

## SOEST Publications List (7000-7999)

1990-2014 (updated 1/30/17)

- 7000 Garcia, M. O., E. H. Haskins, E. M. Stolper, and M. Baker, 2007, Stratigraphy of the Hawai'i Scientific Drilling Project core (HSDP2): Anatomy of a Hawaiian shield volcano, *Geochem. Geophys. Geosyst.*, 8(2), Q02G20, doi: 10.1029/2006GC001379.
- 7001 Appril, A. M., and R. D. Gates, 2007, Recognizing diversity in coral symbiotic dinoflagellate communities, *Molec. Ecol.*, 16(6), 1127-1134, doi: 10.1111/j.1365-294X.2006.03214.x.
- 7002 Watanabe, Y. W., et al. [H. Yoshinari], 2007, Reconstruction of sea surface dimethylsulfide in the North Pacific during 1970s to 2000s, *Mar. Chem.*, 103(3-4), 347-358, IPRC-421, doi: 10.1016/j.marchem.2006.10.004.
- 7003 Sharma, S. K., A. K. Misra, and P. G. Lucey, 2006, A combined remote Raman and fluorescence spectrometer system for detecting inorganic and biological materials, *Proc. SPIE*, 6409, 6409K1-6409K8.
- 7004 Fu, X., B. Wang, D. E. Waliser, and L. Tao, 2007, Impact of atmosphere-ocean coupling on the predictability of monsoon intraseasonal oscillations (MISO), *J. Atmos. Sci.*, 64(1), 157-174, IPRC-422.
- 7005 McNaughton, C. S., et al. [A. D. Clarke, S. G. Howell, M. Pinkerton], 2007, Results from the DC-8 inlet characterization experiment (DICE): Airborne versus surface sampling of mineral dust and sea salt aerosols, *Aerosol Sci. Tech.*, 41(2), 136-159, doi: 10.1080/02786820601118406.
- 7006 Corno, G., et al. [D. M. Karl, M. J. Church, R. Lukas, R. R. Bidigare], 2007, Impact of climate forcing on ecosystem processes in the North Pacific Subtropical Gyre, *J. Geophys. Res.-Oceans*, 112(C4), C04021, doi: 10.1029/2006JC003730.
- 7007 Wilson, D. S., et al., 2006, Drilling to gabbro in intact ocean crust, *Science*, 312(5776), 1016-1020, doi: 10.1126/science.1126090.
- 7008 Zhou, T., M. A. Geller, and K. Hamilton, 2006, The roles of the Hadley circulation and downward control in tropical upwelling, *J. Atmos. Sci.*, 63(11), 2740-2757, IPRC-377.
- 7009 Sharma, S. K., A. K. Misra, P. G. Lucey, R. C. Wiens, and S. M. Clegg, 2007, Combined remote LIBS and Raman spectroscopy at 8.6 m of sulfur-containing minerals, and minerals coated with hematite or covered with basaltic dust at 8.6 m, *Spectrochim. Acta*, 68, 1036-1045.
- 7010 Wessel, P., and L. W. Kroenke, 1997, A geometric technique for relocating hotspots and refining absolute plate motions, *Nature*, 387(6631), 365-369, doi: 10.1038/387365a0.
- 7011 Furue, R., and M. Endoh, 2005, Effects of the Pacific diapycnal mixing and wind stress on the global and Pacific meridional overturning circulation, *J. Phys. Oceanogr.*, 35(10), 1876-1890, IPRC-316.
- 7012 Westley, M. B., B. N. Popp, and T. M. Rust, 2007, The calibration of the intramolecular nitrogen isotope distribution in nitrous oxide measured by isotope ratio mass spectrometry, *Rapid Comm. Mass Spec.*, 21(3) 391-405.

- 7013 Brooks, B. A., M. A. Merrifield, J. Foster, C. L. Werner, F. Gomez, M. Bevis, and S. Gill, 2007, Space geodetic determination of spatial variability in relative sea level change, Los Angeles basin, *Geophys. Res. Lett.*, 34(1), L01611, doi: 10.1029/2006GL028171.
- 7014 Qu, T., Y. Du, and H. Sasaki, 2006, South China Sea throughflow: A heat and freshwater conveyor, *Geophys. Res. Lett.*, 33(23), L23617, IPRC-423, doi: 10.1029/2006GL028350.
- 7015 Pan, L.-L., 2007, Synoptic eddy feedback and air-sea interaction in the North Atlantic region, *Clim. Dyn.*, 29(6), 647-659.
- 7016 Chambers, C. R. S., and T. Li, 2007, Simulation of formation of a near-equatorial typhoon Vamei (2001), *Meteor. Atmos. Phys.*, 98(1-2), 267-80, IPRC-424.
- 7017 Dore, J. E., R. M. Letelier, M. J. Church, R. Lukas, and D. M. Karl, 2008, Summer phytoplankton blooms in the oligotrophic North Pacific Subtropical Gyre: Historical perspective and recent observations, *Prog. Oceanogr.*, 76, 2-38.
- 7018 Cowen, J. P., et al. [B. T. Glazer], 2007, Rapid response to a volcanic eruption at the East Pacific Rise Crest near 9°50'N, *EOS, Trans. AGU*, 88(7) 81-83, doi: 10.1029/2007EO070001.
- 7019 Zeng, Z., Y. Wang, and C.-C. Wu, 2007, Environmental dynamical control of tropical cyclone intensity—An observational study, *Mon. Weather Rev.*, 135(1), 38-59, IPRC-405.
- 7020 Moscher, T. J., and P. Lucey, 2006, Polar night: A lunar volatiles expedition, *Acta Astronaut.*, 59(8-11), 585-592.
- 7021 Yamagishi, H., et al. [M. B. Westley, B. N. Popp], 2007, Role of nitrification and denitrification on the nitrous oxide cycle in the eastern tropical North Pacific and Gulf of California, *J. Geophys. Res.-Biogeosciences*, 112(G2), G02015, doi: 10.1029/2006JG000227.
- 7022 Pfeiffer, M., O. Timm, W.-C. Dullo, and D. Garbe-Schönberg, 2006, Paired coral Sr/Ca and d<sup>18</sup>O records from the Chagos Archipelago: Late twentieth century warming affects rainfall variability in the tropical Indian Ocean, *Geology*, 34(12), 1069-1072, doi: 10.1130/G23162A.
- 7023 Church, M. J., K. M. Björkman, D. M. Karl, M. A. Saito, and J. P. Zehr, 2008, Regional distributions of nitrogen fixing bacteria in the Pacific Ocean, *Limnol. Ocean.*, 53, 63-77.
- 7024 Fong, A. A., et al. [D. M. Karl, R. Lukas, M. J. Church], 2008, Nitrogen fixation in an anticyclonic eddy in the oligotrophic North Pacific Ocean, *ISME J.*, 2(6), 663-676.
- 7025 Hamilton, K., 2006, High resolution global modeling of the atmospheric circulation, *Adv. Atmos. Sci.*, 23(6), 842-856.
- 7026 Wessel, P., 2007, Seamount characteristics, in Pitcher, T. J., et al. (eds.), *Seamounts: Ecology, Fisheries and Conservation*, Blackwell, Oxford, UK, p. 3-25, doi: 10.1002/9780470691953.ch1.
- 7027 Yang, J., Q. Liu, S.-P. Xie, Z. Liu, and L. Wu, 2007, Impact of the Indian Ocean SST basin mode on the Asian summer monsoon, *Geophys. Res. Lett.*, 34(7), L02708, IPRC-

- 426, doi: 10.1029/2006GL028571.
- 7028 Yu, Z., S. Shen, J. P. McCreary, M. Yaremchuk, and R. Furue, 2007, South China Sea throughflow as evidenced by satellite images and numerical experiments, *Geophys. Res. Lett.*, 34(1), L01601, IPRC-425, doi: 10.1029/2006GL028103.
- 7029 Denevi, B. W., P. G. Lucey, E. J. Hochberg, and D. Steutel, 2007, Near-infrared optical constants of pyroxene as a function of iron and calcium content, *J. Geophys. Res.-Planets*, 112(E5), E05009, HIGP-1470, doi: 10.1029/2006JE002802.
- 7030 Libourel, G., and A. N. Krot, 2007, Evidence for the presence of planetesimal material among the precursors of magnesian chondrules of nebular origin, *Earth Planet. Sci. Lett.*, 254(1-2), 1-8,
- 7031 Porter, J. N., et al. [D. Stevens], 2007, Wind environment in the lee of Kauai Island, Hawaii during trade wind conditions: weather setting for the Helios Mishap, *Boundary-Layer Meteorol.*, 123(3), 463-480, doi: 10.1007/s10546-007-9155-z.
- 7032 Church, M. J., 2008, Resource control of bacterial dynamics in the sea, in Kirchman, D. L. (ed.), *Microbial Ecology of the Oceans*, 2nd ed., John Wiley & Sons, Inc., Hoboken, NJ, doi: 10.1002/9780470281840.ch10.
- 7033 Ding, Q., and B. Wang, 2007, Intraseasonal teleconnection between the summer Eurasian wave train and the Indian monsoon, *J. Climate*, 20(15), 3751-3767, IPRC-427, doi: 10.1175/JCLI4221.1.
- 7034 Herrero-Bervera, E., et al., 2007, Cryptochron C2r.2r-1 recorded 2.51 Ma in the Koolau Volcano at Halawa, Oahu USA: Paleomagnetic and  $^{40}\text{Ar}/^{39}\text{Ar}$  evidence, *Earth Planet. Sci Lett.*, 254(3-4), 256-271, HIGP-1472.
- 7035 Potemra, J. T., and N. Schneider, 2007, Interannual variations of the Indonesian throughflow, *J. Geophys. Res.*, 112(C5), C05035, IPRC-429, doi: 10.1029/2006JC003808.
- 7036 Stevens, D. E., H.-C. Kuo, W. H. Schubert, and P. E. Ciesielski, 1990, Quasi-balanced dynamics in the tropics, *J. Atmos. Sci.*, 47(19), 2262-2273.
- 7037 Potemra, J. T., and N. Schneider, 2007, Influence of low-frequency Indonesian throughflow transport on temperatures in the Indian Ocean in a coupled model, *J. Climate*, 20(7), 1339-1352, IPRC-431, doi: <http://dx.doi.org/10.1175/JCLI4146.1>.
- 7038 Wang, B., and X. Zhou, 2008, Climate variation and prediction of rapid intensification in tropical cyclones in the western North Pacific, *Meteor. Atmos. Phys.*, 99(1-2), 1-16, IPRC-428, doi: 10.1007/s00703-006-0238-z.
- 7039 Liu, P., B. Wang, K. R. Sperber, T. Li, and G. A. Meehl, 2005, MJO in the NCAR CAM2 with the Tiedtke Convective Scheme, *J. Climate*, 18(15), 3007-3020, doi: <http://dx.doi.org/10.1175/JCLI3458.1>.
- 7040 Karl, D. M., L. Beversdorf, K. M. Björkman, M. J. Church, A. Martinez, and E. F. DeLong, 2008, Aerobic production of methane in the sea, *Nature Geosci.*, 1, 473-478, doi:10.1038/ngeo234.
- 7041 Mouginis-Mark, P. J., and S. M. Baloga, 2006, Morphology and geometry of the distal ramparts of Martian impact craters, *Meteorit. Planet. Sci.*, 41(10), 1469-1482, doi: 10.1111/j.1945-5100.2006.tb00430.x.

- 7042 Plancharel, Y., and J. P. Cowen, 2007, Towards measuring particle-associated fecal indicator bacteria in tropical streams, *Water Research*, 41(7), 1501-1515.
- 7043 Garcia, S. S., et al. [K. MacDonald, E. H. De Carlo], 2009, Discarded military munitions case study: Ordnance Reef (HI-06) Hawaii, *Mar. Tech. Soc. J.*, 43(4), 85-99, doi: 10.4031/MTSJ.43.4.13.
- 7044 Ma, S.-H., A.-X. Qu, and Y. Wang, 2007, The performance of the new tropical cyclone track prediction system of the China National Meteorological Center, *Meteor. Atmos. Phys.*, 97, 29-39, IPRC-409.
- 7045 Yang, B., Y. Wang, and B. Wang, 2007, The effect of internally generated inner-core asymmetries on tropical cyclone potential intensity, *J. Atmos. Sci.*, 64(4), 1165-1188, IPRC-435.
- 7046 White, A. E., F. G. Prah, R. M. Letelier, and B. N. Popp, 2007, Summer surface waters in the Gulf of California: prime habitat for biological N<sub>2</sub> fixation, *Global Biogeochem. Cycles*, 21, GB2017, doi: 10.1029/2006GB002779.
- 7047 Taguchi, B., et al. [S.-P. Xie, N. Schneider], 2007, Decadal variability of the Kuroshio Extension: Observations and an eddy-resolving model hindcast, *J. Climate*, 20(11), 2357-2377, IPRC-432, doi: <http://dx.doi.org/10.1175/JCLI4142.1>.
- 7048 de Szoek, S. P., Y. Wang, S.-P. Xie, and T. Miyama, 2006, Effect of shallow convection on the eastern Pacific climate in a coupled model, *Geophys. Res. Lett.*, 33(17), L17713.
- 7049 Zhou, L., and Y. Wang, 2006, Tropical Rainfall Measuring Mission observation and regional model study of precipitation diurnal cycle in the New Guinean region, *J. Geophys. Res.-Atmos.*, 111(D17), D17104, doi: 10.1029/2006JD007243.
- 7050 Bienfang, P., E. H. De Carlo, S. Christopher, S. DeFelice, and P. Moeller, 2009, Trace element concentrations in coastal Hawaiian waters, *Mar. Chem.*, 113(3-4), 149-256.
- 7051 Seibel, B. A., and J. C. Drazen, 2007, The rates of metabolism in marine animals: environmental constraints, ecological demands and energetic opportunities, *Phil. Trans. R. Soc. B*, 362(1487), 2061-2078.
- 7052 Rooney, J., et al. [P. Wessel, J. Weiss, C. Fletcher, M. O. Garcia, P. Vroom], 2008, Geology and geomorphology of coral reefs of the Northwestern Hawaiian Islands, in Riegl, B., and R. E. Dodge (eds.), *Coral Reefs of the USA*, Springer Verlag, Berlin, p. 519-572, doi: 10.1007/978-1-4020-6847-8\_13.
- 7053 Wang, D., 2006, Effects of the earth's rotation on convection: Turbulent statistics, scaling laws and Lagrangian diffusion, *Dyn. Atmos. Oceans*, 41(2), 103-120.
- 7054 Jia, Y., G. C. Nihous, and K. J. Richards, 2012, Effects of ocean thermal energy conversion systems on near and far field seawater properties--A case study for Hawaii, *J. Renew. Sustain. Energy*, 4, 063104, doi: 10.1063/1.4766820.
- 7055 Dutriex, P., C. Menkes, J. Vialard, P. Flament, and B. Blanke, 2007, Lagrangian study of tropical instability vortices in the Atlantic ocean, *J. Phys. Oceanogr.*, 38(2), 400-417.
- 7056 de Szoek, S. P., S.-P. Xie, T. Miyama, K. J. Richards, and R. J. O. Small, 2007, What maintains the SST front north of the eastern Pacific equatorial cold tongue? *J. Climate*, 20(11), 2500-2514, IPRC-436, doi: <http://dx.doi.org/10.1175/JCLI4173.1>.

- 7057 Gillis-Davis, J. J., P. G. Lucey, and B. R. Hawke, 2006, Testing the relation between UV-vis color and TiO<sub>2</sub> content of the lunar maria, *Geochim. Cosmochim. Acta*, 70(24), 6079-6102, doi: 10.1016/j.gca.2006.08.035.
- 7058 Qiu, B., N. Schneider, and S. Chen, 2007, Coupled decadal variability in the North Pacific: An observationally-constrained idealized model, *J. Climate*, 20(14), 3602-3620, IPRC-437, doi: <http://dx.doi.org/10.1175/JCLI4190.1>.
- 7059 Jin, F.-F., L. Lin, A. Timmermann, and J. Zhao, 2007, Ensemble-mean dynamics of the ENSO recharge oscillator under state-dependent stochastic forcing, *Geophys. Res. Lett.*, 34(3), L03807, IPRC-465, doi: 10.1029/2006GL027372.
- 7060 Pullen, J., J. D. Doyle, P. May, C. Chavanne, P. Flament, and R. A. Arnone, 2008, Monsoon surges trigger oceanic eddy formation and propagation in the lee of the Philippine Islands, *Geophys. Res. Lett.*, 35(7), L07604, doi: 10.1029/2007GL033109.
- 7061 Gaidos, E., et al. [B. T. Glazer, D. Harris, Z. Heshiki, N. Jeppsson, M. Miller], 2007, A simple sampler for subglacial water bodies, *J. Glaciology*, 53(180), 1-2.
- 7062 Dziak, R. P., et al. [J. P. Cowen, K. H. Rubin], 2007, Rapid dike emplacement leads to eruptions and hydrothermal plume release during seafloor spreading events, *Geology*, 35(7), 579-582.
- 7063 Kaven, J. O., and S. J. Martel, 2007, Growth of surface-breaching normal faults as a three-dimensional fracturing process, *J. Struct. Geol.*, 2123-2143.
- 7064 Cheung, K. F., et al., 2007, Numerical modeling and field evidence of coastal overwash in southern New England from Hurricane Bob and implications for paleotempestology, *J. Geophys. Res.-Earth Surface*, 112(F3), F03024, doi: 10.1029/2006JF000612.
- 7065 Peterson, R. N., W. C. Burnett, C. R. Glenn, and A. J. Johnson, 2007, A box model to quantify groundwater discharge along the Kona coast of Hawaii using natural tracers, *Proc. Symp. HS1001 at IUGG2007*, Perugia, July 2007, IAHS Publication, 312, pp. 142.
- 7066 Small, R. J., S. P. deSzoeko, and S.-P. Xie, 2007, The Central American midsummer drought: Regional aspects and large-scale forcing, *J. Climate*, 20(19), 4853-4873, IPRC-441, doi: <http://dx.doi.org/10.1175/JCLI4261.1>.
- 7067 Fu, B., T. Li, M. S. Peng, and F. Weng, 2007, Analysis of tropical cyclogenesis in the western North Pacific for 2000 and 2001, *Weather Forecast.*, 22, 763-780, doi: 10.1175/WAF1013, IPRC-440.
- 7068 Apprill, A. M., R. R. Bidigare, and R. D. Gates, 2007, Visibly healthy corals exhibit variable pigment concentrations and symbiont phenotypes, *Coral Reefs*, 26(2), 387-397.
- 7069 Timmermann, A., et al. [Y. Okumura, S.-P. Xie], 2007, The influence of a weakening of the Atlantic meridional overturning circulation on ENSO, *J. Climate*, 20(19), 4899-4919, IPRC-442, doi: <http://dx.doi.org/10.1175/JCLI4283.1>.
- 7070 Krebs, U., and A. Timmermann, 2007, Tropical air-sea interactions accelerate the recovery of the Atlantic Meridional Overturning Circulation after a major shutdown, *J. Climate*, 20(19), 4940-4956, IPRC-444, doi: <http://dx.doi.org/10.1175/JCLI4296.1>.
- 7071 Lewis, B., et al. [B. T. Glazer], 2007, Short-term and interannual variability of redox-

- sensitive chemical parameters in hypoxic/anoxic bottom waters of the Chesapeake Bay, *Mar. Chem.*, 105(3-4), 296-308, doi: 10.1016/j.marchem.2007.03.001.
- 7072 Wang, B., P. Webster, K. Kikuchi, T. Yasunari, and Y. Qi, 2006, Boreal summer quasi-monthly oscillation in the global tropics, *Clim. Dyn.*, 27(7-8), 661-675, doi: 10.1007/s00382-006-0163-3.
- 7073 Mottl, M. J., B. T. Glazer, R. I. Kaiser, and K. Meech, 2007, Water and astrobiology, *Chem. Erde-Geochem.*, 67(4), 253-282.
- 7074 Wang, B., J.-G. Jhun, and B.-K. Moon, 2007, Variability and singularity of Seoul, South Korea, rainy season (1778-2004), *J. Climate*, 20(11), 2572-2580, IPRC-446, doi: <http://dx.doi.org/10.1175/JCLI4123.1>.
- 7075 Wang, Z., B. Wang, and C.-P. Change, 2007, Impacts of El Niño and La Niña on the U.S. climate during the northern summer, *J. Climate*, 20(10), 2165-2177, IPRC-447, doi: <http://dx.doi.org/10.1175/JCLI4118.1>.
- 7076 Scott, E. R. D., 2007, Chondrites and the protoplanetary disk, *Ann. Rev. Earth Planet. Sci.*, 35(1), 577-620, doi: 10.1146/annurev.earth.35.031306.140100.
- 7077 Sørensen, K., B. T. Glazer, A. Hannides, and E. Gaidos, 2007, Spatial structure of the microbial community in sandy carbonate sediments, *Mar. Ecol. Prog. Ser.*, 346, 61-74.
- 7078 Qiu, B., S. Chen, and P. Hacker, 2007, Effect of mesoscale eddies on subtropical mode water variability from the Kuroshio Extension System Study (KESS), *J. Phys. Oceanogr.*, 37(4), 982-1000, IPRC-448.
- 7079 Chen, S., B. Qiu, and P. Hacker, 2007, Profiling float measurements of the recirculation gyre south of the Kuroshio Extension in May-November 2004, *J. Geophys. Res.-Oceans*, 112(C5), C05023, IPRC-449, doi: 10.1029/2006JC004005.
- 7080 Ribes, M., and M. J. Atkinson, 2007, Effects of water velocity on picoplankton uptake by coral reef communities, *Coral Reefs*, 26(2), 413-421, doi: 10.1007/s00338-007-0211-4.
- 7081 Stockstill, K. R., J. E. Moersch, H. Y. McSween Jr., J. Piatek, and P. R. Christensen, 2007, TES and THEMIS study of proposed paleolake basins within the Aeolis quadrangle of Mars, *J. Geophys. Res.-Planets*, 112(E1), E01001, doi: 10.1029/2005JE002517.
- 7082 Sharma, S. K., 2007, New trends in telescopic remote raman spectroscopic instrumentation, *Spectrochim. Acta A*, 68(4), 1008-1022.
- 7083 Stopar, J. D., G. J. Taylor, V. E. Hamilton, and L. Browning, 2006, Kinetic model of olivine dissolution and extent of aqueous alteration on Mars, *Geochim. Cosmochim. Acta*, 70(24), 6136-6152.
- 7084 Fagan, K. E., and F. T. Mackenzie, 2007, Air-sea CO<sub>2</sub> exchange in a subtropical estuarine-coral reef system, Kaneohe Bay, Oahu, Hawaii, USA, *Mar. Chem.*, 106, 174-191.
- 7085 Jansen, K. P., H. R. Mushinsky, and S. A. Karl, 2008, Population genetics of the mangrove salt marsh snake, *Nerodia clarkii compressicauda*, in a linear, fragmented habitat, *Conserv. Genet. Resour.*, 9(2), 401-410, doi: 10.1007/s10592-007-9352-9.
- 7086 Schwartz, T. S., and S. A. Karl, 2008, Population genetic assignment of confiscated

- gopher tortoises, *J. Wildlife Mgt.*, 72, 254-259.
- 7087 Schorghofer, N., and G. J. Taylor, 2007, Subsurface migration of H<sub>2</sub>O at lunar cold traps, *J. Geophys. Res.-Planets*, 112(E2), E02010.
- 7088 Newsom, H. E., et al. [G. J. Taylor], 2007, Geochemistry of Martian soil and bedrock in mantled and less mantled terrains with gamma ray data from Mars Odyssey, *J. Geophys. Res.-Planets.*, 112(E3), E03S12, doi: 10.1029/2006JE002680.
- 7089 Keller, J., et al. [G. J. Taylor], 2006, Global distribution of chlorine measured by Mars GRS, *J. Geophys. Res.-Planets*, 111(E3), E03S08, doi: 10.1029/2006JE002679.
- 7090 Karunatillake, S. K., et al. [G. J. Taylor], 2006, Mineralogy of low albedo regions in the northern hemisphere of Mars: Implications of Mars Odyssey gamma ray spectrometer data, *J. Geophys. Res.-Planets*, 111(E3), E03S05, doi: 10.1029/2006JE002675.
- 7091 Hahn, B. C., et al. [G. J. Taylor], 2006, Mars Odyssey gamma ray spectrometer elemental abundances and apparent relative surface age: Implications for Martian crustal evolution, *J. Geophys. Res.-Planets*, 111(E3), E03S11, doi: 10.1029/2006JE002821.
- 7092 Uchikawa, J., B. N. Popp, J. E. Schoonmaker, and L. Xu, 2008, Direct application of compound-specific radiocarbon analysis of leaf waxes to establish lacustrine sediment chronology, *J. Paleolimnol.*, 39, 43-60, doi: 10.1007/s10933-007-9094-1.
- 7093 Chandler, M. T., and P. Wessel, 2008, Improving the quality of marine geophysical tracking data, *J. Geophys. Res.-Solid Earth*, 113(B2), B02102, doi: 10.1029/2007JB005051.
- 7094 Furue, R., J. P. McCreary, Z. Yu, and D. Wang, 2007, Dynamics of the Southern Tsuchiya Jet, *J. Phys. Oceanogr.*, 37(3), 531-553, IPRC-392.
- 7095 Timm, O., and A. Timmermann, 2007, Simulation of the last 21,000 years using accelerated transient boundary conditions, *J. Climate*, 20(17), 4377-4401, IPRC-439, doi: 10.1175/JCLI4237.1.
- 7096 Sharma, S. K., A. K. Misra, P. G. Lucey, R. C. F. Lentz, and C. H. Chio, 2007, Stand-off raman instrument for detection of bulk organic and inorganic compounds, *Proc. SPIE*, 6554, 6554-04.
- 7097 Boer, G. J., M. Stowasser, and K. Hamilton, 2007, Inferring climate sensitivity from volcanic events, *Clim. Dyn.*, 28(5), 481-502.
- 7098 Oakley, A. J., et al. [B. Taylor, P. Fryer, G. F. Moore], 2007, Emplacement, growth, and gravitational deformation of serpentine seamounts on the Mariana Forearc, *Geophys. J. Inter.*, 170(2), 615-634, doi: 10.1111/j.1365-246X.2007.03451.x.
- 7099 Luther III, G. W., et al. [B. T. Glazer], 2008, Use of voltammetric solid-state (micro)electrodes for studying biogeochemical processes: laboratory measurements to real time measurements with an in situ electrochemical analyzer (ISEA), *Mar. Chem.*, 108(3-4), 221-235, doi: 10.1016/j.marchem.2007.03.002.
- 7100 Herrero-Bervera, E., and J.-P. Valet, 2007, Holocene paleosecular variation from dated lava flows on Maui (Hawaii), *Phys. Earth Planet. Int.*, 161(3-4), 267-280, HIGP-1486.
- 7101 Timmermann, A., S. Lorenz, S.-I. An, A. Clement, and S.-P. Xie, 2007, The effect of orbital forcing on the mean climate and variability of the tropical Pacific, *J. Climate*,

- 20(16), 4147-4159, IPRC-450, doi: <http://dx.doi.org/10.1175/JCLI4240.1>.
- 7102 Drbohlav, H.-K., and B. Wang, 2007, Horizontal and vertical structures of the northward propagating intraseasonal oscillation in the South Asian monsoon region simulated by an intermediate model, *J. Climate*, 20(16), 4278-428, IPRC-4516, doi: 10.1175/JCLI4244.
- 7103 Jensen, T. G., 2007, Wind-driven response of the northern Indian Ocean to climate extremes, *J. Climate*, 20(13), 2978-2993, IPRC-443, doi: 10.1175/JCLI4150.1.
- 7104 Sobolev, A. V., et al. [M. O. Garcia], 2007, The amount of recycled crust in sources of mantle-derived melts, *Science*, 316(5823), 412-417, doi: 10.1126/science.1138113.
- 7105 Henderson, G. M., et al. [C. I. Measures], 2007, GEOTRACES—An international study of the global marine biogeochemical cycles of trace elements and their isotopes *Chem. Erde-Geochem.*, 67(2), 85-131, doi: 10.1016/j.chemer.2007.02.001.
- 7106 Marske, J. P., et al. [M. O. Garcia], 2007, Rapid passage of a small-scale mantle heterogeneity through the melting regions of Kilauea and Mauna Loa volcanoes, *Earth Planet. Sci. Lett.*, 259(1-2), 34-50, doi: 10.1016/j.epsl.2007.04.026.
- 7107 Wagner, D., S. E. Kahng, and R. J. Toonen, 2007, New report of nudibranch predators of the invasive octocoral *Carjoa riisei* in the main Hawaiian Islands, *Coral Reefs*, 26(2), 411.
- 7108 Jensen, T. G., 2007, Introduction: Special issue on Indian Ocean climate, *J. Climate*, 20(13), 2869-2871, IPRC-430, doi: <http://dx.doi.org/10.1175/JCLI4286.1>.
- 7109 Ostrander, C. E., M. A. McManus, E. H. DeCarlo, and F. T. Mackenzie, 2008, Temporal and spatial variability of freshwater plumes in a semi-enclosed estuarine-bay system, *Estuar. Coasts*, 31(1), 192-203, doi: 10.1007/s12237-007-9001-z.
- 7110 Wilson, L., S. A. Fagents, L. E. Robshaw, and E. D. Scott, 2007, Vent geometry and eruption conditions of the mixed rhyolite-basalt Namshraun lava flow, Iceland, *J. Volcanol. Geotherm. Res.*, 164(3), 127-141, doi: 10.1016/j.jbolgeores.2007.04.005.
- 7111 Stocker, T. F., A. Timmermann, M. Renold, and O. Timm, 2007, Effects of salt compensation on the climate model response in simulations of large changes of the Atlantic meridional overturning circulation, *J. Climate*, 20(24), 5912-5928, IPRC-452, doi: <http://dx.doi.org/10.1175/2007JCLI1662.1>.
- 7112 Mittelstaedt, E., and M. O. Garcia, 2007, Modeling the sharp compositional interface in the Pu'u 'O'o magma reservoir, Kilauea volcano, Hawaii, *Geochem. Geophys. Geosyst.*, 8(5), Q05011, doi: 10.1029/2006GC001519.
- 7113 Gaidos, E., et al. [B. T. Glazer, A. Rusch], 2009, An oligarchic microbial assemblage in the anoxic bottom waters of a volcanic subglacial lake, *ISME J.*, 3(4), 486-497.
- 7114 Clarke, A., et al. [C. McNaughton, V. Kapustin, Y. Shinozuka, S. Howell, J. Zhou, V. Brekhovskikh, and M. Pinkerton], 2007, Biomass burning and pollution aerosol over North America: Organic components and their influence on spectral optical properties and humidification response, *J. Geophys. Res.*, 112(D12), D12S18, doi: 10.1029/2006JD007777.
- 7115 Wessel, P., and R. D. Müller, 2007, Plate tectonics, in Schubert, G. (ed.), *Treatise on Geophysics*, Vol. 6, Crust and Lithosphere Dynamics, Elsevier, Boston, MA, p. 49-98.



- 7116 Shinozuka, Y., et al. [A. D. Clarke, S. G. Howell, V. N. Kapustin, C. S. McNaughton, J. Zhou], 2007, Aircraft profiles of aerosol microphysics and optical properties over North America: Aerosol optical depth and its association with PM<sub>2.5</sub> and water uptake, *J. Geophys. Res.-Atmospheres*, 112(D12), D12S20, doi: 10.1029/2006JD007918.
- 7117 Nihous, G. C., 2009, A generalization of the Monty Hall Problem, *Math. Sci.*, 34, 94-98.
- 7118 Demopoulos, A. W. J., B. Fry, and C. R. Smith, 2007, Food-web structure in exotic and native mangroves: a Hawaii-Puerto Rico comparison, *Oecologia*, 153, 675-686.
- 7119 Popp, B. N., et al. [B. S. Graham, C. C. S. Hannides], 2007, Insight into the trophic ecology of yellowfin tuna, *Thunnus albacares*, from compound-specific nitrogen isotope analysis of proteinaceous amino acids, in Dawson, T., and R. Siegwolf (eds.) *Stable Isotopes as Indicators of Ecological Change*, Elsevier/Academic Press, Terrestrial Ecology Series, p. 173-190.
- 7120 Ho, D. T., et al., 2007, The combined effect of rain and wind on air-water gas exchange: A feasibility study, *J. Mar. Syst.*, 66(1-4), 150-160, doi: 10.1016/j.jmarsys.2006.02.012.
- 7121 van Niekerk, D., C. A. Goodrich, G. J. Taylor, and K. Keil, 2007, Characterization of the lithological contact in the shergottite EETA79001 — A record of igneous differentiation processes on Mars, *Meteorit. Planet. Sci.*, 42(10), 1751-1762, doi: 10.1111/j.1945-5100.2007.tb00535.x.
- 7122 Sánchez, A., and K. F. Cheung, 2007, Tsunami forecast using an adaptive inverse algorithm for the Peru-Chile source region, *Geophys. Res. Lett.*, 34(13), L13605, doi: 10.1029/2007GL030158.
- 7123 Qu, T., Y. Du, J. P. McCreary, Jr., G. Meyers, and T. Yamagata, 2008, Buffering effect and its related ocean dynamics in the Indonesian throughflow region, *J. Phys. Oceanogr.*, 38(2), 503-516, IPRC-455.
- 7124 Glazer, B. T., and O. J. Rouxel, 2009, Redox speciation and distribution within diverse iron-dominated microbial habitats at Loihi Seamount, *Geomicrobiol. J.*, 26(8), 606-622.
- 7125 McCreary, J. P., et al. [R. Furue, T. Jensen, H.-W. Kang, B. Bang, T. Qu], 2007, Interactions between the Indonesian throughflow and circulations in the Indian and Pacific Oceans, *Prog. Oceanogr.*, 75(1), 70-114, IPRC-454, doi: 10.1016/j.pocean.2007.05.004.
- 7126 Yang, Y., and Y.-L. Chen, 2008, Effects of terrain heights and sizes on island-scale circulations and rainfall for the island of Hawaii during HaRP, *Mon. Weather Rev.*, 136(1), 120-146, doi: 10.1175/2007MWR1984.1, IPRC-457.
- 7127 Guidry, M. W., R. S. Arvidson, and F. T. Mackenzie, 2007, Biological and geochemical forcings to Phanerozoic change in seawater, atmosphere, and carbonate precipitate composition, in Falkowski, P., and A. Knoll (eds.) *Evolution of Primary Producers in the Sea*, Elsevier Academic Press, Massachusetts, p. 377-403.
- 7128 Huang, H.-P., A. Kaplan, E. N. Curchitser, and N. A. Maximenko, 2007, The degree of anisotropy for mid-ocean currents from satellite observations and an eddy-resolving model simulation, *J. Geophys. Res.*, 112(C9), C09005, IPRC-459, doi: 10.1029/2007JC004105.

- 7129 Maximenko, N. A., and P. P. Miller, 2006, Mean surface circulation of the global ocean inferred from satellite altimeter and drifter data, *Fifteen Years of Progress in Radar Altimetry*, ESA Publication SP-614, July 2006.
- 7130 Craig, M. T., and J. E. Randall, 2008, Two new species of the Indo-Pacific clingfish genus *Discotrema* (Gobiesocidae), *Copeia*, 2008(1), 68-74, doi: 10.1643/CI-07-025.
- 7131 Lawrence, S. J., and P. G. Lucey, 2007, Radiative transfer mixing models of meteoritic assemblages, *J. Geophys. Res.-Planets*, 112(E7), E07005, doi: 10.1029/2006JE002765.
- 7132 Bird, C. E., B. S. Holland, B. W. Bowen, and R. J. Toonen, 2007, Contrasting phylogeography in three endemic Hawaiian limpets (*Cellana spp.*) with similar life histories, *Molec. Ecol.*, 16(15), 3173-3186, doi: 10.1111/j.1365-294X.2007.03385.x.
- 7133 Yu, Z., J. P. McCreary, M. Yaremchuk, and R. Furue, 2008, Subsurface salinity balance in the South China Sea, *J. Phys. Oceanogr.*, 38(2), 527-539, IPRC-460, doi: 10.1175/2007JPO3661.1.
- 7134 Rubin, K. H., and J. M. Sinton, 2007, Inferences on mid-ocean ridge thermal and magmatic structure from MORB compositions, *Earth Planet. Sci. Lett.*, 260(1-2), 257-276, doi: 10.1016/j.epsl.2007.05.035.
- 7135 Sentchev, A., and M. Yaremchuk, 2007, VHF radar observations of surface currents off the Northern Opal coast in the eastern English Channel, *Cont. Shelf Res.*, 27(19), 2449-2464, IPRC-461, doi: 10.1016/j.csr.2007.06.010.
- 7136 Bejarano, L., and F.-F. Jin, 2008, Coexistence of equatorial coupled modes of ENSO, *J. Climate*, 21(12), 3051-3067, doi: 10.1175/2007JCLI1679.1.
- 7137 Calil, P. H. R., K. J. Richards, Y. Jia, and R. R. Bidigare, 2008, Eddy activity in the lee of the Hawaiian Islands, *Deep-Sea Res. II*, 55(10-13), 1179-1194, IPRC-462.
- 7138 Nihous, G. C., 2009, Axisymmetric large eddy simulation of a circular source of buoyancy, *Inter. J. Heat Fluid Flow*, 30(6), 1980-1986.
- 7139 Annamalai, H., K. Hamilton, and K. R. Sperber, 2007, South Asian summer monsoon and its relationship with ENSO in the IPCC AR4 simulations, *J. Climate*, 20(6), 1071-1092, IPRC-401, doi: <http://dx.doi.org/10.1175/JCLI4035.1>.
- 7140 Zappa, C. J., W. R. McGillis, P. A. Raymond, J. B. Edson, E. J. Hints, H. J. Zemmelen, J. W. H. Dacey, and D. T. Ho, 2007, Environmental turbulent mixing controls on air-water gas exchange in marine and aquatic systems, *Geophys. Res. Lett.*, 34(10), L10601, doi: 10.1029/2006GL028790.
- 7141 Melnichenko, O. V., and N. A. Maximenko, 2007, Stationary alternating zonal jets in hydrographic data of the eastern North Pacific, *Proc. PACON 2007: Ocean Observing Systems and Marine Environment*, p. 55-63, IPRC-463.
- 7142 Fekiacova, Z., et al. [M. O. Garcia], 2007, Origin and temporal evolution of Koolau Volcano, Hawaii: Inferences from isotope data on the Koolau Scientific Drilling Project (KSDP), the Honolulu Volcanics and ODP Site 843, *Earth Planet. Sci. Lett.*, 261(1-2), 65-83, doi: 10.1016/j.epsl.2007.06.005.
- 7143 Lamy, F., J. Kaiser, H. Arz, U. Ninnemann, O. Timm, A. Timmermann, and D. Hebbeln, 2007, Modulation of the bipolar seesaw in the Southeast Pacific during Termination 1, *Earth Planet. Sci. Lett.*, 259(3-4), 400-413, IPRC-464.

- 7144 Goosse, H., et al. [A. Timmermann], 2006, The origin of the European "Medieval Warm Period", *Climate Past*, 2(2), 99-113.
- 7145 Krebs, U., and A. Timmermann, 2007, Fast advective recovery of the Atlantic meridional overturning circulation after a Heinrich event, *Paleoceanogr.*, 22(1), PA1220, IPRC-466, doi: 10.1029/2005PA001259.
- 7146 Ho, D. T., J. R. Ledwell, and W. M. Smethie, Jr., 2008, Use of SF5CF3 for ocean tracer release experiments, *Geophys. Res. Lett.*, 35(4), L04602, doi: 10.1029/2007GL032799.
- 7147 Hebert, A. B., F. J. Sansone, and G. R. Pawlak, 2007, Tracer dispersal in sandy sediment porewater under enhanced physical forcing, *Cont. Shelf Res.*, 27(17), 2278-2287, doi:10.1016/j.csr.2007.05.016.
- 7148 Glenn, C. R., and G. M. Filippelli, 2007, Authigenic mineral formation in the marine environment: Pathways, processes and products, *Deep-Sea Res. II*, 54(11-13), 1141-1146, doi: 10.1016/j.dsr2.2007.05.001.
- 7149 Garcia, M. O., E. Ito, and J. M. Eiler, 2008, Oxygen isotope evidence for chemical interaction of Kilauea historical magmas with basement rocks, *J. Petrol.*, 49(4), 757-769, doi: 10.1093/petrology/egm034.
- 7150 Wessel, P., and L. Kroenke, 2007, Reconciling late Neogene Pacific absolute and relative plate motion changes, *Geochem. Geophys. Geosyst.*, 8(8), Q08001, doi: 10.1029/2007GC001636.
- 7151 Hochberg, E. J., and M. J. Atkinson, 2008, Coral reef benthic productivity based on optical absorbance and light-use efficiency, *Coral Reefs*, 27(1), 49-59, doi: 10.1007/s00338-007-0289-8.
- 7152 McDowell, M. L., and V. E. Hamilton, 2007, Geologic characteristics of relatively high thermal inertia intracrater deposits in southwestern Margaritifer Terra, Mars, *J. Geophys. Res.-Planets*, 112(E12), E12001, doi: 10.1029/2007JE002925.
- 7153 Crawford, I. A., K. H. Joy, and S. A. Fagents, 2007, Full moon exploration: valuable (non-polar) lunar science facilitated by a return to the Moon, *Astron. Geophys.*, 48(3), 3.18-3.21, doi: 10.1111/j.1468-4004.2007.48318.x.
- 7154 Li, Y.-H., T. Takamatsu, and Y. Sohrin, 2007, Geochemistry of Lake Biwa sediments revisited, *Limnol.*, 8(3), 321-330, doi: 10.1007/s10201-007-0223-3.
- 7155 Boyce, J. M., and H. Garbeil, 2007, Geometric relationships of pristine Martian complex impact craters, and their implications to Mars geologic history, *Geophys. Res. Lett.*, 34(16), L16201, doi: 10.1029/2007GL029731.
- 7156 Natarov, A., K. Richards, and J. P. McCreary, 2008, Two-dimensional instabilities of time-dependent zonal flows: Linear shear, *J. Fluid Mech.*, 599, 29-50, IPRC-468.
- 7157 Sampe, T., and S. P. Xie, 2007, Mapping high sea winds from space: A global climatology, *Bull. Amer. Meteor. Soc.*, 88(12), 1965-1978, IPRC-469, doi: 10.1175/BAMS-88-12-1965.
- 7158 Tozuka, T., T. Qu, and T. Yamagata, 2007, Dramatic impact of the South China Sea on the Indonesian Throughflow, *Geophys. Res. Lett.*, 34(12), L12612, IPRC-456, doi: 10.1029/2007GL030420.
- 7159 Marske, J., M. O. Garcia, A. J. Pietruszka, J. M. Rhodes, and M. D. Norman, 2008,

- Geochemical variations during Kilauea's Puu Oo eruption reveal a fine-scale mixture of mantle heterogeneities within the Hawaiian Plume, *J. Petrol.*, 49(7), 1297-1318, doi: 10.1093/petrology/egn025.
- 7160 Nihous, G. C., 2009, Ocean thermal energy conversion (OTEC) and derivative technologies: Status of development and prospects, invited contribution, *IEA-OES 2008 Annual Report*, p. 45-49.
- 7161 Southwell, M. W., B. N. Popp, and C. S. Martens, 2008, Nitrification controls on fluxes and isotopic composition of nitrate from Florida Keys sponges, *Mar. Chem.*, 108, 96-108, doi: 10.1016/j.marche.,2007.10.005.
- 7162 Russell, S. S., et al. [A. N. Krot], 2006, Time scales of the solar protoplanetary disk, in Lauretta, D., et al. (eds.), *Meteorites and the Early Solar System II*, Univ. of Arizona Press, p. 233-251.
- 7163 Misra, A. K., S. K. Sharma, P. G. Lucey, R. C. F. Lentz, and C. H. Chio, 2007, Daytime rapid detection of minerals and organics from 50 and 100 m distances using a remote Raman system, in Singh, U. N. (ed.), *Lidar Remote Sensing for Environmental Monitoring VIII, Proc. SPIE*, Vol. 6681, p. 66810C, doi: 10.1117/12.739208.
- 7164 Hulme, S. M., C. G. Wheat, R. M. Coggon, and J. McManus, 2007, Data report: Trace element, Sr isotope, and Ge/Si composition of fluids and sediments in ridge-flank low-temperature hydrothermal environments, *Proc. ODP Scientific Results*, Leg 301, doi: 10.2204/iodp.proc.301.202.2008.
- 7165 Koeppen, W. C., and V. E. Hamilton, 2008, Global distribution, composition, and abundance of olivine on the surface of Mars from thermal infrared data, *J. Geophys. Res.-Planets*, 113(E5), E05001, doi: 10.1029/2007JE002984.
- 7166 Xie, S.-P., C.-S. Chang, Q. Xie, and D. Wang, 2007, Intraseasonal variability in the summer South China Sea: The wind jet, cold filament, and recirculations, *J. Geophys. Res.*, 112(C10), C10008, IPRC-470, doi: 10.1029/2007JC004238.
- 7167 Toonen, R. J., and A. J. Tyre, 2008, If larvae were smart: a simple model for optimal settlement behavior of competent larvae, *Mar. Ecol. Prog. Ser.*, 349, 43-61.
- 7168 Mouginis-Mark, P. J., and H. Garbeil, 2007, Crater geometry and ejecta thickness of the Martian impact crater Tooting, *Meteorit. Planet. Sci.*, 42(9), 1615-1626, doi: 10.1111/j.1945-5100.2007.tb00594.x
- 7169 Cahill, J. T., and P. G. Lucey, 2007, Radiative transfer modeling of lunar highlands spectral classes and relationship to lunar samples, *J. Geophys. Res.-Planets*, 112(E10), E10007, doi: 10.1029/2006JE002868.
- 7170 Michibayashi, K., et al. [P. Fryer], 2008, Variable microstructure of periodite samples from the southern Mariana Trench: evidence of tectonic evolution, *Tectonophys.*, 44(1-4), 111-118, doi: 10.1016/j.tecto.2007.08.010.
- 7171 Bergmanis, E. C., J. Sinton, and K. H. Rubin, 2007, Recent eruptive history and magma reservoir dynamics on the southern east Pacific rise at 17°30'S, *Geochem. Geophys. Geosyst.*, 8(12), Q12006, doi: 10.1029/2007GC001742.
- 7172 Johnson, Z. I., and T. L. Sheldon, 2007, A high-throughput method to measure photosynthesis-irradiance curves of phytoplankton, *Limnol. Ocean.*, 5, 417-424.

- 7173 Stott, L., A. Timmermann, and R. Thunell, 2007, Southern hemisphere and deep sea warming led to deglacial atmospheric CO<sub>2</sub> rise and tropical warming, *Science*, 318(5849), 435-438, IPRC-471, doi: 10.1126/science.1143791.
- 7174 Moore, G. F., et al., 2007, Three-dimensional splay fault geometry and implications for tsunami generation, *Science*, 318(5853), 1128-1131, doi: 10.1126/science.1147195.
- 7175 Bowen, B. W., and S. A. Karl, 2007, Population genetics and phylogeography of sea turtles, *Molec. Ecol.*, 16(23), 4886-4907, doi: 10.1111/j.1365-294X.2007.03542.x.
- 7176 Ravizza, G., and F. Paquay, 2008, Os isotope chemostratigraphy applied to organic-rich marine sediments from the Eocene-Oligocene transition on the West African margin (ODP Site 959), *Paleoceanogr.*, 23, PA2204, doi: 10.1029/2007PA001460.
- 7177 Diehl, J. M., R. J. Toonen, and L. W. Botsford, 2007, Spatial variability of recruitment in the sand crab *Emerita analoga* throughout California in relation to wind-driven currents, *Mar. Ecol. Prog. Ser.*, 350, 1-17, doi: 10.3354/meps07208.
- 7178 Horneman, A., M. Stute, P. Schlosser, W. Smethie Jr., N. Santella, D. T. Ho, B. Mailloux, E. Gorman, Y. Zheng, and A. van Geen, 2008, Degradation of CFC-11, CFC-12 and CFC-113 in anoxic shallow aquifers of Arai-hazar, Bangladesh, *J. Contam. Hydrol.*, 97, 27-41.
- 7179 Wang, Y., 2007, A multiply nested, movable mesh, fully compressible, nonhydrostatic tropical cyclone model- TCM4: model description and development of asymmetries without explicit asymmetric forcing, *Meteor. Atmos. Phys.*, 97, 93-116, IPRC-433.
- 7180 Li, L.-J., B. Wang, Y. Wang, and H. Wan, 2007, Improvements in climate simulation with modifications to the Tiedtke convective parameterization in the grid-point atmospheric model of IAP/LASG (GAMIL), *Adv. Atmos. Sci.*, 24(2), 323-335, IPRC-410.
- 7181 Zhao, Y., B. Wang, and Y. Wang, 2007, Initialization and simulation of a landfalling typhoon using a variational bogus mapped data assimilation (BMDA), *Meteor. Atmos. Phys.*, 98(3-4), 269-282, IPRC-472.
- 7182 Zhang, C.-X., Q.-H. Zhang, and Y. Wang, 2008, Climatology of hail in China: 1961-2005, *J. Appl. Meteorol. Climatol.*, 47(3), 795-804, IPRC-473, doi: 10.1175/2007JAMC1603.1.
- 7183 Nihous, G. C., 2010, A combinatorial proof of a novel binomial identity, *Math. Sci.*, 35, 54-56.
- 7184 Denevi, B. W., P. G. Lucey, and S. B. Sherman, 2007, Radiative transfer modeling of near-infrared spectra of lunar mare soils: theory and measurement, *J. Geophys. Res.-Planets*, 113(E2), E02003, doi:10.1029/2007JE002929.
- 7185 Concepcion, G., M. Crepeau, S. E. Kahng, and R. J. Toonen, 2008, An alternative to ITS—a hypervariable, single-copy nuclear intron in corals, and its use in detecting cryptic species within the octocoral genus *Carijoa*, *Coral Reefs*, 27(2), 323-336.
- 7186 Wanninkhof, R., W. E. Asher, D. T. Ho, C. S. Sweeney, and W. R. McGillis, 2009, Advances in quantifying air-sea gas exchange and environmental forcing, *Ann. Rev. Mar. Sci.*, 1, 213-244, doi: 10.1146/annurev.marine.010908.163742.
- 7187 Chen, T., J. M. J. Madey, F. M. Price, S. K. Sharma, and B. Lienert, 2007, Remote

- Raman spectra of Benzene obtained from 217 meters using a single 532 nm laser pulse, *Appl. Spectrosc.*, 61(6), 624-629.
- 7188 Valet, J.-P., E. Herrero-Bervera, J.-L. LeMouël, and G. Plenier, 2008, Secular variation of the geomagnetic dipole during the past 2000 years, *Geochem. Geophys. Geosyst.*, 9(1), Q01008, doi: 10.1029/2007GC001728.
- 7189 Zinin, P. V., A. Misra, L. Kamemoto, Q. Yu, and S. K. Sharma, 2007, Emulated transmission in confocal Raman microscopy, *J. Opt. Soc. Am.*, 24(11), 2779-2783, doi: 10.1364/JOSAB.24.002779.
- 7190 Valet, J.-P., and E. Herrero-Bervera, 2007, Archives of geomagnetic reversals, in Gubbins, D., and E. Herrero-Bervera (eds.), *Encyclopedia of Geomagnetism and Paleomagnetism*, Springer, p. 339-346, ISBN:978-1-4020-4866-1, HIGP-1505.
- 7191 Alt, J. C., et al., 2007, IODP Expeditions 309 and 312 drill an intact section of upper oceanic basement into gabbros, *Sci. Drill.*, 4, 4-10, doi: 10.2204/iodp.sd.4.01.2007.
- 7192 Krot, A. N., et al., 2007, Remelting of refractory inclusions in the chondrule-forming regions: Evidence from chondrule-bearing type C calcium-aluminum-rich inclusions from Allende, *Meteorit. Planet. Sci.*, 42(7-8), 1197-1221, doi: 10.1111/j.1945-5100.2007.tb00569.x.
- 7193 Manghnani, M. H., et al. [X. Hong, J. Balogh, G. Amulele], 2008, Fluorescence X-ray absorption fine structure (XAFS) studies of Fe-Ni-S and Fe-Ni-Si melts to 1600 K, *Phys. Rev. B*, 77(13), 134110, doi: 10.1103/PhysRevB.77.134110.
- 7194 Gan, J., and T. Qu, 2008, Coastal jet separation and associated flow variability in the Southwest South China Sea, *Deep-Sea Res. I*, 55(1), 1-19, IPRC-475.
- 7195 Castro, A. L. F., et al. [B. W. Bowen, S. A. Karl], 2007, Population genetic structure of the Earth's largest fish, the whale shark (*Rhincodon typus*), *Molec. Ecol.*, 16(24), 5183-5192, doi: 10.1111/j.1365-294X.2007.03597.x.
- 7196 Blewett, D. T., B. R. Hawke, N. C. Richmond, and C. G. Hughes, 2007, A magnetic anomaly associated with an albedo feature near Airy crater in the lunar nearside highlands, *Geophys. Res. Lett.*, 34(24), L24206, doi: 10.1029/2007GL031670.
- 7197 Geller, M. A., T. Zhou, and K. Hamilton, 2008, Morphology of tropical upwelling in the lower stratosphere, *J. Atmos. Sci.*, 65(7), 2360-2374, IPRC-476, doi: 10.1175/2007JAS2421.1.
- 7198 Okajima, H., and S.-P. Xie, 2007, Orographic effects on the northwestern Pacific monsoon: Role of air-sea interaction, *Geophys. Res. Lett.*, 34(21), L21708, IPRC-477, doi: 10.1029/2007GL032206.
- 7199 Wang, B., et al. [J.-Y. Lee], 2008, How accurately do coupled climate models predict the leading modes of the Asian-Australian monsoon interannual variability? *Clim. Dyn.*, 30(6), 605-619, IPRC-478, doi: 10.1007/s00382-007-0310-5.
- 7200 Wang, Y., 2008, Rapid filamentation zone in a numerically simulated tropical cyclone, *J. Atmos. Sci.*, 65(4), 1158-1181, IPRC-479.
- 7201 Wu, Y., and K. F. Cheung, 2008, Explicit solution to the exact Riemann problem and application in nonlinear shallow-water equations, *Int. J. Numer. Meth. Fl.*, 57(11), 1649-1668, doi:0.1002/fld.1696.

- 7202 de Szoeko, S. P., and S.-P. Xie, 2008, The tropical eastern Pacific seasonal cycle: Assessment of errors and mechanisms in IPCC AR4 coupled ocean-atmosphere general circulation models, *J. Climate*, 21(11), 2573-2590, IPRC-480, doi: 10.1175/2007JCLI1975.1.
- 7203 Nihous, G. C., 2010, Mapping available ocean thermal energy conversion resources around the main Hawaiian Islands with state-of-the-art tools, *J. Renew. Sustain. Ener.*, 2, 043104, doi: <http://dx.doi.org/10.1063/1.3463051>.
- 7204 Fu, X., B. Yang, Q. Bao, and B. Wang, 2008, Sea surface temperature feedback extends the predictability of tropical intraseasonal oscillation, *Mon. Weather Rev.*, 136(2), 577-597, IPRC-482, doi: 10.1175/2007MWR2172.1.
- 7205 McMurtry, G. M., et al., 2008, Reply to "Mega-highstand or megatsunami?" Discussion of McMurty et al., "Elevated marine deposits in Bermuda record a late quaternary megatsunami", *Sediment. Geol.*, 203(3-4), 313-319, doi: 10.1016/j.sedgeo.2007.11.008.
- 7206 Nihous, G. C., 2010, Notes on the temperature dependence of carbon isotope fractionation by aerobic CH<sub>4</sub> oxydizing bacteria, *Isotopes Environ. Health Stud.*, 46(2), 133-140.
- 7207 Zolensky, M. E., A. N. Krot, and G. K. Benedix, 2008, Record of low temperature alterations in asteroids, *Oxygen in the Solar System, Rev. Mineral. Geochem.*, 68, 429-462.
- 7208 Chen, J.-M., T. Li, and J. Shih, 2007, Fall persistence barrier of sea surface temperature in the South China Sea associated with ENSO, *J. Climate*, 20(2), 158-172, IPRC-414, doi: <http://dx.doi.org/10.1175/JCLI4000.1>.
- 7209 Nihous, G. C., 2011, Assessment of the evolution of water-column stratification following the hypothetical implementation of widespread controlled upwelling in the North Pacific Subtropical Gyre, *J. Mar. Environ. Eng.*, 9(3), 175-189.
- 7210 Nihous, G. C., 2011, Gulf of Mexico aftermath, *Nat. Geosci.*, 4, 141-142, doi: 10.1038/ngeo1098.
- 7211 Chen, W., and T. Li, 2007, Modulation of northern hemisphere wintertime stationary planetary wave activity: East Asian climate relationships by the Quasi-Biennial Oscillation, *J. Geophys. Res.-Atmospheres*, 112(D20), D20120, doi: 10.1029/2007JD008611.
- 7212 Sui, C.-H., P.-H. Chung, and T. Li, 2007, Interannual and interdecadal variability of the summertime western North Pacific subtropical high, *Geophys. Res. Lett.*, 34(11), L11701, IPRC-490, doi: 10.1029/2006GL029204.
- 7213 Nihous, G. C., 2012, Wave power extraction by arbitrary arrays of non-diffracting oscillating water columns, *Ocean Eng.*, 51, 94-105.
- 7214 Pahnke, K., J. P. Sachs, L. Keigwin, A. Timmermann, and S.-P. Xie, 2007, Eastern tropical Pacific hydrologic changes during the past 27,000 years from D/H ratios in alkenones, *Paleoceanogr.*, 22, PA4214, IPRC-483, doi: 10.1029/2007PA001468.
- 7215 Menviel, L., A. Timmermann, A. Mouchet, and O. Timm, 2008, Meridional reorganizations of marine and terrestrial productivity during Heinrich events, *Paleoceanogr.*, 23, PA1203, IPRC-484, doi: 10.1029/2007PA001445.

- 7216 Nihous, G. C., 2014, Maximum wave power absorption by flexible line attenuators, *Appl. Ocean Res.*, 43(1), 68-70.
- 7217 Ge, X., T. Li, and X. Zhou, 2007, Tropical cyclone energy dispersion under vertical shears, *Geophys. Res. Lett.*, 34(23), L23807, IPRC-485, doi: 10.1029/2007GL031867.
- 7218 Du, Y., T. Qu, and G. Meyers, 2008, Interannual variability of sea surface temperature off Java and Sumatra in a global GCM, *J. Climate*, 21(11), 2451-2465, IPRC-487, doi: <http://dx.doi.org/10.1175/2007JCLI1753.1>.
- 7219 Zhou, X., and B. Wang, 2007, Transitions from an eastern Pacific upper-level mixed Rossby-gravity wave to a western Pacific tropical cyclone, *Geophys. Res. Lett.*, 34(24), L24801, IPRC-486, doi: 10.1029/2007GL031831.
- 7220 Maximenko, N. A., P. P. Niiler, and O. V. Melnichenko, 2008, Global mean dynamic ocean topography reveals new coherent features of surface circulation, *Proc. Inter. Conf. Fluxes and Structures in Fluid*, Moscow, Russia, pp. 146-155, IPRC-488.
- 7221 Santella, N., D. T. Ho, P. Schlosser, and M. Stute, 2008, Widespread elevated atmospheric SF6 mixing ratios near urban areas in the Northeastern United States: Implications for groundwater dating, *J. Hydrology*, 349, 139-146, doi: 10.1016/j.jhydrol.2007.10.031.
- 7222 Schmieder, P. J., D. T. Ho, P. Schlosser, J. F. Clark, and S. G. Schladow, 2008, An SF6 tracer study of the flow dynamics in the Stockton Deep Water Channel: Implications for dissolved oxygen, *Estuar. Coasts*, 31(6), 1038-1051, doi: 10.1007/s12237-008-9093-0.
- 7223 Nihous, G. C., 2014, Maximum wave power absorption by slender bodies of arbitrary cross sections in oblique seas, *Appl. Ocean Res.*, 47(1), 17-27, <http://dx.doi.org.eres.library.manoa.hawaii.edu/10.1016/j.apor.2014.03.007>.
- 7224 Lawrence, S. J., et al. [B. R. Hawke, J. J. Gillis-Davis, G. J. Taylor, J. T. Cahill, P. G. Lucey, G. A. Smith, K. Keil], 2008, The composition and origin of the Dewar geochemical anomaly, *J. Geophys. Res.-Planets*, 113(E2), E02001, doi: 10.1029/2007JE002904.
- 7225 Huss, G. R., and J. B. Smith, 2007, Titanium isotopic compositions of well-characterized silicon carbide grains from Orgueil (CI): Implications for s-process nucleosynthesis, *Meteorit. Planet. Sci.*, 42(7-8), 1055-1075, doi: 10.1111/j.1945-5100.2007.tb00561.x.
- 7226 Guan, Y., G. R. Huss, and L.A. Leshin, 2007,  $^{60}\text{Fe}$ - $^{60}\text{Ni}$  and  $^{53}\text{Mn}$ - $^{53}\text{Cr}$  isotopic systems in sulfides from unequilibrated enstatite chondrites, *Geochem. Cosmochim. Acta*, 71(6), 4082-4091, HIGP-1510.
- 7227 Ge, X., T. Li, Y. Wang, and M. S. Peng, 2008, Tropical cyclone energy dispersion in a three-dimensional primitive equation model: upper Tropospheric influence, *J. Atmos. Sci.*, 65(7), 2272-2289, IPRC-489.
- 7228 Ho, D. T., V. C. Engel, E. A. Variano, P. J. Schmieder, and M. E. Condon, 2009, Tracer studies of sheet flow in the Florida Everglades, *Geophys. Res. Lett.*, 36(9), L09401, doi: 10.1029/2009GL037355.
- 7229 Sansone, F. J., H. L. Spalding, and C. M. Smith, 2008, Submersible-operated porewater sampler for permeable sediments, *Limnol. Ocean. Methods*, 6, 119-125.



- 7230 Kikuchi, K., and B. Wang, 2008, Diurnal precipitation regimes in the global tropics, *J. Climate*, 21(11), 2680-2696, IPRC-491, doi: 10.1175/2007JCLI2051.1.
- 7231 Wu, L., C. Li, C. Yang, and S.-P. Xie, 2008, Global teleconnections in response to a shutdown of the Atlantic meridional overturning circulation, *J. Climate*, 21(12), 3002-3019, IPRC-492, doi: 10.1175/2007JCLI1858.1.
- 7232 Wilson, C., et al. [N. Maximenko], 2008, Biological and physical forcings of late summer chlorophyll blooms at 30°N in the oligotrophic Pacific, *J. Mar. Syst.*, 69(3-4), 164-176, IPRC-350.
- 7233 Variano, E. A., D. T. Ho, V. C. Engel, P. J. Schmieder, and M. C. Reid, 2009, Flow and mixing dynamics in a patterned wetland: Kilometer-scale tracer releases in the Everglades, *Water Resour. Res.*, 45, W08422, doi: 10.1029/2008WR007216.
- 7234 Wolfe, C. J., B. A. Brooks, J. H. Foster, and P. G. Okubo, 2007, Microearthquake streaks and seismicity triggered by slow earthquakes on the mobile south flank of Kilauea Volcano, Hawai'i, *Geophys. Res. Lett.*, 34(23), L23306, doi: 10.1029/2007GL031625.
- 7235 Hamilton, K., 2007, Numerical resolution and modeling of the global atmospheric circulation: A review of our current understanding and outstanding issues, in Hamilton, K., and W. Ohfuchi (eds.), *High Resolution Numerical Modeling of the Atmosphere and Ocean*, Springer-Verlag, New York, p. 7-28.
- 7236 Hamilton, K., and W. Ohfuchi (eds.), 2007, *High Resolution Numerical Modeling of the Atmosphere and Ocean*, Springer Publishing, 280 pp.
- 7237 Nihous, G. C., 2014, The method of imbedded Lagrangian element to estimate wave power absorption by some submerged devices, *J. Marine Sci. Appl.*, 13(2), 134-142, doi: 10.1007/s11804-014-1247-9.
- 7238 Beman, J. M., B. N. Popp, and C. A. Francis, 2008, Molecular and biogeochemical evidence for ammonia oxidation by marine Crenarchaeota in the Gulf of California, *Int. Soc. Microbial Ecol. J.*, 2, 429-441, doi: 10.1038/ismej.2007.118.
- 7239 Qu, T., S. Gao, I. Fukimori, R. A. Fine, and E. J. Lindstrom, 2008, Subduction of South Pacific waters, *Geophys. Res. Lett.*, 35(2), L02610, IPRC-495, doi: 10.1029/2007GL032605.
- 7240 Solomon, A., S.-I. Shin, M. A. Alexander, and J. P. McCreary, 2008, The relative importance of tropical variability forced from the North Pacific through ocean pathways, *Clim. Dyn.*, 31(2-3), 315-331, IPRC-496, doi: 10.1007/s00382-007-0353-7.
- 7241 Kim, S. P., and P. Wessel, 2008, Directional median filtering for regional-residual separation of bathymetry, *Geochem., Geophys., Geosyst.*, 9(3), Q03005, doi: 10.1029/2007GC001850.
- 7242 Kim, J. W., J. H. Kyoung, R. C. Ertekin, and K. J. Bai, 2006, Finite-element computation of wave-structure interaction of steep stroke waves and vertical cylinders, *J. Waterway, Port, Coastal, Ocean Eng.*, ASCE, Sept./Oct., 132(5), 337-347.
- 7243 Xia, D., R. C. Ertekin, and J. W. Kim, 2008, Fluid-structure interaction between a two-dimensional mat-type VLFS and solitary waves by the Green-Naghdi theory, *J. Fluids Struct.*, 24(4), 527-540.

- 7244 Riggs, H. R., H. Suzuki, R. C. Ertekin, J. W. Kim, and K. Iijimae, 2008, Comparison of hydroelastic computer codes based on the ISSC VLFS benchmark, *Ocean Eng.*, 35, 589-597, doi: 10.1016/j.oceaneng.2008.01.012.
- 7245 Richter, I., and S.-P. Xie, 2008, On the origin of equatorial Atlantic biases in coupled circulation models, *Clim. Dyn.*, 31(5), 587-598, IPRC-498.
- 7246 Hong, C.-C., T. Li, L. Ho, and J.-S. Kug, 2008, Asymmetry of the Indian Ocean dipole. Part I: Observational analysis, *J. Climate*, 21(18), 4834-4848, IPRC-499.
- 7247 Hong, C.-C., T. Li, and J.-J. Luo, 2008, Asymmetry of the Indian Ocean Dipole. Part II: Model diagnosis, *J. Climate*, 21(18), 4849-4858, IPRC-500.
- 7248 Yang, Y., J. Ma, and S.-P. Xie, 2008, Observations of the trade wind wakes of Kauai and Oahu, *Geophys. Res. Lett.*, 35(4), L04807, IPRC-497, doi: 10.1029/2007GL031742.
- 7249 Nihous, G. C., C. K. Kinoshita, and S. M. Masutani, 2009, A determination of the activity of water in water-alcohol mixtures using mobile order thermodynamics, *Chem. Eng. Sci.*, 64(11), 2767-2771.
- 7250 Chaussidon, M., G. Libourel, and A. N. Krot, 2008, Oxygen isotope constraints on the origin of magnesium chondrules and on the gaseous reservoirs in the early solar system, *Geochim. Cosmochim. Acta*, 72(7), 1924-1938.
- 7251 Measures, C. I., W. M. Landing, M. T. Brown, and C. S. Buck, 2007, High resolution Al and Fe data from the CLIVAR-CO<sub>2</sub> repeat hydrography A16N transect: extensive linkages between atmospheric dust and upper ocean geochemistry, *Global Biogeochem. Cycles*, 22, GB1005, doi: 10.1029/2007GB003042.
- 7252 Wang, B., and Q. Ding, 2008, Global monsoon: Dominant modes of annual variations in the tropics, *Dyn. Atmos. Ocean*, 44(3-4), 165-183, IPRC-502, doi: 10.1016/j.dynatmoce.2007.05.002.
- 7253 Xie, S.-P., Y. Okumura, T. Miyama, and A. Timmermann, 2008, Influences of Atlantic climate change on the tropical Pacific via the Central American Isthmus, *J. Climate*, 21(15), 3914-3928, IPRC-503.
- 7254 Zappa, C. J., et al. [D. T. Ho], 2009, Rain-induced turbulence and air-sea gas transfer, *J. Geophys. Res.-Oceans*, 114(C7), C07009, doi: 10.1029/2008JC005008.
- 7255 Aiki, H., and K. J. Richards, 2008, Energetics of the global ocean: the role of layer-thickness form drag, *J. Phys. Oceanogr.*, 38(9), 1845-1869, IPRC-504.
- 7256 Turk, D., C. J. Zappa, C. S. Meinen, J. R. Christian, D. T. Ho, A. G. Dickson, W. R. McGillis, 2010, Rain impacts on CO<sub>2</sub> exchange in the western equatorial Pacific Ocean, *Geophys. Res. Lett.*, 37(23), L23610, doi: 10.1029/2010GL045520.
- 7257 Lam, P., J. P. Cowen, B. N. Popp, and R. D. Jones, 2008, Microbial ammonia oxidation and enhanced nitrogen cycling in the Endeavour hydrothermal plume, *Geochim. Cosmochim. Acta*, 72(9), 2268-2286, doi: 10.1016/j.gca.2008.01.033.
- 7258 Cherubini, T., S. Businger, R. Lyman, and M. Chun, 2008, Modeling optical turbulence and seeing over Mauna Kea, *J. Appl. Meteorol. Climatol.*, 47(4), 1140-1155, doi: 10.1175/2007JAMC1487.1.
- 7259 Munger, S., and K. F. Chung, 2008, Resonance in Hawaii waters from the November

- 2006 Kuril Islands Tsunami, *Geophys. Res. Lett.*, 35(7), L07605, doi: 10.1029/2007GL032843.
- 7260 Minobe, S., A. Kuwano-Yoshida, N. Komori, S.-P. Xie, and R. J. Small, 2008, Influence of the Gulf Stream on the troposphere, *Nature*, 452, 206-209, IPRC-505, doi: 10.1038/nature06690.
- 7261 Boer, G. J., and K. Hamilton, 2008, QBO influence on extratropical predictive skill, *Clim. Dyn.*, 31(7), 987-1000, IPRC-506.
- 7262 Kohout, T., G. Kletetschka, F. Donadini, M. Fuller, and E. Herrero-Bervera, 2008, Analysis of the natural remanent magnetization of Rocks by measuring the efficiency ratio through alternating field demagnetization spectra, *Studia Geophys. Geod.*, 52, 225-235.
- 7263 Singer, B., B. R. Jicha, B.T. Kirby, J.W. Geissman, and E. Herrero-Bervera, 2008,  $^{40}\text{Ar}/^{39}\text{Ar}$  dating links Albuquerque volcanoes to the Pringle Falls excursion and the geomagnetic instability time scale, *Earth Planet. Sci. Lett.*, 267(3-4), 584-595, doi: 10.1016/j.epsl.2007.12.009.
- 7264 Bischoff, A., E. R. D. Scott, K. Metzler, and C. A. Goodrich, 2006, Nature and origins of meteoritic breccias, in Lauretta, D. S., and H. Y. McSween, Jr. (eds.), *Meteorites and the Early Solar System II*, Univ. Arizona Press, p. 679-712.
- 7265 Righter, K., M. J. Drake, and E. Scott, 2006, Compositional relationships between meteorites and terrestrial planets, in Lauretta, D. S., and H. Y. McSween, Jr. (eds.), *Meteorites and the Early Solar System II*, Univ. Arizona Press, p. 803-828.
- 7266 Mittlefehldt, D. W., F. Hörz, T. H. See, E. R. D. Scott, and S. A. Mertzman, 2005, Geochemistry of target rocks, impact-melt particles and metallic spherules from Meteor Crater, Arizona: Empirical evidence on the impact process, in Kenkmann, T., F. Hörz, and A. Deutsch (eds.), *Large Meteorite Impacts III*, GSA Spec. Pap. 384, p. 367-390.
- 7267 Goodrich, C. A., E. R. D. Scott, and A. M. Fioretti, 2004, Ureilitic breccias: Clues to the petrologic structure and impact disruption of the ureilite parent asteroid, *Chem. Erde-Geochem.*, 64(4), 283-327.
- 7268 Buesseler, K. O., et al. [R. R. Bidigare, D. M. Karl], 2007, Revisiting carbon flux through the ocean's twilight zone, *Science*, 316, 567-570.
- 7269 Di Lorenzo, E., N. Schneider, K. M. Cobb, P. J. S. Franks, K. Chhak, A. J. Miller, J. C. McWilliams, S. J. Bograd, H. Arango, E. Curchitser, T. M. Powell, and P. Rivière, 2008, North Pacific Gyre Oscillation links ocean climate and ecosystem change, *Geophys. Res. Lett.*, 35(8), L08607, IPRC-507, doi: 10.1029/2007GL032838.
- 7270 Karl, D. M., 2007, Microbial nucleotide fingerprints in nature, in Reddy, C. A., T. Beveridge, J. A. Breznak, G. A. Marzluf, T. M. Schmidt, and L. R. Snyder (eds.), *Methods for General and Molecular Microbiology*, ASM Press, Washington, DC, p. 869-878.
- 7271 Sasaki, Y. N., et al. [N. Schneider], 2008, Decadal sea level variability in the South Pacific in a global eddy-resolving ocean model hindcast, *J. Phys. Oceanogr.*, 38(8), 1731-1747, IPRC-508, doi: <http://dx.doi.org/10.1175/2007JPO3915.1>.
- 7272 Nihous, G. C., K. Kuroda, J. R. Lobos-González, R. J. Kurasaki, and S. M. Masutani, 2010, An analysis of gas hydrate dissociation in the presence of thermodynamic

- inhibitors, *Chem. Eng. Sci.*, 65(5), 1748-1761.
- 7273 Rajagopalan, K., and G. C. Nihous, 2013, An assessment of global ocean thermal energy conversion (OTEC) resources with a high-resolution ocean general circulation model, *J. Energy Resour. Technol.*, 135(4), 041202-041202-9, doi: 10.1115/1.4023868.
- 7274 Yang, Y., S.-P. Xie, and J. Hafner, 2008, The thermal wake of Kauai Island: Satellite observations and numerical simulations, *J. Climate*, 21(18), 4568-4586, IPRC-509.
- 7275 Rajagopalan, K., and G. C. Nihous, 2013, An assessment of global ocean thermal energy conversion resources under broad geographical constraints, *J. Renew. Sustain. Energy*, 5(6), 063124, doi: 10.1063/1.4850521.
- 7276 Wang, Y., 2008, Structure and formation of an annular hurricane simulated in a fully-compressible, nonhydrostatic model-TCM4, *J. Atmos. Sci.*, 65(5), 1505-1527, IPRC-474.
- 7277 Allmendinger, R. W., R. Smalley, M. Bevis, H. Caprio, and B. Brooks, 2005, Bending the Bolivian orocline in real time, *Geology*, 33(11), 905-908.
- 7278 Brooks, B. A., J. H. Foster, J. J. McGuire, and M. D. Behn, 2011, Submarine landslides and slow earthquakes: Monitoring motion with GPS and seafloor geodesy, in Lee, W. H. K., D. ben-Avraham, S. Havlin, M. A. Helal, M. Sahimi, and M. C Marchetti, *Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecasting and Early Warning of their Hazards*, Encyclopedia of Complexity and System Science, Springer, p. 889-907.
- 7279 Brooks, B. A., and L. N. Frazer, 2005, Importance reweighting reduces dependence on temperature in Gibbs samplers: an application to the coseismic geodetic inverse problem, *Geophys. J. Int.*, 161(1), 12-20, doi: 10.1111/j.1365-246X.2005.02573.x.
- 7280 Rajagopalan, K., and G. C. Nihous, 2013, Estimates of global ocean thermal energy conversion (OTEC) resources using an ocean general circulation model, *Renew. Energ.*, 50(1), 532-540.
- 7281 Foster, J., B. Brooks, T. Cherubini, C. Shacat, S. Businger, and C. L. Werner, 2006, Mitigating atmospheric noise for InSAR using a high resolution weather model, *Geophys. Res. Lett.*, 33(16), L16304, doi: 10.1029/2006GL026781.
- 7282 Ichikawa, R., M. Bevis, J. Foster, and M. Nobutaka, 2008, Evaluation of the anisotropic mapping function using the JMA 10km spectral model, *Trans. Japan. Soc. Aero. Space Sci.*, 51(171), 16-21.
- 7283 Patrick, M. R., L. N. Frazer, and B. A. Brooks, 2006, Probabilistic modeling of eruptive activity at Etna volcano using InSAR surface displacements and ATSR thermal radiance, *Geophys. Res. Lett.*, 33(18), L18312, doi: 10.1029/2006GL026983.
- 7284 Taylor, F. W., et al. [J. Foster], 2008, Kinematics and segmentation of the South Shetland Islands-Bransfield basin system, northern Antarctic Peninsula, *Geochem. Geophys. Geosyst.*, 9(4), Q04035, doi: 10.1029/2007GC001873.
- 7285 Inoue, H., M. F. Coffin, Y. Nakamura, K. Mochizuki, and L. W. Kroenke, 2008, Intrabasement reflections of the Ontong Java Plateau: Implications for plateau construction, *Geochem. Geophys. Geosyst.*, 9(4), Q04014, doi: 10.1029/2007GC001780.

- 7286 Kroenke, L. W., P. Wessel, and A. K. Sterling, 2004, Motion of the Ontong Java Plateau in the hot-spot frame of reference: 122 Ma–present, in Fitton, J. G., J. J. Mahoney, P. J. Wallace, and A. D. Saunders (eds.), *Origin and Evolution of the Ontong Java Plateau*, Geol. Soc. London, Spec. Pubs., Vol. 229, p. 9-20.
- 7287 Zhao, X., M. Antretter, L. Kroenke, P. Riisager, and S. Hall, 2004, Relationships between physical properties and alteration in basement rocks from the Ontong Java Plateau, in Fitton, J. G., J. J. Mahoney, P. J. Wallace, and A. D. Saunders (eds.), *Proc. Ocean Drill. Proj., Sci. Results*, 192, 1-34 [CD-ROM].
- 7288 Shipboard Scientific Party, 2004, Leg 192 summary, in Fitton, J. G., J. J. Mahoney, P. J. Wallace, and A. D. Saunders (eds.), *Proc. Ocean Drill. Proj., Init. Rpts.*, 192, College Station, TX, 1-75 and Leg 192 [CD-ROM].
- 7289 Auzende, J.-M., L. Kroenke, J.-Y. Collot, Y. Lafoy, and B. Pelletier, 1996, Compressive tectonism along the eastern margin of Malaita Island (Solomon Islands), *Mar. Geophys. Res.*, 18, 2-4, 289-304, doi: 10.1007/BF00286082.
- 7290 Kroenke, L. W., J. F. Campbell, and P. A. Jarvis, 1994, McCall and Jaggar Seamounts, SeaMARC II sidescan bathymetry and acoustic character, 1:250,000, Sheet 12, *Hawaii Seafloor Atlas*, Hawaii Institute of Geophysics, Honolulu, Hawaii.
- 7291 Kroenke, L. W., J. F. Campbell, and P. A. Jarvis, 1994, Mendelssohn and Schumann Seamounts, SeaMARC II sidescan bathymetry and acoustic character, 1:250,000, Sheet 11, *Hawaii Seafloor Atlas*, Hawaii Institute of Geophysics, Honolulu, Hawaii.
- 7292 Kroenke, L. W., J. F. Campbell, and P. A. Jarvis, 1994, Stearns Seamount, SeaMARC II Sidescan bathymetry and acoustic character, 1:250,000, Sheet 9, *Hawaii Seafloor Atlas*, Hawaii Institute of Geophysics, Honolulu, Hawaii.
- 7293 Campbell, J. F., and L. W. Kroenke, 1994, Drowned barrier reefs, lagoons, and terraces, SeaMARC/S bathymetry and sidescan sonar image, South of Molokai and West of Lanai, Hawaiian Islands, 1:100,000, Sheet 8, *Hawaii Seafloor Atlas*, Hawaii Institute of Geophysics, Honolulu, Hawaii.
- 7294 Kroenke, L. W., and J. V. Eade (eds.), 1994, *Basin Formation, Ridge Crest Processes, and Metallogenesis in the North Fiji Basin*, Circum-Pacific Council for Energy and Mineral Resources, Earth Science Series, v. 15, Springer-Verlag, New York, 169 pp.
- 7295 Jarvis, P., J. E. Hughes Clarke, D. Tiffin, M. Tanahashi, and L. W. Kroenke, 1994, The western Fiji transform fault and its role in the dismemberment of the Fiji Platform, *Mar. Geol.*, 116, 57-68.
- 7296 Malahoff, A., L. W. Kroenke, N. Cherkis, and J. Brozena, 1994, Magnetic and tectonic fabric of the North Fiji Basin and Lau Basin, in Kroenke, L. W., and J. V. Eade (eds.), *Basin Formation, Ridge Crest Processes, and Metallogenesis in the North Fiji Basin*, Circum-Pacific Council for Energy and Mineral Resources, Earth Science Series, Vol. 15, Springer-Verlag, New York, p. 49-61.
- 7297 Berger, W. H., L. W. Kroenke, L. A. Mayer, and J. Backman, 1991, Drilling on Ontong Java Plateau, Leg 130; the Neogene carbonate paradox, in Berger, W. H., et al. (eds.), *Proc. Ocean Drill. Proj., Sci. Results*, 130, College Station, TX, p. 497–537, doi: 10.2973/odp.proc.ir.130.110.1991.
- 7298 Hagen, R. A., et al. [L. W. Kroenke], 1991, Basement structure of the Northern Ontong

- Java Plateau, in Berger, W. H., et al. (eds.), *Proc. Ocean Drill. Proj., Sci. Results*, 130, College Station, TX, p. 23-31.
- 7299 Hughes Clarke, J. E., P. Jarvis, D. Tiffin, R. Price, and L. Kroenke, 1993, Tectonic activity and plate boundaries along the northern flank of the Fiji Platform, *Geo-Marine Lett.*, 13(2), 98-106.
- 7300 Scheibner, E., T. Sato, C. Craddock (compilers), and L. W. Kroenke, (contributing author), 1991, Tectonic Map of the Circum-Pacific Region, Southwest Quadrant, Lambert Azimuthal Equal-Area Projection, scale 1:10,000,000 at 35°S, 135°E, *Circum-Pacific Map Project*, U.S. Geological Survey.
- 7301 Edwards, H. K., D. Tripp, T. Castile, D. Thomas, and D. Bevens, 2007, Software engineering projects for public safety—Modeling lava flows on the Big Island, *Proc. 2007 Conf. Software Eng. Res. and Practice*, June 2007, Las Vegas, Nevada, United States. CSREA Press, ISBN 1-60132-033-7, p. 159-165.
- 7302 Edwards, H. K., R. R. Puckett, and D. Thomas, 2005, Updating Scientific Legacy Systems to bridge the digital divide: A case study, *Proc. 2005 Conf. Software Eng. Res. and Practice*, Las Vegas, Nevada, United States, p. 618-626.
- 7303 DePaolo, D. J., E. Stolper, and D. Thomas, 2001, Deep drilling into a Hawaiian volcano; The Hawaiian Scientific Drilling Project, *EOS, Trans. AGU*, 82(13), 154-155.
- 7304 Thomas, D. M., 1998, Geothermal resources, *Atlas of Hawaii*, University of Hawaii Press, Honolulu, HI, p. 47-48.
- 7305 Guillou, H., L. Turpin, F. Garnier, S. Charbit, and D. M. Thomas, 1997, Unspiked K-Ar dating of Pleistocene tholeiitic basalts from the deep core SOH-4, Kilauea, Hawaii, *Chem. Geol.*, 140(1-2), 81-88.
- 7306 DePaolo, D. J., et al. [D. Thomas, M. O. Garcia, R. Moberly, G. F. Moore, G. Walker, R. Wilkins], 1996, Hawaii Scientific Drilling Project; summary of preliminary results, *GSA Today*, 6(8), 1-8.
- 7307 Garnier, F., et al. [E. Herrero-Bevera, D. M. Thomas], 1996, Geomagnetic field intensity over the last 42,000 years obtained from core SOH-4, Big Island, Hawaii, *J. Geophys. Res.*, 101(B1), 585-600, doi: 10.1029/95JB03120.
- 7308 Garnier, F., C. Laj, E. Herrero-Bervera, C. Kissel, and D. M. Thomas, 1996, Preliminary determinations of the geomagnetic field intensity for the last 450 kyr from Hawaii Scientific Drilling Project core, Big Island, Hawaii, *J. Geophys. Res.*, 101(B5), 11,625-11,632, doi: 10.1029/95JB03844.
- 7309 Paillet, F., and D. M. Thomas, 1996, Hydrogeology of the Hawaii Scientific Drilling Project borehole KP-1: 1. Hydraulic conditions adjacent to the well bore, *J. Geophys. Res.*, 101(B5), 11,675-11,682, doi: 10.1029/95JB03445.
- 7310 Thomas, D. M., F. Paillet, and M. Conrad, 1996, Hydrogeology of the Hawaii Scientific Drilling Project borehole KP-1: 2. Groundwater geochemistry and regional flow patterns, *J. Geophys. Res.*, 101(B5), 11,683-11,694, doi: 10.1029/95JB03845.
- 7311 Craig, M. T., et al., 2009, How many species of goliath grouper are there? Cryptic genetic divergence in a threatened marine fish and the resurrection of a geopolitical species, *Endang. Species Res.*, 7, 167-174, doi: 10.3354/esr00117.

- 7312 Richards, K. J., H. Sasaki, and F. O. Bryan, 2008, Jets and waves in the Pacific Ocean, in Ohfuchi, W., and K. Hamilton (eds.), *High-Resolution Numerical Modelling of the Atmosphere and Ocean*, Springer Verlag, New York, p. 187-196, doi: 10.1007/978-0-387-49791-4\_11.
- 7313 Squires, K., and S. Businger, 2008, The morphology of eyewall lightening outbreaks in two category five hurricanes, *Mon. Weather Rev.*, 136(5), 1706-1726, doi: 10.1175/2007MWR2150.1.
- 7314 Wang, B., J. Yang, and T. Zhou, 2008, Interdecadal changes in the major modes of Asian-Australian monsoon variability: Strengthening relationship with ENSO since late 1970s, *J. Climate*, 21(8), 1771-1789, doi: 10.1175/2007JCLI1981.1.
- 7315 Rajagopalan, K., and G. C. Nihous, 2014, Predictions of water-column properties under widespread artificial upwelling scenarios in the North Pacific Subtropical Gyre using an ocean general circulation model, *J. Mar. Environ. Eng.*, 9(4), 285-304.
- 7316 Qiu, B., et al. [S. Chen, P. Hacker], 2008, The Kuroshio Extension northern recirculation gyre: Profiling float measurements and forcing mechanisms, *J. Phys. Oceanogr.*, 38(8), 1764-1779, IPRC-615, doi: 10.1175/2008JPO3921.1.
- 7317 Qiu, B., P. Hacker, S. Chen, K. A. Donohue, D. R. Watts, H. Mitsudera, N. G. Hogg, and S. R. Jayne, 2006, Observations of the subtropical mode water evolution from the Kuroshio Extension System Study, *J. Phys. Oceanogr.*, 36(3), 457-473, doi: 10.1175/JPO2849.1.
- 7318 Firing, E., Y. Kashino, and P. Hacker, 2005, Energetic subthermocline currents observed east of Mindanao, *Deep-Sea Res. II*, 52(3-4), 605-613.
- 7319 Qiu, B., S. Chen, and P. Hacker, 2004, Synoptic-scale air-sea flux forcing in the western North Pacific, *J. Phys. Oceanogr.*, 34(10), 2148-2159.
- 7320 Han, W., P. Webster, R. Lukas, P. Hacker, and A. Hu, 2004, Impact of atmospheric intraseasonal variability in the Indian Ocean: Low-frequency rectification in equatorial surface current and transport, *J. Phys. Oceanogr.*, 34(6), 1350-1372.
- 7321 Shcherbina, A. Y., L. D. Talley, E. Firing, and P. Hacker, 2003, Near-surface frontal zone trapping and deep upward propagation of internal wave energy in the Japan/East Sea, *J. Phys. Oceanogr.*, 33(4), 900-912.
- 7322 Webster, P. J., et al. [P. Hacker, R. Lukas, and J. M. Hummon], 2002, The Joint Air-Sea Monsoon Interaction Experiment (JASMINE) pilot study, *Bull. Amer. Meteor. Soc.*, 83(11), 1603-1630, doi: 10.1175/BAMS-83-11-1603(2002)0832.3.CO;2.
- 7323 DiMarco, S. F., et al. [P. Hacker and K. Donohue], 2002, Volume transport and property distributions of the Mozambique Channel, *Deep-Sea Res. II*, 49(7-8), 1481-1511.
- 7324 Meyers, G., et al. [P. Hacker], 2001, Monsoon, seasonal and interannual applications of an Indian Ocean observing system, in Koblinsky, C. J., and N. R. Smith (eds.), *Observing the Oceans in the 21st Century*, 2001 GODAE Project Office, Bureau of Meteorology, Melbourne VIC 3001, p. 48-65.
- 7325 Soloviev, A., R. Lukas, and P. Hacker, 2001, An approach to parameterization of the oceanic turbulent boundary layer in the western Pacific warm pool, *J. Geophys. Res.*, 106(C3), 4421-4435, doi: 10.1029/2000JC900154.

- 7326 Feng, M., et al. [R. Lukas, P. Hacker], 2000, Upper-ocean heat and salt balances in the western equatorial Pacific in response to the Intraseasonal Oscillation during TOGA COARE, *J. Climate*, 13(14), 2409-2427, doi: [http://dx.doi.org/10.1175/1520-0442\(2000\)013<2409:UOHASB>2.0.CO;2](http://dx.doi.org/10.1175/1520-0442(2000)013<2409:UOHASB>2.0.CO;2).
- 7327 Hacker, P., R. Lukas, and P. J. Webster, 1999, A tropical Indian Ocean observing system for climate studies with focus on the Bay of Bengal sector, *Proc. Inter. Conf. Ocean Observ. Syst. Climate*, October 18-22, 1999, Saint-Raphael, France, Vol. 2.
- 7328 Meyers, G., et al. [P. Hacker], 1999, A southern hemisphere perspective: Monsoon, seasonal and inter annual applications of an Indian Ocean observing system, *Proc. Inter. Conf. Ocean Observ. Syst. Climate*, October 18-22, 1999, Saint-Raphael, France, Vol. 1.
- 7329 Wijffels, S., et al. [P. Hacker, E. Firing], 1998, Multiple deep gyres of the western North Pacific: A WOCE section along 149°E, *J. Geophys. Res.*, 103(C6), 12,985-13,009, doi: 10.1029/98JC01016.
- 7330 Gordon, A. L., et al. [P. Hacker], 1997, Advection and diffusion of Indonesian throughflow water within the Indian Ocean South Equatorial Current, *Geophys. Res. Lett.*, 24(21), 2573-2576.
- 7331 Knies, J., U. Mann, B. Popp, R. Stein, and H. J. Brumsack, 2008, Surface water productivity and paleoceanographic implications in the Cenozoic Arctic Ocean, *Paleoceanogr.*, 23(1), doi: 10.1029/2007PA001455.
- 7332 Yang, B., X. Fu, and B. Wang, 2008, Atmosphere-ocean conditions jointly guide convection of the boreal summer intraseasonal oscillation: satellite observations, *J. Geophys. Res.-Atmos.*, 113(D11), D11105, IPRC-510.
- 7333 Feng, M., et al. [R. Lukas and P. Hacker], 2005, Upper ocean momentum balances in the western equatorial Pacific on the intraseasonal time scale, *Deep-Sea Res. I*, 52(5), 749-765.
- 7334 Wang, B., et al., 2008, How to measure the strength of the East Asian summer monsoon, *J. Climate*, 21(17), 4449-4463, IPRC-511, doi: <http://dx.doi.org/10.1175/2008JCLI2183.1>.
- 7335 Hagerty, J. J., et al. [B. R. Hawke], 2006, Refined thorium abundances for lunar red spots: Implications for evolved, non-mare volcanism on the Moon, *J. Geophys. Res.-Planets*, 111(E6), E06002, doi: 10.1029/2005JE002592.
- 7336 Ike, T., et al. [G. F. Moore], 2008, Variations in sediment thickness and type along the northern Philippine Sea plate at the Nankai Trough, *Island Arc*, 17(3), 342-357, doi: 10.1111/j.1440-1738.2008.00624.x
- 7337 Wang, B., and H. Yang, 2008, Hydrological issues in lateral boundary conditions for regional climate modeling: simulation of East Asian monsoon in 1998, *Clim. Dyn.*, 31(4), 477-490, IPRC-512, doi: 10.1007/s00382-008-0385-7.
- 7338 Yoza, B. A., et al. [G. C. Nihous, P. K. Takahashi, S. M. Masutani], 2010, Deep ocean water resources in the 21st Century, *Mar. Technol. Soc. J.*, 44(3), 80-87.
- 7339 Timm, O., A. Timmermann, A. Abe-Ouchi, F. Saito, and T. Segawa, 2008, On the definition of seasons in paleoclimate simulations with orbital forcing, *Paleoceanogr.*, 23, PA2221, IPRC-513, doi: 10.1029/2007PA001461.



- 7340 Karl, D. M., 2007, Microbial oceanography: paradigms, processes and promise, *Nature Rev. Microbiol.*, 5, 759-769.
- 7341 Void.
- 7342 Zhu, W., and K. Hamilton, 2008, Empirical estimates of global climate sensitivity: An assessment of strategies using a coupled GCM, *Adv. Atmos. Sci.*, 25(3), 339-347, IPRC-514.
- 7343 Zinin, P. V., and M. H. Manghnani, 2006, Elasticity characterization of covalent (B-C-N) hard materials and films by Brillouin scattering, in Amarendra, G., and M. H. Manghnani (eds.), *Recent Advances in Materials Characterization*, CRC Press, London, p. 176-224.
- 7344 Weiss, E. C., R. M. Lemor, G. Pilarczyk, and P. V. Zinin, 2007, Mechanical properties of single cells, *IEEE Trans. Ultrasonics Ferroelec. Freq. Control*, 54(11), 2257-2271.
- 7345 Weiss, E. C., R. M. Lemor, G. Pilarczyk, P. Anastasiadis, and P. V. Zinin, 2007, Imaging of focal contacts of chicken heart muscle cells by high-frequency acoustic microscopy, *Ultrasound Med. Biol.*, 33(8) 1320-1326.
- 7346 Zinin, P. V., I. Kudryashov, N. Konishi, L. C. Ming, and S. K. Sharma, 2007, Raman spectroscopy of the BC<sub>3</sub> phase obtained under high pressure and high temperature, *J. Raman Spectrosc.*, 38(10), 1362-1367.
- 7347 Zinin, P. V., et al. [L. C. Ming, M. H. Manghnani, S. K. Sharma], 2006, Pressure- and temperature-induced phase transition in the B-C system, *J. Appl. Phys.*, 100(1), 013516.
- 7348 Bernland, K., B. Köhler, P. V. Zinin, D. Fei, and D. A. Rebinsky, 2006, Combined FIB technique with acoustic microscopy to detect steel-DLC interface defects, *Diam. Relat. Mater.*, 15(9), 1405-1411.
- 7349 Ming, L. C., et al. [P. V. Zinin], 2006, A new cubic phase of C<sub>3</sub>N<sub>4</sub> synthesized in diamond-anvil cell, *J. Appl. Phys.*, 99(3), 033520.
- 7350 Zinin, P. V., J. S. Allen III, and V. M. Levin, 2005, The mechanical resonances of bacteria cells, *Phys. Rev. E*, 72, 61907.
- 7351 Zinin, P. V., V. L. Solozhenko, A. Malkin, and L. C. Ming, 2005, Atomic Force Microscopy studies of cubic BC<sub>2</sub>N, a new superhard phase, *J. Mater. Sci. Lett.*, 40(11) 3009-3011.
- 7352 Manghnani, M. H., et al. [S. N. Tkachev, P. V. Zinin], 2005, Elastic properties of nc-TiN/a-Si<sub>3</sub>N<sub>4</sub> nanocomposite films by surface Brillouin scattering, *J. Appl. Phys.*, 97(5), 054308(4).
- 7353 Matthaehi-Schulz, E., et al. [P. Zinin], 2001, Quantitative acoustic microscopy for determination of properties of hard coatings, *Mikrochimica Acta*, 133(1-4), 11-15, doi: 10.1007/s006040070065.
- 7354 Flynn, L. P., A. J. L. Harris, D. A. Rothery, and C. Oppenheimer, 2000, Landsat and hyperspectral analyses of active lava flows, in Mouginiis-Mark, P., J. Fink, and J. Crisp (eds.), *Remote Sensing Volcanism, Remote Sensing of Active Volcanism*, AGU Monogr., 116, Am. Geophys. Un., Washington, DC, p. 161-177.
- 7355 Harris, A. J. L., S. B. Sherman, and R. Wright, 2000, Discovery of self-combusting

- sulfur flows, *Geology*, 28(5), 415-418.
- 7356 Harris, A. J. L., et al. [L. P. Flynn], 2000, Effusion rate trends at Etna and Krafla and their implications for eruptive mechanisms, *J. Volcanol. Geotherm. Res.*, 102(3-4), 237-270.
- 7357 Aries, S. A., A. J. L. Harris, and D. A. Rothery, 2001, Remote infrared detection of the cessation of volcanic eruptions, *Geophys. Res. Lett.*, 28(9), 1803-1807.
- 7358 Harris, A. J. L., L. P. Flynn, O. Matías, and W. I. Rose, 2002, The thermal stealth flows of Santiaguito: implications for the cooling and emplacement of dacitic block lava flows, *Geol. Soc. Am. Bull.*, 114(5), 533-546.
- 7359 Ripepe, M., A. J. L. Harris, and R. Carniel, 2002, Thermal, seismic and infrasonic evidences of variable degassing rates at Stromboli volcano, *J. Volcanol. Geotherm. Res.*, 118(3-4), 285-297.
- 7360 Cecchi, C., B. van Wyk de Vries, J.-M. Lavest, A. Harris, and M. Davies, 2003, N-view reconstruction: a new method for morphological modelling and deformation measurement in volcanology, *J. Volcanol. Geotherm. Res.*, 123(1-2), 181-201.
- 7361 Garces, M., et al. [A. Harris, C. Hetzer, J. Johnson, S. Rowland], 2003, Infrasonic tremor observed at Kilauea volcano, Hawaii, *Geophys. Res. Lett.*, 30(20), 2023, doi: 10.1029/2003GL018028.
- 7362 Harris, A., et al. [J. Johnson, K. Horton, G. Garbeil, H. Ramm, E. Pilger, L. Flynn, P. Mouginiis-Mark], 2003, Ground-based infrared monitoring provides new tool for remote tracking of volcanic activity, *EOS, Trans. AGU*, 84(40), 409-418.
- 7363 Keszthelyi, L., A. J. L. Harris, and J. Dehn, 2003, Observations of the effect of wind on the cooling of active lava flows, *Geophys. Res. Lett.*, 30(19), 1989, doi: 10.1029/2003GL017994.
- 7364 Calder, E., et al. [A. Harris, E. Pilger, L. Flynn], 2004, Combined thermal and seismic analysis of the Villarrica volcano lava lake, Chile, *Rev. Geol. Chile*, 31(2), 259-272, doi: 10.4067/S0716-02082004000200005.
- 7365 Gottsmann, J., A. J. L. Harris, and D. B. Dingwell, 2004, Thermal history of Hawaiian pāhoehoe lava crusts at the glass transition: implications for flow rheology and flow emplacement, *Earth Planet. Sci. Lett.*, 228(3-4), 343-353.
- 7366 Gresta, S., et al. [A. J. L. Harris], 2004, Seismoacoustic measurements during the July-August 2001 eruption of Mt. Etna volcano, Italy, *J. Volcanol. Geotherm. Res.*, 137(1-3), 219-230.
- 7367 Harris, A., R. Carniel, M. Patrick, and J. Dehn, 2004, The sulfur flow fields of the Fossa di Vulcano, *Bull. Volcanol.*, 66(8), 749-759.
- 7368 Johnson, J. B., et al. [A. J. L. Harris, S. Sahetapy-Engel], 2004, Explosion dynamics of vertically-directed pyroclastic eruptions at Santiaguito, Guatemala, *Geophys. Res. Lett.*, 31(6), L06610, doi:10.1029/2003GL019079.
- 7369 Lautze, N. C., et al. [A. J. L. Harris, J. Bailey, S. Rowland], 2004, Evidence for pulsed magma supply at Mount Etna during 2001, *J. Volcanol. Geotherm. Res.*, 137(1-3), 231-246.
- 7370 Ripepe, M., et al. [A. J. L. Harris], 2004, Seismic, acoustic, and thermal network

- monitors the 2003 eruption of Stromboli volcano, *EOS, Trans. AGU*, 85(35), 329-332.
- 7371 Rowland, S. K., A. J. L. Harris, and H. Garbeil, 2004, Effects of Martian conditions on numerically modeled, cooling-limited, channelized lava flows, *J. Geophys. Res.*, 109(E10), E10010, doi: 10.1029/2004JE002288.
- 7372 Calvari, S., et al. [A. J. L. Harris, M. R. Patrick], 2005, Chronology and complex volcanic processes during the 2002-2003 flank eruption at Stromboli volcano (Italy) reconstructed from direct observations and surveys with a handheld thermal camera, *J. Geophys. Res.-Solid Earth*, 110(B2), B02201, doi: 10.1029/2004JB003129.
- 7373 Harris, A. J. L., R. Carniel, and J. Jones, 2005, Identification of variable convective regimes at Erta Ale lava lake, *J. Volcanol. Geotherm. Res.*, 142(3-4), 207-223.
- 7374 Harris, A., J. Bailey, S. Calvari, and J. Dehn, 2005, Heat loss measured at a lava channel and its implications for Down-Channel cooling and rheology, in Manga, M., and G. Ventura (eds.), *Kinematics and Dynamics of Lava Flows*, GSA Spec. Pap. 396, p. 125-146, doi: 10.1130/2005.2396(09).
- 7375 Harris, A. J. L., et al. [M. Patrick], 2005, Lava effusion rates from hand-held thermal infrared imagery: An example from the June 2003 effusive activity at Stromboli, *Bull. Volcanol.*, 68(2), 107-117, doi: 10.1007/s00445-005-0425-7.
- 7376 Harris, A., et al. [D. Pirie, K. Horton, H. Garbeil, E. Pilger, H. Ramm], 2005, DUCKS: Low cost thermal monitoring units for near-vent deployment, *J. Volcanol. Geotherm. Res.*, 143(4), 335-360.
- 7377 Johnson, J. B., A. J. L. Harris, and R. Hoblitt, 2005, Thermal observations of gas pistonning at Kilauea Volcano, *J. Geophys. Res.-Solid Earth*, 110(B11), B11201, doi: 10.1029/2005JB003944.
- 7378 Mouginis-Mark, P. J., A. J. L. Harris, and S. K. Rowland, 2007, Terrestrial analogs to the calderas of the Tharsis Volcanoes on Mars, in Chapman, M. (ed.), *The Geology of Mars: Evidence from Earth-Based Analogs*, Cambridge University Press, UK, p. 71-94.
- 7379 Ripepe, M., A. J. L. Harris, and M. Marchetti, 2005, Coupled thermal oscillations in explosive activity at different craters of Stromboli volcano, *Geophys. Res. Lett.*, 32(17), L17302, doi: 10.1029/2005GL022711.
- 7380 Ripepe, M., et al. [A. Harris], 2005, Effusive to explosive transition during the 2003 eruption of Stromboli volcano, *Geology*, 33(5), 341-344.
- 7381 Bailey, J. E., A. J. L. Harris, J. Dehn, S. Calvari, and S. K. Rowland, 2006, The changing morphology of an open lava channel on Mt. Etna, *Bull. Volcanol.*, 68(6), 497-515.
- 7382 Harris, A. J. L., et al. [L. P. Flynn, H. Garbeil], 2006, Downstream aggradation owing to lava dome extrusion and rainfall runoff at Volcán Santiaguito, Guatemala, *Volcanic Hazards in Central America*, Geol. Soc. Am. Special Paper 412, p. 85-104, doi: 10.1130/2006.2412(05).
- 7383 Jones, J., R. Carniel, A. J. L. Harris, and S. Malone, 2006, Seismic characteristics of variable convection at Erta 'Ale lava lake, Ethiopia, *J. Volcanol. Geotherm. Res.*, 153(1-2), 64-79.
- 7384 Rosi, M., et al. [A. J. L. Harris], 2006, A case history of paroxysmal explosion at

- Stromboli: Timing and dynamics of the April 5, 2003 event, *Earth Planet. Sci. Lett.*, 243(3-4), 594-606.
- 7385 Williams-Jones, G., et al. [K. A. Horton, H. Garbeil, P. J. Mougini-Mark, A. J. L. Harris], 2006, Accurately measuring volcanic plume velocity with multiple UV spectrometers, *Bull. Volcanol.*, 68(4), 328-332.
- 7386 Woodcock, D., and A. J. L. Harris, 2006, The dynamics of a channel-fed lava flow on Pico Partido Volcano, Lanzarote: Evidence for a hydraulic jump? *Bull. Volcanol.*, 69(2), 207-125.
- 7387 Harris, A. J. L., and M. Ripepe, 2007, Regional earthquake as a trigger for enhanced volcanic activity: Evidence from MODIS thermal data, *Geophys. Res. Lett.*, 34(2), L02304, doi: 10.1029/2006GL028251.
- 7388 Harris, A., and M. Ripepe, 2007, Temperature and dynamics of degassing at Stromboli, *J. Geophys. Res.-Solid Earth*, 112(B3), B03205, doi: 10.1029/2006JB004393.
- 7389 Harris, A. J. L., and M. Ripepe, 2007, Synergy of multiple geophysical approaches to unravel explosive eruption conduit and source dynamics—A case study from Stromboli, *Chem. Erde-Geochem.*, 67(1), 1-35.
- 7390 Harris, A., M. Favalli, F. Mazzarini, and M. T. Pareschi, 2007, Best-fit results from application of a thermo-rheological model for channelized lava flow to high spatial resolution morphological data, *Geophys. Res. Lett.*, 34(1), L01301, doi: 10.1029/2006GL028126.
- 7391 Harris, A. J. L., J. Dehn, M. R. James, C. Hamilton, R. Herd, L. Lodato, and A. Steffke, 2007, Pahoehoe cooling, discharge, and coverage rates from thermal image chronometry, *Geophys. Res. Lett.*, 34(19), L19303, doi: 10.1029/2007GL030791.
- 7392 Harris, A. J. L., J. Dehn, and S. Calvari, 2007, Lava effusion rate definition and measurement: A review, *Bull. Volcanol.*, 70(1), 1-22, doi: 10.1007/s00445-007-0120-y.
- 7393 Lodato, L., et al. [A. Harris, M. Patrick], 2007, The morphology and evolution of the Stromboli 2002-03 lava flow field: An example of basaltic flow field emplaced on a steep slope, *Bull. Volcanol.*, 69(6), 661-679, doi: 10.1007/s00445-006-0101-6.
- 7394 Karl, D. M., 2007, Plastics-irradiated-etched: The Nuclepore(R) filter turns 45 years old, *Limnol. Oceanogr. Bull.*, 16, 49-54.
- 7395 Patrick, M. R., et al. [A. J. L. Harris], 2007, Strombolian explosive styles and source conditions: Insights from thermal (FLIR) video, *Bull. Volcanol.*, 69(7), 769-784, doi: 10.1007/s00445-006-0107-0.
- 7396 Witter, J. B., and A. J. L. Harris, 2007, Field measurements of heat loss from skylights and lava tube systems, *J. Geophys. Res.-Solid Earth*, 112(B1), B01203, doi: 10.1029/2005JB003800.
- 7397 Branan, Y. K., et al [A. Harris, K. Horton], 2007, Investigation of at-vent dynamics and dilution using thermal infrared thermometers at Masaya Volcano, Nicaragua, *J. Volcanol. Geotherm. Res.*, 169(1-2), 34-47.
- 7398 Void (no publication information available).
- 7399 Sahetapy-Engel, S. T., A. J. L. Harris, and E. Marchetti, 2008, Thermal, seismic and infrasound observations of persistent explosive activity and shallow system dynamics at

- the Santiaguito Lava Dome, Guatemala, *J. Volcanol. Geotherm. Res.*, 173(1-2), 1-14, HIGP-1624.
- 7400 Zhang, Y., and T. Li, 2008, Influence of the sea surface temperature in the Indian Ocean on the in-phase transition between the South Asian and North Australian summer monsoons, *Terr. Atmos. Ocean. Sci.*, 19, 321-329, IPRC-515.
- 7401 Maximenko, N. A., O. V. Melnichenko, P. P. Niiler, and H. Sasaki, 2008, Stationary mesoscale jet-like features in the ocean, *Geophys. Res. Lett.*, 35(8), L08603, IPRC-516, doi: 10.1029/2008GL033267.
- 7402 Ike, T., et al. [G. F. Moore], 2008, Tectonics and sedimentation around Kashinosaki Knoll: A subducting basement high in the eastern Nanakai Trough, *Island Arc*, 17(3), 358-375, doi: 10.1111/j.1440-1738.2008.00625.x.
- 7403 Du, Y., and S.-P. Xie, 2008, Role of atmospheric adjustments in the tropical Indian Ocean warming during the 20th century in climate models, *Geophys. Res. Lett.*, 35(8), L08712, IPRC-517, doi: 10.1029/2008GL033631.
- 7404 Hall, C. M., et al. [M. H. Manghnani, G. M. Amulele, M. Sekar], 2006, Crystal structure and compression of iron-bearing phase A to 33 Gpa, *Phys. Chem. Minerals*, 33(3), 192-199, doi: 10.1007/s00269-006-0073-2.
- 7405 Void.
- 7406 Void.
- 7407 Tkachev, S. N., M. H. Manghnani, A. Niilisk, J. Aarik, and H. Mändar, 2005, Micro-Raman spectroscopy and x-ray diffraction studies of atomic-layer-deposited ZrO<sub>2</sub> and HfO<sub>2</sub> thin films, *J. Mater. Sci.*, 40(16), 4293-4298.
- 7408 Tkachev, S. N., M. H. Manghnani, Q. Williams, 2005, An in situ Brillouin spectroscopic study of a pressure-induced second order transition in a silicate glass, *Phys. Rev. Lett.*, 95(5), 057402.
- 7409 Phair, J. W., et al. [S. N. Tkachev, M. H. Manghnani], 2005, Elastic and structural properties of alkaline-calcium silica hydrogels, *J. Mater. Res.*, 20(2), 344-349.
- 7410 Tkachev, S. N., M. H. Manghnani, Q. Williams, and L. C. Ming, 2005, Compressibility of hydrated and anhydrous Na<sub>2</sub>O-2SiO<sub>2</sub> liquid, and glass to 8 GPa using Brillouin scattering, *J. Geophys. Res.-Solid Earth*, 110(B7), B07201, doi: 10.1029/2004JB003328.
- 7411 Manghnani, M. H., 2004, Geophysics, *Encyclopedia Britannica Year Book 2004*, p. 170-171.
- 7412 Manghnani, M. H., 2003, Geophysics, *Encyclopedia Britannica Year Book 2003*, p. 170-171.
- 7413 Deb, S. K., M. H. Manghnani, K. Ross, R. A. Livingston, and P. J. M. Monteiro, 2003, Raman scattering and X-ray diffraction study of the thermal decomposition of an ettringite-group crystal, *Phys. Chem. Minerals*, 30(1), 31-38.
- 7414 Void.
- 7415 Void (duplicate of 5913).
- 7416 Void (duplicate of 5581).

- 7417 Manghnani, M. H., 2002, Geophysics, *Brittanica Encyclopedia Year Book 2002*, p. 185-186.
- 7418 Void.
- 7419 Manghnani, M. H., et al. [M. Prasad, P. V. Zinin, J. Balogh], 2001, Characterization of  $\text{SiC}_{\text{fiber}}/\text{SiC}_{\text{matrix}}$  composites by ultrasonics, scanning acoustic microscopy and Raman spectroscopy, in Green, Jr., R. E., T. Kushi, N. Saito, N. Takeda, and B. B. Djordjevic (eds.), *Nondestructive Characterization of Materials X*, Proc. Tenth Inter. Symp., Elsevier, Amsterdam, p. 175-184.
- 7420 Zhang, X., R. Sooryakumar, A. G. Every, and M. H. Manghnani, 2001, Observation of organ-pipe acoustic excitations in supported thin films, *Phys. Rev. B*, 64, 081402.
- 7421 Manghnani, M. H., 2001, Geophysics, *Brittanica Encyclopedia Year Book 2001*, p. 182-184.
- 7422 Li, F. Y., S. S. Fu, R. J. Wang, and M. H. Manghnani, 2000, Elastic properties of float glass and  $\text{SiO}_2+\text{TiO}_2$  glass under high pressure, *Acta Phys. Sinica*, 49(11), 2129-2132.
- 7423 Zinin, P., et al. [M. H. Manghnani, S. Tkachev, V. Askarpour], 1999, Brillouin spectroscopy of surface waves in thin film  $\text{Si}_3\text{N}_4$  on GaAs, *Phys. Rev. B*, 60(4), 2844-2850, doi: 10.1103/PhysRevB.60.2844.
- 7424 Manghnani, M. H., et al. [X. Zhang, S. Tkachev, P. Zinin], 1999, Elastic properties of hard cBN film by surface Brillouin scattering, in Green, Jr., R. E. (ed.), *Nondestructive Characterization of Materials IX*, Proc. Ninth Inter. Symp., American Inst. Physics, New York, Vol. 497, p. 315-320.
- 7425 Livingston, R. A., M. Manghnani, and M. Prasad, 1999, Characterization of Portland cement concrete microstructure using the scanning acoustic microscope, *Cement Concrete Res.*, 29(2), 287-291.
- 7426 Zhang, X., M. H. Manghnani, P. Zinin, R. Rocheleau, and A. G. Every, 2000, Acoustic behavior and elastic properties of amorphous  $\text{SiN}_x$  film studied by surface Brillouin scattering, *Proc. Inter. Conf. Raman Spectroscopy*, Vol. 17, p. 408-409.
- 7427 Manghnani, M. H., X. Hong, M. Newville, J. Balogh, and G. Amulele, 2007, Structural investigation of Fe-Ni-S and Fe-Ni-Si Melts by high-temperature fluorescence XAFS measurements, *Proc. Amer. Inst. Physics Conf.*, Vol. 882, p. 466.
- 7428 Amarendra, G., R. Baldev, and M. H. Manghnani, 2007, Introduction to materials characterization, in Amarendra, G., et al. (eds.), *Advances in Materials Characterization*, Universities Press, Hyderabad, India, p. 1-21.
- 7429 Zinin, P., S. Berezina, D. Schneider, D. Fei, D. A. Rebinsky, M. H. Manghnani, and S. Tkachev, 2005, Brillouin scattering and laser-SAW technique for elastic property characterization of diamond-like carbon (DLC) films, in Thompson, D. O., and D. E. Chimenti (eds.), *Review of Progress in Quantitative Nondestructive Evaluation*, Vol. 760, Amer. Inst. Physics Conf. Proc., Melville, NY, p. 1182-1188.
- 7430 Niilisk, A., et al. [M. H. Manghnani], 2005, Structural study of  $\text{ZrO}_2$  and  $\text{HfO}_2$  thin films grown by atomic layer deposition, in Rosental, A. (ed.), *Optical Materials and Applications*, Proc. International Society for Optical Engineering, Vol. 5946, p. 98-105, doi: 10.1117/12.639159.

- 7431 Zinin, P., et al. [M. Manghnani], 2004, Acoustic microscopy, Brillouin scattering and Laser-SAW technique for defect characterization in DLC films, in Arnold, W., and S. Hirsekorn (eds.), *Acoustical Imaging*, Vol. 27, Kluwer Academic, New York, p. 221-228.
- 7432 Manghnani, M. H., P. V. Zinin, Y. Wang, V. Levin, and J. Koenig, 2003, Characterization of the fatigue damage of advanced ceramic composites by scanning acoustic microscopy, in Arnold, W., and S. Hirsekorn (eds.), *Acoustical Imaging*, Vol. 27, Kluwer Academic, New York, p. 83-90.
- 7433 Tkachev, S. N., V. L. Solozhenko, P. V. Zinin, M. H. Manghnani, and L. C. Ming, 2003, Elastic properties of the superhard cubic BC<sub>2</sub>N phase by Brillouin scattering, *Phys. Rev. B*, 68(5), 052104, doi: 10.1103/PhysRevB.68.052104.
- 7434 Tkachev, S. N., M. H. Manghnani, Q. Williams, L. C. Ming, 2003, Compressibility of Na<sub>2</sub>O-2SiO<sub>2</sub> liquid and melt to 8 GPa using Brillouin scattering, *EOS, Trans. AGU*, 84(46), Fall Meet. Suppl., Abstract V42A-0328.
- 7435 Karl, D. M., 2007, The marine phosphorus cycle, in Hurst, C. J., et al. (eds.), *Manual of Environmental Microbiology*, 3rd ed., Am. Soc. Microbiol., Washington, DC, p. 523-539.
- 7436 Karl, D. M., and L. Proctor, 2007, Foundations of microbial oceanography, *Oceanogr.*, 20(2), 16-27, <http://dx.doi.org/10.5670/oceanog.2007.44>.
- 7437 Void.
- 7438 McAndrew, P. M., et al. [K. M. Björkman, M. J. Church, P. J. Morris, N. Jachowski, D. M. Karl], 2007, Metabolic response of oligotrophic plankton communities to deep water nutrient enrichment, *Mar. Ecol. Prog. Ser.*, 332, 63-75.
- 7439 Zinin, P., et al. [M. H. Manghnani, X. Zhang], 2002, Elastic properties of cBN films by surface Brillouin scattering, in Kundu, T. (ed.), *Smart Nondestructive Evaluation for Health Monitoring of Structural and Biological Systems*, Proc. SPIE, 4702, SPIE, Bellingham, USA, p. 389-396.
- 7440 Amulele, G. M., et al. [M. H. Manghnani, S. Marriappan, X. Hong, F. Li, X. Qin], 2008, Compression behavior of WC and WC-6% Co up to 50 GPa determined by synchrotron x-ray diffraction and ultrasonic techniques, *J. Appl. Phys.*, 103(11), 113522, HIGP-1660, doi: 10.1063/1.2938024.
- 7441 Wright, R., and E. Pilger, 2008, Satellite observations reveal little inter-annual variability in the radiant flux from the Mount Erebus lava lake, *J. Volcanol. Geotherm. Res.*, 177(3), 687-694, doi: 10.1016/j.jvolgeores.2008.03.005.
- 7442 Osterloo, M. M., et al. [V. E. Hamilton, F. S. Anderson], 2008, Chloride-bearing materials in the southern highlands of Mars, *Science*, 319(5870), 1651-1654, doi: 10.1126/science.1150690.
- 7443 Oakley, A. J., B. Taylor, and G. F. Moore, 2008, Pacific plate subduction beneath the central Mariana and Izu-Bonin Forearcs: New insights on an old margin, *Geochem. Geophys. Geosyst.*, 9(6), Q06003, doi: 10.1029/2007GC001820.
- 7444 Wessel, P., and L. W. Kroenke, 2008, Pacific absolute plate motion since 145 Ma: An assessment of the fixed hotspot hypothesis, *J. Geophys. Res.-Solid Earth*, 113(B6), B06101, doi: 10.1029/2007JB005499.

- 7445 Krot, A. N., et al. [K. Nagashima], 2008, Oxygen isotopic compositions of Allende Type C CAIs: Evidence for isotopic exchange during nebular melting and asteroidal metamorphism, *Geochim. Cosmochim. Acta*, 72(10), 2534-2555, doi: 10.1016/j.gca.2008.02.011.
- 7446 Phillips, V. T. J., C. Andronache, C. E. Morris, and D. C. Sands, 2008, Impacts from ice-nucleating bacteria on clouds simulated numerically: implications for the biosphere-atmosphere interaction, *Biogeosciences Discuss.*, 5, 1035-1067.
- 7447 Sperber, K. R., and H. Annamalai, 2008, Coupled model simulations of boreal summer intraseasonal (30-50 day) variability, Part I: Systematic errors and caution on use of metrics, *Clim. Dyn.*, 31(2), 345-372, IPRC-519, doi: 10.107/s00382-008-0367-9.
- 7448 Cahyarini, S. Y., M. Pfeiffer, O. Timm, W.-C. Dullo, and D. G. Schönberg, 2008, Reconstructing seawater d<sup>18</sup>O from paired coral d<sup>18</sup>O and Sr/Ca ratios: Methods, Error Analysis and Problems, with examples from Tahiti (French Polynesia) and Timor (Indonesia), *Geochim. Cosmochim. Acta*, 72(12), 2841-2853, IPRC-520, doi: 10.1016/j.gca.2008.04.005.
- 7449 Mincer, T. J., et al. [M. J. Church, D. M. Karl], 2007, Quantitative distribution of presumptive archaeal and bacterial nitrifiers in Monterey Bay and the North Pacific Subtropical Gyre, *Environ. Microbiol.*, 9(5), 1162-1175, doi: 10.1111/j.1462-2920.2007.01239.x.
- 7450 Void.
- 7451 Void.
- 7452 Rusch, D. B., et al. [D. M. Karl], 2007, The Sorcerer II global ocean sampling expedition: Northwest Atlantic through Eastern Tropical Pacific, *PLoS Biol.*, 5, 0398-0431.
- 7453 Wy, Y. Y., and K. F. Cheung, 2009, Homotopy solution for nonlinear differential equations in wave propagation problems, *Wave Motion*, 46, 1-14.
- 7454 Brown, S. L., et al. [K. E. Selph, Y. M. Rii, R. R. Bidigare], 2008, Diatoms in the desert: Plankton community response to a mesoscale eddy in the subtropical North Pacific, *Deep-Sea Res. II*, 55(10-13), 1321-1333, doi: 10.1016.dsr.
- 7455 Hayes, K. A., and S. A. Karl, 2009, Phylogenetic relationships of Crown Conchs (*Melongena* spp.): The *corona* complex simplified, *J. Biogeogr.*, 36(1), 28-38, doi: 10.1111/j.1365-2699.2008.01966.x.
- 7456 Zehr, J. P., et al. [M. J. Church, A. Hansen, D. M. Karl], 2007, Experiments linking nitrogenase gene expression to nitrogen fixation in the North Pacific Subtropical Gyre, *Limnol. Ocean.*, 52(1), 169-183, doi: 10.4319/lo.2007.52.1.0169.
- 7457 Schott, F. A., S.-P. Xie, and J. P. McCreary Jr., 2009, Indian Ocean circulation and climate variability, *Rev. Geophys.*, 47(1), RG1002, IPRC-522, doi: 10.1029/2007RG000245.
- 7458 Void (no publication information available).
- 7459 Wessel, P., and J. Becker, 2008, Gridding of spherical data using a Green's function for splines in tension, *Geophys. J. Int.*, 174(1), 21-28, doi: 10.1111/j.1365-246X.2008.03829.x.



- 7460 Yang, Y., S.-P. Xie, and J. Hafner, 2008, Cloud patterns lee of Hawaii Island: A synthesis of satellite observations and numerical simulation, *J. Geophys. Res.-Atmos.*, 113(D15), D15126, IPRC-523, doi: 10.1029/2008JD009889.
- 7461 Kobashi, F., S.-P. Xie, N. Iwasaka, and T. T. Sakamoto, 2008, Deep atmospheric response to the North Pacific oceanic subtropical front in spring, *J. Climate*, 21(22), 5960-5975, IPRC-524, doi: <http://dx.doi.org/10.1175/2008JCLI2311.1>.
- 7462 Smith, S. V., et al. [B. N. Popp], 2008, Sediment organic carbon in Todos Santos Bay, Baja California, Mexico, *Estuar. Coasts*, 31(4), 719-727, doi: 10.1007/s12237-008-9054-7.
- 7463 Krot, A. N., et al. [K. Nagashima, G. R. Huss], 2008, Multiple generations of refractory inclusions in the metal-rich carbonaceous chondrites Acfer 182/213 and Isheyevo, *Astrophys. J.*, 672(1), 713-721, doi: 10.1086/521973.
- 7464 Rowland, S. K., Z. Jurado-Chichay, G. Ernst, and G. P. L. Walker, 2009, Pyroclasts and lava flows from the 1759-1774 eruption of El Jorullo, Mexico: Aspects of “violent Strombolian” activity and comparisons with Paricutin, in Thordarson, T., S. Self, G. Larsen, S. K. Rowland, and A. Hoskuldsson (eds.), *Studies in Volcanology: The Legacy of George Walker*, Spec. Pub. IAVCEI, 2, Geol. Soc. London, p. 105-128.
- 7465 Malinverno, E., F. G. Prahl, B. N. Popp, and P. Ziveri, 2008, Alkenone abundance and its relationship to the coccolithophore assemblage in Gulf of California surface waters, *Deep-Sea Res. I*, 55(8), 1118-1130, doi: 10.1016/j.dsr.2008.04.007.
- 7466 Yamazaki, Y., Z. Kowalik, and K. F. Cheung, 2009, Depth-integrated, non-hydrostatic model for wave breaking and runup, *Int. J. Numer. Meth. Fl.*, 61(5), 473-497, doi: 10.1002/flid.1952.
- 7467 Ge, L., K. F. Cheung, and M. H. Kobayashi, 2008, Stochastic solution for uncertainty propagation in nonlinear shallow-water equations, *J. Hydraul. Eng.*, 134(12), 1732-1743.
- 7468 Lucey, P. G., and S. K. Noble, 2008, Experimental test of a radiative transfer model of the optical effects of space weathering, *Icarus*, 197(1), 348-353, HIGP-1663.
- 7469 Huss, G. R., U. Ott, and A. P. Koscheev, 2008, Noble gases in presolar diamonds III: Implications of ion implantation experiments with synthetic nanodiamonds, *Meteorit. Planet. Sci.*, 43(11), 1811-1826, doi: 10.1111/j.1945-5100.2008.tb00645.x.
- 7470 Park, J., M. Garces, D. Fee, and G. Pawlak, 2008, Collective bubble oscillations as a component of surf infrasound, *J. Acoust. Soc. Am.*, 123(5), 2507-12.
- 7471 Qu, T., T. Y. Song, and T. Yamagata, 2009, An introduction to South China Sea throughflow: Its dynamics, variability, and implication for climate, *Dyn. Atmos. Oceans*, 47(1-3), 3-14, IPRC-525.
- 7472 Menviel, L., A. Timmermann, A. Mouchet, and O. Timm, 2008, Climate and marine carbon cycle response to changes in the strength of the Southern Hemispheric Westerlies, *Paleoceanogr.*, 23, PA4201, IPRC-526, doi: 10.1029/2008PA001604.
- 7473 Xu, H., S.-P. Xie, Y. Wang, W. Zhuang, and D.-X. Wang, 2008, Orographic effects on South China Sea summer climate, *Meteor. Atmos. Phys.*, 100, 275-289, IPRC-527, doi: 10.1007/s00703-008-0309-4.

- 7474 Jochum, M., and J. T. Potemra, 2008, Sensitivity of tropical rainfall to Banda Sea diffusivity in the Community Climate System Model, *J. Climate*, 21, 6445-6454, IPRC-528, doi: 10.1175/2008JCLI2230.1.
- 7475 Ben-Horin, T., M. Iacchei, K. A. Selkoe, T. Mai, R. J. Toonen, 2009, Characterization of eight polymorphic microsatellite loci for the California spiny lobster, *Panulirus interruptus*, and cross-species amplification in other achelate lobsters, *Conserv. Genet. Resour.*, 1(1), 193-197.
- 7476 Yang, J., J. I. Goldstein, and E. R. D. Scott, 2008, Metallographic cooling rates and origin of IVA iron meteorites, *Geochim. Cosmochim. Acta*, 72(12), 3043-3061.
- 7477 Smith, C. R., F. C. De Leo, A. F. Bernardino, A. K. Sweetman, and P. Martinez Arbizu, 2008, Abyssal food limitation, Ecosystem structure and climate change, *Trends Ecol. Evol.*, 23, 518-528.
- 7478 Kim, J. W., R. C. Ertekin, and K. J. Bai, 2010, Linear and nonlinear wave models based on Hamilton's principle and stream function theory: CMSE and IGN, *J. Offshore Mech. Arct. Eng.*, 132(2), 021102, doi: 10.1115/1.4000503.
- 7479 Measures, C. I., W. M. Landing, M. T. Brown, and C. S. Buck, 2008, A commercially available rosette system for trace metal clean sampling, *Limnol. Ocean. Methods*, 6, 384-394.
- 7480 Lin, A., and T. Li, 2008, Energy spectrum characteristics of boreal summer intraseasonal oscillations: climatology and variations during the ENSO developing and decaying phases, *J. Climate*, 21(23), 6304-6320, IPRC-529, doi: <http://dx.doi.org/10.1175/2008JCLI2331.1>.
- 7481 Peng, J., M. S. Peng, and T. Li, 2008, Dependence of vortex axisymmetrization on the characteristics of the asymmetry, *Quart. J. Roy. Met. Soc.*, 134, 1253-1268, IPRC-530.
- 7482 Johnson, A. G., C. R. Glenn, W. C. Burnett, R. N. Peterson, and P. G. Lucey, 2008, Aerial infrared imaging reveals large nutrient-rich ground water inputs to the ocean, *Geophys. Res. Lett.*, 35(15), L15606, doi: 10.1029/2008GL034574.
- 7483 Drazen, J. C., et al. [B. N. Popp, C. A. Choy, T. Clemente, L. De Forest], 2008, Bypassing the abyssal benthic food-web: macrourid diet in the eastern North Pacific inferred from stomach content and stable isotopes analyses, *Limnol. Ocean.*, 53(6), 2644-2654, doi: 10.4319/lo.2008.53.6.2644.
- 7484 Priscu, J. C., et al. [J. E. Dore, B. N. Popp], 2008, Supersaturated N<sub>2</sub>O in a perennially ice-covered Antarctic lake: Molecular and stable isotopic evidence for a biogeochemical relict, *Limnol. Ocean.*, 53(6), 2439-2450, doi: 10.4319/lo.2008.53.6.2439.
- 7485 Schultz, J. K., J. D. Baker, R. J. Toonen, and B. W. Bowen, 2009, Extremely low genetic diversity in the endangered Hawaiian monk seal (*Monachus schauinslandi*), *J. Hered.*, 100(1), 25-33, doi: 10.1093/jhered/esn077.
- 7486 Nakamura, H., T. Sampe, A. Goto, W. Ohfuchi, and S.-P. Xie, 2008, On the importance of midlatitude oceanic frontal zones for the mean state and dominant variability in the tropospheric circulation, *Geophys. Res. Lett.*, 35(15), L15709, IPRC-531, doi: 10.1029/2008GL034010.
- 7487 Mooney, T. J., et al. [P. E. Nachtigall, K. A. Taylor, A. F. Pacini], 2008, Hearing

- pathways and directional sensitivity of the beluga whale, *Delphinapterus leucas*, *J. Exp. Mar. Biol. Ecol.*, 362(2), 108-116.
- 7488 Campbell, B. A., L. M. Carter, B. R. Hawke, D. B. Campbell, and R. R. Ghent, 2008, Volcanic and impact deposits of the Moon's Aristarchus Plateau: A new view from Earth-based radar images, *Geology*, 36(2), 135-138, doi: 10.1130/G24310A.1.
- 7489 Hamilton, K., Y. O. Takahashi, and W. Ohfuchi, 2008, The mesoscale spectrum of atmospheric motions investigated in a very fine resolution global general circulation model, *J. Geophys. Res.-Atmos.*, 113(D18), D18110, IPRC-521, doi: 10.1029/2008JD009785.
- 7490 Wright, R., and E. Pilger, 2008, Radiant flux from Earth's sub-aerially erupting volcanoes, *Int. J. Remote Sens.*, 29, 6443-6466.
- 7491 Keating, B. H., and W. J. McGuire, 2004, Instability and structural failure at volcanic islands and continental margins and the climate change dimension, *Adv. Geophys.*, 47, 175-271.
- 7492 Keating, B. H., and F. Whelan, 2004, Tsunami activity and deposits at Queen's Beach, S.E. Oahu, Hawaii, *Sci. Tsunami Hazards*, 22(1), 23-43.
- 7493 Whelan, F., and B. H. Keating, 2004, Tsunami deposits on the island of Oahu, Hawaii, in Schemewski, G., and T. Dolch (eds.), *Geographie der Meere und Kusten*, Coastline Reports, 1, p. 77-82.
- 7494 Dominey-Howes, D., and B. Keating, 2005, Tsunami risk in SE Asia and Western Pacific Regions, in Britton, N. R. (ed.), *Catastrophic Insurance- Challenges for Insurers in the Asia-Pacific Region*, Aon Re Australia Limited, Southwood Press Pty. Ltd., Sydney, p. 45-62.
- 7495 Keating, B. H., C. E. Helsley, Z. Waheed, and D. Dominey-Howes, 2005, 2004 Indian Ocean Tsunami on the Maldiv Islands: Initial observations, *Sci. Tsunami Hazards*, 23(2), 19-70.
- 7496 Keating, B. H., 2006, Status of tsunami science research and future directions of research, *Sci. Tsunami Hazards*, 24(5), 385-395.
- 7497 Felton, E. A., K. A. W. Brook, B. H. Keating, and E. A. Kay, 2006, Sedimentology of rocky shorelines 4. Coarse gravel lithofacies, molluscan biofacies, and the stratigraphic and eustatic records in the type area of the Pleistocene Hulopoe Gravel, Lanai, Hawaii, *Sediment. Geol.*, 184(1-2), 1-76, doi: 10.1016/j.sedgeo.2005.08.005.
- 7498 Keating, B. H., 2008, The 1946 Tsunami at Kahuku, NE Oahu, Hawaii, in Wallendorf, L., C. Jones, L. Ewing, and B. Jaffe (eds.), *Solutions for Coastal Disasters, Proc. Conf.*, ASCE, Vol. 2, p. 157-168.
- 7499 Björk, G., et al. [M. Edwards], 2007, Bathymetry and deep-water exchange across the central Lomonosov Ridge at 88°-89°N, *Deep-Sea Res. I*, 54(8), 1197-1208.
- 7500 Wessel, P., 2008, Hotspotting: Principles and properties of plate tectonic Hough transform, *Geochem. Geophys. Geosyst.*, 9(8), Q08004, doi: 10.1029/2008GC002058.
- 7501 Hammer, J. E., 2008, Experimental studies of the kinetics and energetics of magma crystallization, *Rev. Mineral. Geochem.*, 69(1), 9-59, doi: 10.2138/rmg.2008.69.2.
- 7502 Qu, T., J. Gan, A. Ishida, Y. Kashino, and T. Tozuka, 2008, Semiannual variation in the

- western tropical Pacific Ocean, *Geophys. Res. Lett.*, 35(16), L16602, IPRC-532, doi: 10.1029/2008GL035058.
- 7503 Void.
- 7504 Wang, B., Q. Bao, B. Hoskins, G. Wu, and Y. Liu, 2008, Tibetan Plateau warming and precipitation changes in East Asia, *Geophys. Res. Lett.*, 35(14), L14702, IPRC-534, doi: 10.1029/2008GL034330.
- 7505 Small, R. J., et al. [S. P. deSzoeko, S.-P. Xie], 2008, Air-sea interaction over ocean fronts and eddies, *Dyn. Atmos. Oceans*, 45(3-4), 274-319, IPRC-535.
- 7506 Karl, S. A., 2008, Multiple paternity and genetically effective population size, *Molec. Ecol.*, 17(18), 3973-3977, doi 10.1111/j.1365-294X.2008.03902.x.
- 7507 Ding, Q., and B. Wang, 2009, Predicting extreme phases of the India Summer Monsoon, *J. Climate*, 22(2), 346-363, IPRC-536.
- 7508 Li, T., F. Tam, X. Fu, T.-J. Zhou, and W.-J. Zhu, 2008, Causes of the intraseasonal SST variability in the tropical Indian Ocean, *Atmos. Ocean Sci. Lett.*, 1(1), 18-23, IPRC-537.
- 7509 Fu, X., B. Wang, Q. Bao, P. Liu, and B. Yang, 2008, Experimental dynamical forecast of an MJO event observed during TOGA-COARE period, *Atmos. Ocean Sci. Lett.*, 1(1), 24-28, IPRC-538.
- 7510 Hammer, J., 2009, Application of a textural geospeedometer to the late-stage magmatic history of MIL 03346, *Meteorit. Planet. Sci.*, 44(1), 141-154, doi: 10.1111/j.1945-5100.2009.tb00724.x.
- 7511 Buesseler, K. O., et al. [D. M. Karl], 2008, Ocean iron fertilization—Moving forward in a sea of uncertainty, *Science*, 319(5860), 162, doi: 10.1126/science.1154305.
- 7512 Ueda, H., M. Ohba, and S.-P. Xie, 2009, Important factors for the development of the Asian-Northwest Pacific summer monsoon, *J. Climate*, 22(3), 649-669, IPRC-540, doi: 10.1175/2008JCLI2341.1.
- 7513 Valet, J. P., G. Plenier, and E. Herrero-Bervera, 2008, Geomagnetic excursions reflect an aborted polarity state, *Earth Planet. Sci. Lett.*, 274(3-4), 472-478, HIGP-1668, doi: 10.1016/j.epsl.2008.07.056.
- 7514 Void.
- 7515 Morris, A. R., et al. [F. S. Anderson, P. J. Mouginis-Mark, B. A. Brooks, J. Foster], 2008, Roughness of Hawaiian volcanic terrains, *J. Geophys. Res.-Planets*, 113(E12), E12007, HIGP-1669, doi: 10.1029/2008JE003079.
- 7516 Buesseler, K. O., et al. [D. M. Karl, S. L. Brown, R. R. Bidigare], 2008, VERTIGO (VERTical Transport In the Global Ocean): a study of particle sources and flux attenuation in the North Pacific, *Deep-Sea Res. II*, 55(14-15), 1522-1539.
- 7517 Kim, H.-J., B. Wang, and Q. Ding, 2008, The global monsoon variability simulated by CMIP3 coupled climate models, *J. Climate*, 21(20), 5271-5294, IPRC-542.
- 7518 Li, Y. H., 2008, Factors controlling the distribution of elements in the ocean, *Trans. Res. Inst. Oceanochem.*, 21, 1-21.
- 7519 Taylor, B., A. Goodliffe, and F. Martinez, 2009, Initiation of transform faults at rifted continental margins, *CR Geosci.*, 341(5), 428-438, doi: 10.1016/j.crte.2008.08.010.

- 7520 Hannides, C. C. S., et al. [D. M. Karl], 2009, Export stoichiometry and migrant-mediated flux of phosphorus in the North Pacific subtropical gyre, *Deep-Sea Res. I*, 56(1), 73-88.
- 7521 Galley, E. A., P. A. Tyler, C. R. Smith, and A. Clarke, 2008, Reproductive biology of two species of holothurian from the deep-sea order Elasipoda, on the Antarctic continental shelf, *Deep-Sea Res. II*, 55(22-23), 2515-2526.
- 7522 Waller, R. G., P. A. Tyler, and C. R. Smith, 2008, Fecundity and embryo development of three Antarctic deepwater scleractinians: *Flabellum thourassi*, *F. curvatum*, and *F. impensum*, *Deep-Sea Res. II*, 55, 2527-2525, doi: 10.1016/j.dsr2.2008.07.001.
- 7523 Hartnett, H., S. Boehm, C. Thomas, D. DeMaster, and C. R. Smith, 2008, Benthic oxygen fluxes and denitrification rates from high-resolution porewater profiles from the Western Antarctic Peninsula Continental Shelf, *Deep-Sea Res. II*, 55(22-23), 2415-2424, doi: 10.1016/j.dsr2.2008.06.002.
- 7524 McClintic, M. A., D. J. DeMaster, C. J. Thomas, and C. R. Smith, 2008, Testing the FOODBANCS hypothesis: Seasonal variations in near-bottom particle flux, bioturbation intensity, and deposit feeding based on <sup>234</sup>Th measurements, *Deep-Sea Res. II*, 55(22-23), 2425-2437, doi: 10.1016/j.dsr2.2008.06.003.
- 7525 Purinton, B. L., D. J. DeMaster, C. J. Thomas, and C. R. Smith, 2008, <sup>14</sup>C as a tracer of labile organic matter in Antarctic benthic food webs, *Deep-Sea Res. II*, 55(22-23), 2438-2450, doi: 10.1016/j.dsr2.2008.06.004.
- 7526 Smith, C. R., S. Mincks, and D. J. DeMaster, 2008, The FOODBANCS Project: Introduction and sinking fluxes of organic carbon, chlorophyll-a and phytodetritus on the western Antarctic Peninsula continental shelf, *Deep-Sea Res. II*, 55(22-23), 2404-2414, doi: 10.1016/j.dsr2.2008.06.001.
- 7527 Yaremchuk, M., J. McCreary, Z. Yu, and R. Furue, 2009, The South China Sea throughflow retrieved from climatological data, *J. Phys. Oceanogr.*, 39(3), 753-767, IPRC-543.
- 7528 Glover, A. G., K. Kemp, C. Smith, and T. Dahlgren, 2008, On the role of bone-eating worms in the degradation of marine vertebrate remains, *Proc. Roy. Soc. B*, 275, 1959-1961.
- 7529 Sumida, P. Y. G., A. F. Bernardino, V. P. Stedall, and C. R. Smith, 2008, Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys, *Deep-Sea Res. II*, 55(22-23), 2465-2477.
- 7530 Zeng, L., Y. Du, S.-P. Xie, and D. Wang, 2009, Barrier layer in the South China Sea during summer 2000, *Dyn. Atmos. Oceans*, 47(1-3), 38-54, IPRC-544.
- 7531 Stowasser, M., H. Annamalai, and J. Hafner, 2009, Response of the South Asian Summer Monsoon to global warming: Mean and synoptic systems, *J. Climate*, 22(4), 1014-1036, IPRC-545.
- 7532 Mincks, S. L., C. R. Smith, R. Jeffreys, and P. Y. Sumida, 2008, Trophic relationships among benthic megafauna on the western Antarctic Peninsula Shelf: A stable isotope approach, *Deep-Sea Res. II*, 55(22-23), 2502-2514.
- 7533 Wright, R., H. Garbeil, and A. J. L. Harris, 2008, Using infrared satellite data to drive a thermo-rheological/stochastic lava flow emplacement model: a method for near-real-

- time volcanic hazard assessment, *Geophys. Res. Lett.*, 35(19), L19307, doi: 10.1029/2008GL035228.
- 7534 Engels, J. L., M. H. Edwards and L. Polyak, 2007, Seafloor evidence for ice shelf flow across the Alaska/Beaufort margin of the Arctic Ocean, *Earth Surf. Proc. Land.*, 33, 1047-1063, doi: 10.1002/esp.1601.
- 7535 Mouginis-Mark, P. J., and S. K. Rowland, 2008, Lava flows at Arsia Mons, Mars: Insights from a graben imaged by HiRISE, *Icarus*, 198(1), 27-36, doi: 10.1016/j.icarus.2008.06.015.
- 7536 Zhu, C., B. Wang, and W. Qian, 2008, Why do dust storms decrease in northern China concurrently with the recent global warming? *Geophys. Res. Lett.*, 35(18), L18702, IPRC-546, doi: 10.1029/2008GL034886.
- 7537 Peterson, R. N., W. C. Burnett, C. R. Glenn, and A. G. Johnson, 2009, Quantification of point-source groundwater discharges to the ocean from the shoreline of the Big Island, Hawaii, *Limnol. Ocean.*, 54(3), 890-904.
- 7538 Corno, G., R. M. Letelier, M. R. Abbott, and D. M. Karl, 2008, Temporal and vertical variability in photosynthesis in the North Pacific subtropical gyre, *Limnol. Ocean.*, 53, 1252-1265.
- 7539 Ivanova, M. A., et al. [A. N. Krot], 2008, The Isheybo meteorite: Mineralogy, petrology, bulk chemistry, oxygen, nitrogen, carbon isotopic compositions, and <sup>40</sup>Ar-<sup>39</sup>Ar ages, *Meteorit. Planet. Sci.*, 43(5), 915-940, doi: 10.1111/j.1945-5100.2008.tb01090.x.
- 7540 Zinke, J., M. Pfeiffer, O. Timm, W.-Ch. Dullo, and G. J. A. Brummer, 2009, Western Indian Ocean marine and terrestrial records of climate Variability: A review and new concepts on land-ocean interactions since AD 1660, *Int. J. Earth Sci.*, 98(1), 115-133, IPRC-547.
- 7541 Wigham, B. D., E. A. Galley, C. R. Smith, and P. A. Tyler, 2008, Inter-annual variability and potential for selectivity in the diets of deep-water Antarctic echinoderms, *Deep-Sea Res. II*, 55(22-23), 2478-2490, doi: 10.1016/j.dsr2.2008.06.007.
- 7542 Hannides, C. C. S., B. N. Popp, M. R. Landry, and B. S. Graham, 2009, Quantitative determination of zooplankton trophic position using amino acid-specific stable nitrogen isotope analysis, *Limnol. Ocean.*, 54(1), 50-61.
- 7543 Wang, B., et al. [J.-Y. Lee, X. Fu, P. Liu], 2008, Advance and prospectus of seasonal prediction: assessment of the APCC/ClipAS 14-model ensemble retrospective seasonal prediction (1980-2004), *Clim. Dyn.*, 33(1), 93-117, IPRC-548, doi: 10.1007/s00382-008-0460-0.
- 7544 Schultz, J. K., K. A. Feldheim, S. H. Gruber, M. A. Ashley, and B. W. Bowen, 2008, Global phylogeography and seascape ecology of the lemon sharks (genus *Negaprion*), *Molec. Ecol.*, 17(24), 5336-5348, doi: 10.1111/j.1365-294X.2008.04000.x.
- 7545 Hamilton, K., S. C. Ryan, and W. Ohfuchi, 2008, Topographic effects on the solar semidiurnal surface tide simulated in a very fine resolution general circulation model, *J. Geophys. Res.-Atmos.*, 113(D17), D17114, IPRC-518, doi: 10.1029/2008JD010115.
- 7546 Harris, A. J. L., L. Lodato, J. Dehn, and L. Spampinato, 2009, Thermal characterization

- of the Vulcano fumarole field, *Bull. Volcanol.*, 71(4), 441-458, doi: 10.1007/s00445-008-0236-8.
- 7547 Gurioli, L., A. J. L. Harris, B. F. Houghton, M. Polacci, and M. Ripepe, 2008, Textural and geophysical characterization of explosive basaltic activity at Villarrica volcano, *J. Geophys. Res.-Solid Earth*, 113(B8), B08206, doi: 10.1029/2007JB005328.
- 7548 Harris, A. J. L., M. Favalli, F. Mazzarini, and C. W. Hamilton, 2009, Construction dynamics of a lava channel, *Bull. Volcanol.*, 71(4), 459-474, doi: 10.1007/s00445-008-0238-6.
- 7549 Das, S., and K. F. Cheung, 2009, Coupled boundary element and finite element model for fluid-filled membrane in gravity waves, *Eng. Anal. Bound. Elem.*, 33(6), 802-814, doi: 10.1016/j.enganabound.2008.10.013.
- 7550 Okubo, P. G., and C. J. Wolfe, 2008, Swarms of similar long-period earthquakes in the mantle beneath Mauna Loa Volcano, *J. Volcanol. Geotherm. Res.*, 178(4), 787-794, doi: 10.1016/j.volgeores.2008.09.007.
- 7551 Brooks, B. A., et al. [J. Foster, C. J. Wolfe], 2008, Magmatically triggered slow slip at Kilauea volcano, Hawaii, *Science*, 321(5893), 1177, doi: 10.1126/science.1159007.
- 7552 Harris, A. J. L., 2008, The pit-craters and pit-crater-filling lavas of Masaya volcano, *Bull. Volcanol.*, 71(5), 541-558, doi: 10.1007/s00445-008-0241-y.
- 7553 Stockstill-Cahill, K. R., F. S. Anderson, and V. E. Hamilton, 2008, A study of low-albedo deposits within Amazonis Planitia craters: Evidence for locally derived ultramafic to mafic materials, *J. Geophys. Res.-Planets*, 113(E7), E07008, doi: 10.1029/2007JE003036.
- 7554 Smith, C. R., and J. DeMaster, 2008, Preface and brief synthesis for the FOODBANCS volume, *Deep-Sea Res. II*, 55(22-23), 2399-2403.
- 7555 Apprill, A. M., H. Q. Marlow, M. Q. Martindale, and M. S. Rappé, 2009, The onset of microbial associations in the coral *Pocillopora meandrina*, *ISME J.*, 3(6), 685-99.
- 7556 Sharma, S. K., and A. K. Misra, 2008, Remote Raman spectroscopic detection of inorganic, organic and biological materials to 100 m and more, *Proc. 2nd International Conference on Perspectives in Vibrational Spectroscopy (ICOPVS 2008)*, Am. Inst. Physics, Vol. 1075(1), doi: 10.1063/1.3046223.
- 7557 Hushur, A., M. H. Manghnani, J. R. Smyth, F. Nestola, and D. J. Frost, 2009, Crystal chemistry of hydrous fosterite and its vibrational properties up to 41 Gpa, *Am. Mineral.* 94(5-6), 751-760, doi: 10.2138/am.2009.2990.
- 7558 Kikuchi, K., and B. Wang, 2009, Global perspective of the quasi-biweekly oscillation, *J. Climate*, 22(6), 1340-1359, IPRC-550.
- 7559 Kim, H.-J., B. Wang, Q. Ding, and I.-U. Chung, 2008, Changes in arid climate over North China detected by the Köppen Climate Classification, *J. Meteor. Soc. Japan*, 86(6), 981-990, IPRC-551.
- 7560 Marchetti, E., and A. J. L. Harris, 2008, Trends in activity at Pu'u 'O'o during 2001-2003: insights from the continuous thermal records, in Land, S. J., and J. S. Gilbert (eds.), *Fluid Motions in Volcanic Conduits: A Source of Seismic and Acoustic Signals*, Geol. Soc., London, Spec. Pub., 307, p. 85-101, HIGP-1693, doi: 10.1144/SP307.6.

- 7561 Bianco, T. A., G. Ito, J. van Hunen, M. D. Ballmer, and J. J. Mahoney, 2008, Geochemical variation at the Hawaiian hot spot caused by upper mantle dynamics and melting of a heterogeneous plume, *Geochem. Geophys. Geosyst.*, 9, Q11003, doi: 10.1029/2008GC002111.
- 7562 Head, J. W., et al. [J. J. Gillis-Davis], 2008, Volcanism on Mercury: Evidence from the first MESSENGER flyby, *Science*, 321(5885), 69-72, doi: 10.1126/science.1159256.
- 7563 Chapp, E., B. Taylor, A. Oakley, and G. Moore, 2008, A seismic stratigraphic analysis of Mariana forearc basin evolution, *Geochem., Geophys., Geosyst.*, 9(10), Q10X02, doi: 10.1029/2008GC001998.
- 7564 Nozaka, T., P. Fryer, and M. Andreani, 2008, Formation of clay minerals and exhumation of lower-crustal rocks at Atlantis Massif, Mid-Atlantic Ridge, *Geochem. Geophys. Geosyst.*, 9(11), doi: 10.1029/2008GC002207.
- 7565 Zinke, J., M. Pfeiffer, O. Timm, W.-Chr. Dullo, D. Kroon, and B. A. Thomassin, 2008, Mayotte coral reveals hydrological changes in the western Indian Ocean between 1881 and 1994, *Geophys. Res. Lett.*, 35(23), L23707, IPRC-552, doi: 10.1029/2008GL035634.
- 7566 Tanimoto, Y., S.-P. Xie, K. Kai, H. Okajima, H. Tokinaga, T. Murayama, M. Nonaka, and H. Nakamura, 2009, Observations of marine atmospheric boundary layer transitions across the summer Kuroshio Extension, *J. Climate*, 22(6), 1360-1374, IPRC-553.
- 7567 Cherubini, T., S. Businger, and R. Lyman, 2008, Modeling optical turbulence and seeing over Mauna Kea: Verification and algorithm refinement, *J. Appl. Meteorol. Climatol.*, 47(12), 1140-1155, doi.org/10.1175/2007JAMC1487.1.
- 7568 Zaron, E., C. Chavanne, G. Egbert, and P. Flament, 2009, Baroclinic tidal generation in the Kauai Channel inferred from high-frequency radar Doppler currents, *Dyn. Atmos. Oceans*, 48(1-3), 93-120.
- 7569 Uchikawa, J., and R. E. Zeebe, 2008, Influence of terrestrial weathering on ocean acidification and the next glacial inception, *Geophys. Res. Lett.*, 35(23), L23608, doi: 10.1029/2008GL035963.
- 7570 Harris, A. J. L., and J. S. Allen III, 2008, One-, two- and three-phase viscosity treatments for basaltic lava flows, *J. Geophys. Res.-Solid Earth*, 113(B9), B09212, doi: 10.1029/2007JB005035.
- 7571 Wang, B., et al. [X. Fu, K. Kikuchi], 2009, Multi-scale climate variability of the South China Sea monsoon: A review, *Dyn. Atmos. Oceans*, 47(1-3), 15-37, IPRC-554.
- 7572 Timmermann, A., O. Timm, L. Stott, and L. Menviel, 2009, The roles of CO<sub>2</sub> and orbital forcing in driving Southern Hemispheric temperature variations during the last 21,000 years, *J. Climate*, 22(7), 1626-1640, IPRC-555.
- 7573 Marske, J. P., A. J. Pietruszka, F. A. Trusdell, and M. O. Garcia, 2008, Geochemistry of southern Pagan Island lavas, Mariana arc: the role of subduction zone processes, *Contrib. Mineral. Petrol.*, 162(2), 231-252, doi: 10.1007/s00410-010-0592-1.
- 7574 Liu, P., Y. Kajikawa, B. Wang, A. Kitoh, T. Yasunari, T. Li, H. Annamalai, X. Fu, K. Kikuchi, R. Mizuta, K. Rajendran, D. E. Waliser, and D. Kim, 2009, Tropical intraseasonal variability in the MRI-20km60L AGCM, *J. Climate*, 22(8), 2006-2022,



doi: 10.1175/2008JCLI2406.1, IPRC-556.

- 7575 Sharma, S. K., A. K. Misra, and U. N. Singh, 2008, Remote spectroscopy of minerals at elevated temperature relevant to Venus exploration, *Proc. SPIE*, 7153, 715307, doi: 10.1117/12.806371.
- 7576 Du, Y., S.-P. Xie, G. Huang, and K. Hu, 2009, Role of air-sea interaction in the long persistence of El Niño-induced North Indian Ocean warming journal, *J. Climate*, 22(8), 2023-2038, IPRC-558.
- 7577 Void.
- 7578 Fudeyasu, H., Y. Wang, M. Satoh, T. Nasuno, H. Miura, and W. Yanase, 2008, The Global cloud-system-resolving model NICAM successfully simulated the lifecycles of two real tropical cyclones, *Geophys. Res. Lett.*, 35(22), L22808, IPRC-557.
- 7579 Franklin, E. C., C. V. Brong, A. R. Dow, and M. T. Craig, 2009, Length-weight and length-length relationships of three endemic butterflyfish species (Chaetodontidae) from coral reefs of the Northwestern Hawaiian Islands, USA, *J. Appl. Ichthy.*, 25(5), 616-617, doi: 10.1111/j.1439-0426.2009.01281.x.
- 7580 Richter, I., and S.-P. Xie, 2008, Muted precipitation increase in global warming simulations: A surface evaporation perspective, *J. Geophys. Res.-Atmos.*, 113(D24), D24118, IPRC-559, doi: 10.1029/2008JD010561.
- 7581 Void.
- 7582 Sharma, S. K., A. K. Misra, P. G. Lucey, and R. C. F. Lentz, 2008, A combined remote Raman and LIBS instrument for characterizing minerals with 532 nm laser excitation, *Spectrochim. Acta A*, 73(3), 468-476, doi: 10.1016/j.saa.2008.08.005.
- 7583 Krot, A. N., A. A. Ulyanov, and M. A. Ivanova, 2008, Refractory inclusions in the CH/CB-like carbonaceous chondrite Isheyevo: I. Mineralogy and petrography, *Meteorit. Planet. Sci.*, 43(9), 1531-1550, doi: 10.1111/j.1945-5100.2008.tb01026.x.
- 7584 Xie, S.-P., K. Hu, J. Hafner, H. Tokinaga, Y. Du, G. Huang, and T. Sampe, 2009, Indian Ocean capacitor effect on Indo-western Pacific climate during the summer following El Niño, *J. Climate*, 22(3), 730-747, IPRC-541.
- 7585 Pessi, A., et al. [S. Businger], 2009, Development of a long-range lightning detection network for the Pacific: Construction, calibration, and performance, *J. Atmos. Ocean. Tech.*, 26(2), 145-166, doi: <http://dx.doi.org/10.1175/2008JTECHA1132.1>.
- 7586 Richards, K. J., S.-P. Xie, and T. Miyama, 2009, Vertical mixing in the ocean and its impact on the coupled ocean/atmosphere system in the Eastern Tropical Pacific, *J. Climate*, 22(13), 3703-3719, IPRC-560.
- 7587 Riner, M. A., P. G. Lucey, S. J. Desch, and F. M. McCubbin, 2009, Nature of opaque components on Mercury: Insights into a Mercurian magma ocean, *Geophys. Res. Lett.*, 36(12), L02201, doi: 10.1029/2008GL036128.
- 7588 Void.
- 7589 Wang, B., Q. Ding, and P. V. Joseph, 2009, Objective definition of the Indian summer monsoon onset, *J. Climate*, 22(12), 3303-3316, IPRC-561.
- 7590 Beerling, D., et al. [F. T. Mackenzie], 2009, Methane and the CH<sub>4</sub>-related greenhouse effect over the past 400 million years, *Am. J. Sci.*, 309(2), 97-113, doi:

10.2475/02.2009.01.

- 7591 Moore, G. F., et al., 2009, Structural and seismic stratigraphic framework of the NanTroSEIZE Stage 1 transect, in Kinoshita, M., H. Tobin, J. Ashi, G. Kimura, S. Lallemand, E. J. Screaton, D. Curewitz, H. Masago, K. T. Moe, and the Expedition 314/315/316 Scientists, *Proc. IODP, 314/315/316*, Integrated Ocean Drilling Program Management International, Inc., Washington, DC, doi: 10.2204/iodp.proc.314315316.102.2009.
- 7592 Kashino, Y., N. Espana, F. Syamsudin, K. J. Richards, T. Jensen, P. Dutrieux and A. Ishida, 2009, Observations of the North Equatorial Current, Mindanao Current, and the Kuroshio Current system during the 2006/7 El Niño and 2007/08 La Niña, *J. Oceanogr.*, 65(3), 325-333, IPRC-562, doi: 10.1007/s10872-009-0030-z.
- 7593 Misra, A. K., et al. [S. K. Sharma, P. V. Zinin, L. Melnick], 2009, Novel micro-cavity substrates for improving the Raman signal from sub-micron size materials, *Appl. Spectrosc.*, 63(3), 373-377.
- 7594 Haertel, P. T., L. Van Roekel, and T. G. Jensen, 2009, Constructing an idealized model of the North Atlantic Ocean using slippery sacks, *Ocean Model.*, 27(3-4), 143-159, IPRC-563.
- 7595 Xie, B.-G., Q.-H. Zhang, and Y. Wang, 2008, Trends in hail in China during 1960-2005, *Geophys. Res. Lett.*, 35(13), L13801, IPRC-564, doi: 10.1029/2008GL034067.
- 7596 Li, L.-J., Y. Wang, B. Wang, and T.-J. Zhou, 2008, Sensitivity of the grid-point atmospheric model of IAP LASG (GAMIL1.1.0) climate simulations to cloud droplet effective radius and liquid water path, *Adv. Atmos. Sci.*, 25(4), 529-540, IPRC-565, doi: 10.1007/s00376-008-0529-z.
- 7597 Zeng, Z., L. Chen, and Y. Wang, 2008, An observational study of environmental dynamical control of tropical cyclone intensity in the Atlantic, *Mon. Weather Rev.*, 136(9), 3307-3322, IPRC-566, doi: 10.1175/2008MWR2388.1.
- 7598 Zhao, H., D.-L. Tang, and Y. Wang, 2008, Comparison of phytoplankton blooms triggered by two typhoons with different intensities and translational speeds in the South China Sea, *Mar. Ecol. Prog. Ser.*, 365, 57-65, IPRC-567.
- 7599 Zhang, C.-X., Q.-H. Zhang, Y. Wang, and X.-D. Liang, 2008, Climatology of warm season cold vortices in East Asia: 1979-2005, *Meteor. Atmos. Phys.*, 100(1-4), 291-301, IPRC-568.
- 7600 Xu, X.-D., X.-Y. Shi, Y. Wang, S.-Q. Peng, and X.-H. Shi, 2008, Data analysis and numerical simulation of moisture source and transport associated with summer monsoon precipitation in the Yangtze River Valley over China, *Meteor. Atmos. Phys.*, 100, 217-231, IPRC-569.
- 7601 Shi, X.-Y., Y. Wang, and X.-D. Xu, 2008, Effect of mesoscale topography over the Tibetan Plateau on summer precipitation in China: A regional model study, *Geophys. Res. Lett.*, 35(19), L19707, IPRC-570, doi: 10.1029/2008GL034740.
- 7602 Wu, C.-C., H.-J. Cheng, Y. Wang, and K.-H. Chou, 2009, A numerical investigation of the eyewall evolution of a landfalling typhoon, *Mon. Weather Rev.*, 137(1), 21-40, IPRC-571.
- 7603 Ducklow, H. W., et al. [D. M. Karl], 2008, Particle export from the upper ocean over

- the continental shelf of the west Antarctic Peninsula: A long-term record, 1992-2007, *Deep-Sea Res. II*, 55(18-19), 2118-2131.
- 7604 Souma, K., and Y. Wang, 2009, Improved simulation of the East Asian summer monsoon rainfall with satellite-derived snow water equivalent data, *Mon. Weather Rev.*, 137(6), 1790-1804, IPRC-573.
- 7605 Natarov, A., and K. J. Richards, 2009, Three-dimensional instabilities of oscillatory equatorial zonal shear flows, *J. Fluid Mech.*, 623, 59-74, IPRC-574, doi: 10.1017/S0022112008005211.
- 7606 Wessel, P., 2009, Analysis of observed and predicted tsunami travel times for the Pacific and Indian Oceans, *Pure Appl. Geophys.*, 166(1-2), 301-324.
- 7607 Beard, J. S., B. R. Frost, P. Fryer, A. McCaig, R. Searle, B. Ildefonse, P. Zinin, and S. K. Sharma, 2009, Onset and progression of serpentinization and magnetite formation in olivine-rich troctolite from IODP Hole U1309D, *J. Petrol.*, 50(3), 387-403, doi: 10.1093/petrology/egp004.
- 7608 Mooney, T. A., P. E. Nachtigall, K. A. Taylor, M. H. Rasmussen, and L. A. Miller, 2009, Auditory temporal resolution of a wild white-beaked dolphin (*Lagenorhynchus albirostris*), *J. Comp. Physiol. A*, 195(4), 375-384.
- 7609 Ruttenberg, K. C., et al. [R. A. Briggs], 2009, Improved, high-through-put approach for phosphorus speciation in natural sediments via the SEDEX sequential extraction method, *Limnol. Ocean. Methods*, 7(5), 319-333, doi: 10.4319/lom.2009.7.319.
- 7610 Zhou, X., and B. Wang, 2009, From concentric eyewall to annular hurricane: A numerical study with the cloud-resolved WRF model, *Geophys. Res. Lett.*, 36(3), L03802, IPRC-575, doi: 10.1029/2008GL036854.
- 7611 Eble, J. A., R. J. Toonen, and B. W. Bowen, 2009, Endemism and dispersal: comparative phylogeography of three surgeonfishes across the Hawaiian Archipelago, *Mar. Biol.*, 156(4), 689-698, doi: 10.1007/s00227-008-1119-4.
- 7612 Qu, T., S. Gao, I. Fukumori, R. A. Fine, and E. J. Lindstrom, 2009, Origin and pathway of equatorial 13°C water in the Pacific identified by a simulated passive tracer and its adjoint, *J. Phys. Oceanogr.*, 38(8), 1836-1853, IPRC-578.
- 7613 Qi, Y., R. Zhang, T. Li, and M. Wen, 2008, Interactions between the summer mean monsoon and the intraseasonal oscillation in the Indian monsoon region, *Geophys. Res. Lett.*, 35(17), L17704, IPRC-577, doi: 10.1029/2008GL034517.
- 7614 Hey, R., F. Martinez, Á. Höskuldsson, and Á. Benediktsdóttir, 2010, Propagating rift model for the V-shaped ridges south of Iceland, *Geochem. Geophys. Geosyst.*, 11(3), Q03011, doi: 10.1029/2009GC002865.
- 7615 Curtis, C., B. S. Stewart, and S. A. Karl, 2009, Pleistocene population expansions of Antarctic seals, *Molec. Ecol.*, 18(10), 2112-2121, doi: 10.1111/j.1365-294X.2009.04166.x.
- 7616 Wessel, P., 2009, A general-purpose Green's function-based interpolator, *Comput. Geosci.*, 35(6), 1247-1254, doi: 10.1016/j.cageo.2008.08.012.
- 7617 Stott, L., J. Southon, A. Timmermann, A. Koutavas, 2009, A benthic radiocarbon age anomaly at intermediate depth in the Pacific Ocean during the last deglaciation,

- Paleoceanogr.*, 24, PA2223, IPRC-579, doi: 10.1029/2008PA001690.
- 7618 Hong, C.-C., and T. Li, 2009, The extreme cold anomaly over Southeast Asia in February 2008: Roles of ISO and ENSO, *J. Climate*, 22(15), 3786-3801, IPRC-580.
- 7619 Friedrich, T., and A. Oschlies, 2009, Neural-network based estimates of North Atlantic surface pCO<sub>2</sub> from satellite data: A methodological study, *J. Geophys. Res.-Oceans*, 114(C3), C03020, IPRC-581, doi: 10.1029/2007JC00464.
- 7620 Campbell, B. A., B. R. Hawke, and D. B. Campbell, 2009, Surface morphology of domes in the Marius Hills and Mons Rumker regions of the Moon from Earth-based radar data, *J. Geophys. Res.-Planets*, 114(E1), E01001, doi: 10.1029/2008JE003253.
- 7621 Measures, C. I., T. Satoa, S. Vink, S. Howell, and Y. H. Li, 2009, The fractional solubility of aluminum from mineral aerosols collected in Hawaii and implications for atmospheric deposition of biogeochemically important trace elements, *Mar. Chem.*, 120(1-4), 144-153.
- 7622 McNaughton, C. S., A. D. Clarke, V. Kapustin, Y. Shinozuka, S. G. Howell, B. E. Anderson, E. Winstead, J. Dibb, E. Scheuer, R. C. Cohen, P. Wooldridge, A. Perring, L. G. Huey, S. Kim, J. L. Jimenez, E. J. Dunlea, P. F. DeCarlo, P. O. Wennberg, J. D. Crouse, A. J. Weinheimer, and F. Flocke, 2009, Observations of heterogeneous reactions between Asian pollution and mineral dust over the Eastern North Pacific during INTEX-B, *Atmos. Chem. Physics*, 9(21), 8283-8308, doi: 10.5194/acp-9-8283-2009.
- 7623 Grabowski, M. N. W., M. J. Church, and D. M. Karl, 2008, Nitrogen fixation rates and controls at Stn ALOHA, *Aquat. Microb. Ecol.*, 52, 175-183, doi: 10.3354/ame01209.
- 7624 Chowdary, J. S., C. Gnanaseelan, and S.-P. Xie, 2009, Westward propagation of barrier layer formation in the 2006-07 Rossby wave event over the tropical Southwest Indian ocean, *Geophys. Res. Lett.*, 36(4), L04607, IPRC-582, doi: 10.1029/2008GL036642.
- 7624 (duplicate number) Zinin, P. V., and J. S. Allen III, 2009, Deformation of biological cells in the acoustical field of the oscillating bubble, *Phys. Rev. E*, 79(2) 021910.
- 7625 Lowther, J. E., P. V. Zinin, and L. C. Ming, 2009, Vibrational energies of graphene and hexagonal structured planar B-C complexes, *Phys. Rev. B*, 79(3), 033401.
- 7626 Chigarev, N., et al. [P. Zinin, L. C. Ming, G. Amulele], 2008, Laser generation and detection of longitudinal and shear acoustic waves in a diamond anvil cell, *Appl. Phys. Lett.*, 93(18), 181905, doi: 10.1063/1.3013587.
- 7627 Zinin, P. V., L. C. Ming, S. K. Sharma, S. M. Hong, Y. Xie, T. Irifune, and T. Shinmei, 2008, Synthesis of new cubic C<sub>3</sub>N<sub>4</sub> and BC<sub>x</sub> phases under high pressure and high temperature, *J. Phys. Conf. Ser.*, 121, 062002.
- 7628 Kristoffersen, Y., B. Coakley, J. K. Hall, and M. Edwards, 2007, Mass wasting on the submarine Lomonosov Ridge, central Arctic Ocean, *Mar. Geol.*, 243, 132-142, doi: 10.1016/j.margeo.2007.04.012.
- 7629 Pessi, A., and S. Businger, 2009, Relationships among lightning, precipitation, and hydrometeor characteristics over the North Pacific Ocean, *J. Appl. Meteorol. Climatol.*, 48(4), 833-848, doi: 10.1175/2008JAMC1817.1.
- 7630 Yaremchuk, M., D. Nechaev, and G. Panteleev, 2009, A method of successive

- corrections of the control subspace in the reduced-order variational data assimilation, *Mon. Weather Rev.*, 137(9), 2966-2978, IPRC-583.
- 7631 McCreary, J. P., et al., 2009, Biophysical processes in the Indian Ocean, in Wiggert, J. D., et al. (eds.), *Indian Ocean Biogeochemical Processes and Ecological Variability*, Geophys. Monogr. Ser., Vol. 185, AGU, Washington, DC, p. 9-32, IPRC-584, doi: 10.1029/2008GM000768.
- 7632 Blewett, D. T., et al. [J. J. Gillis-Davis], 2009, Multispectral images of Mercury from the first MESSENGER flyby: Analysis of global and regional color trends, *Earth Planet. Sci. Lett.*, 285(3-4), 272-282, doi: 10.1016/j.epsl.2009.02.021.
- 7633 Kikuchi, K., B. Wang, and H. Fudeyasu, 2009, Genesis of tropical cyclone Nargis revealed by multiple satellite observations, *Geophys. Res. Lett.*, 36(6), L06811, IPRC-585, doi: 10.1029/2009GL037296.
- 7634 Wagner, D., S. E. Kahng, and R. J. Toonen, 2009, Observations on the life history and feeding ecology of a specialized nudibranch predator (*Phyllodesmium poindimiei*), with implications for biocontrol of an invasive octocoral (*Carijoa riisei*) in Hawaii, *J. Exp. Mar. Biol. Ecol.*, 372(1-2), 64-74.
- 7635 Tsuji, T., et al. [G. Moore], 2009, Intraoceanic thrusts in the Nankai Trough off the Kii Peninsula: Implications for intraplate earthquakes, *Geophys. Res. Lett.*, 36(6), L06303, doi: 10.1029/2008GL036974.
- 7636 Furue, R., J. P. McCreary, and Z. Yu, 2009, Dynamics of the northern Tsuchiya Jet, *J. Phys. Oceanogr.*, 39(9), 2024-2051, IPRC-586.
- 7637 Liu, J., B. Wang, and J. Yang, 2008, Forced and internal modes of variability of the East Asian summer monsoon, *Clim. Past*, 4(4), 225-233, IPRC-587.
- 7638 Peng, J., T. Li, M. S. Peng, and X. Ge, 2009, Barotropic instability in the tropical cyclone outer region, *Quart. J. Roy. Met. Soc.*, 135, 851-864, IPRC-588.
- 7639 Wang, B., J. Liu, J. Yang, T.-J. Zhou, and Z. Wu, 2009, Distinct principal modes of early and late summer rainfall anomalies in East Asia, *J. Climate*, 22(13), 3864-3875, IPRC-589, doi: <http://dx.doi.org/10.1175/2009JCLI2850.1>.
- 7640 Karl, D. M., and R. M. Letelier, 2008, Nitrogen fixation-enhanced carbon sequestration in low nitrate, low chlorophyll seas, *Mar. Ecol. Prog. Ser.*, 364, 257-268.
- 7641 Canon-Tapia, E., and H. Herrero-Bervera, 2009, Sampling strategies and the anisotropy of magnetic susceptibility of dykes, *Tectonophys.*, 466, 3-17, HIGP-1709, doi: 10.1016/j.tecto.2008.11.012.
- 7642 Tsuji, T., H. Tokuyama, P. Costa Pisani, and G. Moore, 2008, Effective stress and pore pressure in the Nankai accretionary prism off the Muroto Peninsula, southwestern Japan, *J. Geophys. Res.-Solid Earth*, 113(B11), B11401, doi: 10.1029/2007JB005002.
- 7643 Ceballos, L. I., E. Di Lorenzo, C. D. Hoyos, N. Schneider, B. Taguchi, 2009, North Pacific Gyre Oscillation synchronizes climate fluctuations in the eastern and western boundary systems, *J. Climate*, 22(19), 5163-5174, IPRC-590.
- 7644 Wang, B., 2008, Thrusts and prospects on understanding and predicting Asian monsoon climate, *Acta Meteorol. Sin.*, 22(4), 383-403, IPRC-591.
- 7645 Yang, J., B. Wang, and B. Wang, 2008, Anticorrelated intensity change of the quasi-

- biweekly and 30–50-day oscillations over the South China Sea, *Geophys. Res. Lett.*, 35(16), L16702, IPRC-592, doi: 10.1029/2008GL034449.
- 7646 Wu, L., B. Wang, and S. A. Braun, 2008, Implications of tropical cyclone power dissipation index (PDI), *Int. J. Climatol.*, 28(6), 727-731, IPRC-593, doi: 10.1002/joc.1573.
- 7647 Wu, L., and B. Wang, 2008, What has changed the proportion of intense hurricanes in the last 30 years? *J. Climate*, 21(6), 1432-1439, IPRC-594, doi: <http://dx.doi.org/10.1175/2007JCLI1715.1>.
- 7648 Zhang, S., and B. Wang, 2008, Global summer monsoon rainy season, Revised, *Int. J. Climatol.*, 28(12), 1563-1578, IPRC-595, doi: 10.1002/joc1659.
- 7649 Wang, Y., 2009, How do outer spiral rainbands affect tropical cyclone structure and intensity? *J. Atmos. Sci.*, 66(5), 1250-1273, IPRC-572.
- 7650 McDowell, M. L., and V. E. Hamilton, 2009, Seeking phyllosilicates in thermal infrared data: A laboratory and Martian data case study, *J. Geophys. Res.-Planets*, 114(E6), E06007, doi: 10.1029/2008JE003317.
- 7651 Goldstein, J. I., E. R. D. Scott, and N. L. Chabot, 2009, Iron meteorites: Crystallization, thermal history, parent bodies and origin, *Chem. Erde-Geochem.*, 69(4), 293-325.
- 7652 Chhak, K. C., E. Di Lorenzo, P. Cummins, and N. Schneider, 2009, Forcing of low-frequency ocean variability in the Northeast Pacific, *J. Climate*, 22(5), 1255-1276, IPRC-539.
- 7653 Namekar, S., Y. Yamazaki, and K. F. Cheung, 2009, Neural network for tsunami and runup forecast, *Geophys. Res. Lett.*, 36(8), L08604, doi: 10.1029/2009GL037184.
- 7654 Sharma, S. K., A. K. Misra, L. Kanemoto, A. Dykes, and T. Acosta, 2009, New micro-cavity substrates for enhancing Raman signals of microscopic samples, *Proc. SPIE*, 7313, 73130F, doi: 10.1117/12.818235.
- 7655 Bowles, J. A., J. E. Hammer, and S. A. Brachfeld, 2009, Magnetic and petrologic characterization of synthetic Martian basalts and implications for the surface magnetization of Mars, *J. Geophys. Res.-Planets*, 114(E10), E10003, doi: 10.1029/2009JE003378.
- 7656 Maximenko, N., et al. [O. Melnichenko], 2009, Mean dynamic topography of the ocean derived from satellite and drifting buoy data using three different techniques, *J. Atmos. Ocean. Tech.*, 26(9), 1910-1919, IPRC-576.
- 7657 Timm, O., and H. F. Diaz, 2009, Synoptic-statistical approach to regional downscaling of IPCC twenty-first century climate projections: Seasonal rainfall over the Hawaiian Islands, *J. Climate*, 22(16), 4261-4280, IPRC-596.
- 7658 Nakano, H., H. Tsujino, and R. Furue, 2008, The Kuroshio Current System as a jet and twin "relative" recirculation gyres embedded in the Sverdrup circulation journal, *Dyn. Atmos. Oceans*, 45(3-4), 135-164, IPRC-597.
- 7659 Kajikawa, Y., T. Yasunari, and B. Wang, 2009, Decadal change in intraseasonal variability over the South China Sea, *Geophys. Res. Lett.*, 36(6), L06810, IPRC-598, doi: 10.1029/2009GL037174.
- 7660 Yu, J., and Y. Wang, 2009, Response of tropical cyclone potential intensity over the

- North Indian Ocean to global warming, *Geophys. Res. Lett.*, 36(3), L03709, IPRC-533, doi: 10.1029/2008GL036742.
- 7661 Tozuka, T., T. Qu, and T. Yamagata, 2009, Impacts of the South China Sea throughflow on seasonal and interannual variations of the Indonesian throughflow, *Dyn. Atmos. Oceans*, 47(1-3), 73-85, IPRC-549.
- 7662 Takigawa, A., et al. [G. R. Huss], 2008, Injection of short-lived radionuclides into the early solar system from a faint supernova with mixing-fallback, *Astrophys. J.*, 688(2), 1382-1387 doi: 10.1086/592184.
- 7663 Robinson, N., G. Ravizza, R. Coccioni, B. Peucker-Ehrenbrink, and R. Norris, 2009, A high resolution marine  $^{187}\text{Os}/^{188}\text{Os}$  record for the late Maastrichtian: Distinguishing the chemical fingerprints of Deccan volcanism and the KP impact event, *Earth Planet. Sci. Lett.*, 281(3-4), 159-168.
- 7664 Oakley, A. J., B. Taylor, and G. F. Moore, 2009, Sedimentary, volcanic and tectonic processes of the central Mariana arc: Mariana Trough backarc basin formation and the West Mariana Ridge, *Geochem. Geophys. Geosyst.*, 10(8), Q08X07, doi: 10.1029/2008GC002312.
- 7665 Mooney, T. A., P. E. Nachtigall, and S. Vlachos, 2009, Sonar induced hearing loss in dolphins, *Biol. Lett.*, 5(4), 565-567, doi: 10.1098/rsbl.2009.0099.
- 7666 Tokinaga, H., Y. Tanimoto, S.-P. Xie, T. Sampe, H. Tomita, and H. Ichikawa, 2009, Ocean frontal effects on the vertical development of clouds over the western North Pacific: In situ and satellite observations, *J. Climate*, 22(16), 4241-4260, IPRC-599.
- 7667 Wu, B., T. Zhou, and T. Li, 2009, Contrast of rainfall-SST relationships in the western North Pacific between the ENSO developing and decaying summers, *J. Climate*, 22(17), 4398-4405, IPRC-600.
- 7668 Wu, B., T. Zhou, and T. Li, 2009, Seasonally evolving dominant interannual variability modes of East Asian Climate, *J. Climate*, 22(11), 2992-3005, IPRC-601.
- 7669 Measures, C. I., et al. [M. T. Brown, K. E. Selph, A. Apprill, M. Hatta, W. T. Hiscock], 2013, The influence of shelf processes in delivering dissolved iron to the HNLC waters of the Drake Passage, Antarctica, *Deep-Sea Res. II*, 90, 77-88, doi: 10.1016/j.dsr2.2012.11.004.
- 7670 Fu, X., and B. Wang, 2009, Critical roles of the stratiform rainfall in sustaining the Madden-Julian Oscillation: GCM experiments, *J. Climate*, 22(14), 3939-3959, IPRC-602.
- 7671 Fu, X., B. Wang, Q. Bao, P. Liu, and J.-Y. Lee, 2009, Impacts of initial conditions on monsoon intraseasonal forecasting, *Geophys. Res. Lett.*, 36(8), L08801, IPRC-603, doi: 10.1029/2009GL037166.
- 7672 Qu, T., and Y. T. Song, 2009, Mindoro Strait and Sibutu Passage transports estimated from satellite data, *Geophys. Res. Lett.*, 36(9), L09601, IPRC-604, doi: 10.1029/2009GL037314.
- 7673 Small, R. J., K. J. Richards, S.-P. Xie, P. Dutrieux, and T. Miyama, 2009, Damping of tropical instability waves caused by the action of surface currents on stress, *J. Geophys. Res.-Oceans*, 114(C4), C04009, IPRC-605, doi: 10.1029/2008JC005147.

- 7674 Li, T., and C. Zhou, 2009, Planetary scale selection of the Madden-Julian Oscillation, *J. Atmos. Sci.*, 66(8), 2429-2443, IPRC-606.
- 7675 Rathburn, A. E., et al. [G. J. Fryer], 2009, Geological and biological heterogeneity of the Aleutian margin (1965-4822 m), *Prog. Oceanogr.*, 80(1-2), 22-50, doi: 10.1016/j.pocean.2008.12.002.
- 7676 Kida, S., and K. J. Richards, 2009, Seasonal sea surface temperature variability in the Indonesian Seas, *J. Geophys. Res.-Oceans*, 114(C6), C06016, IPRC-607, doi: 10.1029/2008JC005150.(C10)
- 7677 Hagerty, J. J., D. J. Lawrence, B. R. Hawke, and L. R. Gaddis, 2009, Thorium abundances on the Aristarchus plateau: Insights into the composition of the Aristarchus pyroclastic glass deposits, *J. Geophys. Res.-Planets*, 114(E4), E04002, doi: 10.1029/2008JE003262.
- 7678 Selph, K. E., et al. [C. I. Measures, S. Christensen, R. R. Bidigare], 2009, Spatially-resolved taxon-specific phytoplankton production and grazing dynamics in relation to iron distributions in the Equatorial Pacific between 110 and 140°W, *Deep-Sea Res. II*, 58(3-4), 358-377, doi: 10.1016/j.dsr2.2010.08.014.
- 7679 Eiler, A., D. H. Hayakawa, M. J. Church, D. M. Karl, and M. S. Rappé, 2009, Dynamics of the SAR11 bacterioplankton lineage in relation to environmental conditions in the oligotrophic North Pacific Subtropical gyre, *Environ. Microbiol.*, 11(9), 2291-2300, doi: 10.1111/j.1462-2920.2009.01954.x.
- 7680 Bates, D., and J. Porter, 2008, AO3D: A Monte Carlo Code for modeling of environmental light propagation, *J. Quant. Spectrosc. Radia. Transfer*, 109, 1802-1814.
- 7681 Bohnenstiehl, D. R., J. K. Howell, and R. N. Hey, 2008, Distribution of axial lava domes along a superfast overlapping spreading center, 27-32°S on the East Pacific Rise, *Geochem. Geophys. Geosyst.*, 9(12), Q12016, doi: 10.1029/2008GC002158.
- 7682 Boynton, W. V., G. J. Taylor, S. Karunatillake, R. C. Reedy, and J. M. Keller, 2008, Elemental abundances determined by Mars Odyssey GRS, in Bell, J. F. (ed.), *The Martian Surface: Composition, Mineralogy, and Physical Properties*, Cambridge University Press, p. 105-124.
- 7683 Combrinck, A., M. Turner, and R. Wright, 2008, Geoinformation technology and the environment, in Buckingham, S., and M. Turner (eds.), *Understanding Environmental Issues*, Sage Publications Ltd., p. 77-118.
- 7684 Connelly, J. N., Y. Amelin, A. N. Krot, and M. Bizzarro, 2008, Chronology of the Solar System's oldest solids, *Astrophys. J. Lett.*, 675(2), L121-L124.
- 7685 Cosarinsky, M., L. A. Leshin, G. J. MacPherson, Y. Guan, and A. N. Krot, 2008, Chemical and oxygen isotopic compositions of accretionary rim and matrix olivine in CV chondrites: Constraints on the evolution of nebular dust, *Geochim. Cosmochim. Acta*, 72(7), 1887-1913.
- 7686 Davies, A. G., et al. [R. Wright], 2008, Multi-instrument remote and in situ observations of the Mount Erebus volcano (Antarctica) lava lake in 2005: A comparison with the Pele lava lake on the Jovian moon Io, *J. Volcanol. Geotherm. Res.*, 177(3), 705-724, doi: 10.1016/j.jvolgeores.2008.02.010.
- 7687 Dohm, J. M., et al. [G. Jeffrey Taylor], 2008, Recent geological and hydrological



- activity on Mars: The Tharsis/Elysium corridor, *Planet. Space Sci.*, 56, 985-1013.
- 7688 Donohue, K. et al. [P. Hacker], 2008, Program studies the Kuroshio Extension, *EOS, Trans. AGU*, 89(17), 161-162.
- 7689 Edwards, C. S., P. R. Christensen, and V. E. Hamilton, 2008, Evidence for extensive olivine-rich basalt bedrock outcrops in Ganges and Eos chasmas, Mars, *J. Geophys. Res.-Planets*, 113(E11), E11003, doi: 10.1029/2008JE003091.
- 7690 Garcés, M., et al., 2008, Capturing the acoustic fingerprint of stratospheric ash injection, *EOS, Trans. AGU*, 89(40), doi: 10.1029/2008EO400001.
- 7691 Garcia, C. S., et al. [S. K. Sharma, A. K. Misra], 2008, Design and build a compact Raman sensor for identification of chemical composition, *Proc. SPIE*, 6943, 69430I, doi: 10.1117/12.781458.
- 7692 Hamilton, V. E., R. V. Morris, J. E. Gruener, and S. A. Mertzman, 2008, Visible, near-infrared, and middle infrared spectroscopy of altered basaltic tephros: Spectral signatures of phyllosilicates, sulfates, and other aqueous alteration products with application to the mineralogy of the Columbia Hills of Gusev Crater, Mars, *J. Geophys. Res.-Planets*, 113(E12), E12S43, doi: 10.1029/2007JE003049.
- 7693 Herrin, E. T., et al. [M. A. Garces], 2008, High-altitude infrasound calibration experiments, *Acoust. Today*, 4(2), 9-19.
- 7694 Jacobsen, B., et al. [A. N. Krot, K. Nagashima], 2008,  $^{26}\text{Al}$ - $^{26}\text{Mg}$  and  $^{207}\text{Pb}$ - $^{206}\text{Pb}$  systematics of Allende CAIs: Canonical solar initial  $^{26}\text{Al}/^{27}\text{Al}$  ratio reinstated, *Earth Planet. Sci. Lett.*, 272(1-2), 353-364.
- 7695 Karl, D. M., et al. [R. R. Bidigare, M. J. Church], 2008, The nitrogen cycle in the North Pacific trades biome: An evolving paradigm, in Capone, D. G., D. A. Bronk, M. R. Mulholland, and E. J. Carpenter (eds.), *Nitrogen in the Marine Environment*, Academic Press, San Diego, CA, p. 705-769.
- 7696 Keil, K., 2008, Keilite ( $\text{Fe}>0.5, \text{Mg}<0.5$ )S as an indicator of extensive impact melting on enstatite parent asteroids, *Microsc. Microanal.*, 14, Suppl. 2, 36-37.
- 7697 Keil, K., and A. Bischoff, 2008, Northwest Africa 2526: A partial melt residue of enstatite chondrite parentage, *Meteorit. Planet. Sci.*, 43(7), 1233-1240, HIGP-1841, doi: 10.1111/j.1945-5100.2008.tb01125.x.
- 7698 Keil, K., and F. Furtado, 2008, Pedra de Rosetta Solar, *Cienc. Hoje*, 42(252), 6-9.
- 7699 Void.
- 7700 Lucey, P. G., K. A. Horton, and T. Williams, 2008, Performance of a long-wave infrared hyperspectral imager using a Sagnac interferometer and an uncooled microbolometer array, *Appl. Optics*, 47(28), F107-F113.
- 7701 Mikumo, T., et al. [M. Garces, D. Fee], 2008, Low-frequency acoustic-gravity waves from tectonic deformation associated with the 2004 Sumatra-Andaman earthquake (Mw=9.2), *J. Geophys. Res.-Solid Earth*, 113(B12), B12402, doi: 10.1029/2008JB005710.
- 7702 Moran, S. C., et al. [M. A. Garcés], 2008, Seismic and acoustic recordings of an unusually large rockfall at Mount St. Helens, Washington, *Geophys. Res. Lett.*, 35(19), L19302, doi: 10.1029/2008GL035176.

- 7703 Void.
- 7704 Morrissey, M., M. Garcés, K. Ishihara, and M. Iguchi, 2008, Analysis of infrasonic and seismic events related to the 1998 Vulcanian eruption at Sakurajima, *J. Volcanol. Geotherm. Res.*, 175 (3), 315-324.
- 7705 Myer, D., D. Sandwell, B. Brooks, J. Foster, and M. Shimada, 2008, Inflation along Kilauea's southwest rift zone in 2006, *J. Volcanol. Geotherm. Res.*, 177(2), 418-424, doi: 10.1016/j.jvolgeores.2008.06.006.
- 7706 Pant, P., J. Narayan, M. H. Manghnani, and A. Hushur, 2008, Raman studies of GaN nucleation layer and GaN thin films deposited on sapphire (0001), *J. Nanosci. Nanotechnol.*, 8, 1-8.
- 7707 Reid, J. S., et al. [J. N. Porter], 2008, An overview of UAE2 flight operations: Observations of summertime atmospheric thermodynamic and aerosol profiles of the southern Arabian Gulf, *J. Geophys. Res.-Atmospheres*, 113(D14), D14213, doi: 10.1029/2007JD009435.
- 7708 Rout, S. S., et al. [K. Nagashima, A. N. Krot, G. R. Huss, K. Keil], 2009, Oxygen and magnesium isotope compositions of calcium-aluminum-rich inclusions from Rumuruti (R) chondrites, *Geochim. Cosmochim. Acta*, 73(14), 4264-4287.
- 7709 Taylor, G. J., S. M. McLennan, H. Y. McSween, Jr., M. B. Wyatt, and R. C. F. Lentz, 2008, Implications of observed primary lithologies, in Bell, J. F. (ed.), *The Martian Surface: Composition, Mineralogy, and Physical Properties*, Cambridge University Press, p. 501-513.
- 7710 Thrane, T., K. Nagashima, A. N. Krot, and M. Bizzarro, 2008, Discovery of a new FUN CAI from a CV carbonaceous chondrite: Evidence for multistage thermal processing in the protoplanetary disk, *Astrophys. J. Lett.*, 680(2), L141-L144.
- 7711 Tornabene, L. L., et al. [V. E. Hamilton], 2008, Surface and crater-exposed lithologic units of the Isidis Basin as mapped by coanalysis of THEMIS and TES derived data products, *J. Geophys. Res.-Planets*, 113(E10), E10001, doi: 10.1029/2007JE002988.
- 7712 Wheat, C. G., et al. [P. Fryer, S. Hulme, M. J. Mottl], 2008, Borehole observations of fluid flow from South Chamorro Seamount, an active serpentinite mud volcano in the Mariana forearc, *Earth Planet. Sci. Lett.*, 267(3-4), 401-409, doi: 10.1016/j.epsl.2007.11.057.
- 7713 Yurimoto, H., et al. [A. N. Krot], 2008, Oxygen isotopes of chondritic components, in MacPherson, G. J. (ed.), *Oxygen in the Solar System, Rev. Mineral. Geochem.*, 68, 141-187.
- 7714 Wilson, L., P. J. Mouginis-Mark, S. Tyson, J. Mackown, and H. Garbeil, 2009, Fissure eruptions in Tharsis, Mars: Implications for eruption conditions and magma sources, *J. Volcanol. Geotherm. Res.*, 185(1-2), 28-46, HIGP-1716, doi: 10.1016/j.jvolgeores.2009.03.006.
- 7715 Rubin, K. H., J. M. Sinton, J. Maclennan, and E. Hellebrand, 2009, Magmatic filtering of mantle compositions at mid-ocean ridge volcanoes, *Nature Geosci.*, 2, 321-328, doi: 10.1038/ngeo504.
- 7716 Tamaru, C. S., et al. [M. Nguyen], 2011, Growth and survival of juvenile feather duster worms, *Sabellastarte spectabilis*, fed live and preserved algae, *J. World Aquacult. Soc.*,

- 42(1), 12-23, doi: 10.1111/j.1749-7345.2010.00439.x.
- 7717 Brown, D., and M. Garcés, 2009, Ray tracing in an inhomogeneous atmosphere with winds, in Havelock, D., S. Kuwano, and M. Vorländer (eds.), *Handbook on Signal Processing in Acoustics*, Springer-Verlag, New York, p. 1437-1460.
- 7718 Jakobsson, M., L. Polyak, M. Edwards, J. Kleman, and B. Coakley, 2008, Glacial geomorphology of the Central Arctic Ocean: the Chukchi Borderland and the Lomonosov Ridge, *Earth Surf. Proc. Land.*, 33, 526-545.
- 7719 Dong, L., P. V. Zinin, L. C. Ming, and J. P. Cowen, 2009, Iron coated pottery granules for arsenic removal from drinking water, *J. Hazard. Mat.*, 168(2-3), 626-632.
- 7720 Drob, D. P., M. Garces, M. A. H. Hedlin, and N. Brachet, 2010, The temporal morphology of infrasound propagation, *Pure Appl. Geophys.*, 167(4), 437-453, doi: 10.1007/s00024-010-0080-6.
- 7721 Gaidos, E., A. N. Krot, J. P. Williams, and S. Raimond, 2009, Al-26 and the formation of the Solar System from a molecular cloud contaminated by Wolf-Rayet winds, *Astrophys. J.*, 696(2), 1854-1863, doi: 10.1088/0004-637X/696/2/1854.
- 7722 Garcés, M., and A. Le Pichon, 2009, Infrasound from earthquakes, tsunamis and volcanoes, in Meyers, R. A. (ed.), *Encyclopedia of Complexity and Systems Science*, Part 9, p. 4839-4855, doi: 10.1007/978-0-387-30440-3\_286, ISBN: 978-0-387-30440-3.
- 7723 Goldstein, J. I., J. Yang, P. G. Kotula, J. R. Michael, and E. R. D. Scott, 2009, Thermal histories of IVA iron meteorites from transmission electron microscopy of the cloudy zone microstructure, *Meteorit. Planet. Sci.*, 44(3), 343-358, doi: 10.1111/j.1945-5100.2009.tb00737.x.
- 7724 Letelier, R. M., P. G. Strutton, and D. M. Karl, 2008, Physical and ecological uncertainties in the widespread implementation of controlled upwelling in the North Pacific Subtropical Gyre, *Mar. Ecol. Prog. Ser.*, 371, 305-308.
- 7725 Keil, K., R. Fitzgerald, and K. F. G. Heinrich, 2008, Celebrating 40 years of energy dispersive x-ray spectrometry in electron probe microanalysis, *Microsc. Microanal.*, 14, Suppl. 2, CD 1152, HIGP-1769.
- 7726 Krot, A. N., et al. [G. R. Huss, K. Makide, E. R. D. Scott], 2009, Origin and chronology of chondritic components: A review, *Geochim. Cosmochim. Acta*, 73(17), 4963-4997.
- 7727 Makide, K., et al. [K. Nagashima, A. N. Krot, G. R. Huss], 2009, Oxygen- and magnesium-isotope compositions of calcium-aluminum-rich inclusions from CR2 carbonaceous chondrites, *Geochim. Cosmochim. Acta*, 73(17), 5018-5050, doi: 10.1016/j.gca.2009.01.042.
- 7728 Matoza, R., et al. [M. Garcés], 2009, The source of infrasound associated with long period events at Mount St. Helens, *J. Geophys. Res.-Solid Earth*, 114(B4), B04305, doi: 10.1029/2008JB006128.
- 7729 Matoza, R., et al. [D. Fee, M. Garcés], 2009, Infrasonic jet noise from volcanic eruptions, *Geophys. Res. Lett.*, 36(8), L08303, doi: 10.1029/2008GL036486.
- 7730 Park, J., M. Garces, and B. Thigpen, 2009, The rotary subwoofer: A controllable infrasound source, *J. Acoust. Soc. Am.*, 125(4), 2006-2012.

- 7731 Rout, S. S., K. Keil, and A. Bischoff, 2010, Bulk chemical composition of Al-rich objects from Rumuruti (R) chondrites: Implications to their origin, *Chem. Erde-Geochem.*, 70(1), 35-53.
- 7732 Scott, E. R. D., and I. S. Sanders, 2009, Implications of the carbonaceous chondrite Mn-Cr isochron for the formation of early refractory planetesimals and chondrules, *Geochim. Cosmochim. Acta*, 73(17), 5137-5149.
- 7733 Taylor, G. J., 2009, Ancient lunar crust: Origin, composition, and implications, *Elements*, 5, 17-22.
- 7734 Trinquier, A., et al. [A. N. Krot], 2009, Origin of nucleosynthetic isotope heterogeneity in the solar proto-planetary disk, *Science*, 324(5925), 374-376, doi: 10.1126/science.1168221.
- 7735 Wheat, C. G., et al. [P. Fryer, S. Hulme, M. J. Mottl,], 2008, Fluid flow from an active serpentine seamount: ODP Hole 1200C South Chamorro Seamount, *Earth Planet. Sci. Lett.*, 267(3-4), 401-409.
- 7736 Zinin, P. V., et al. [L.-C. Ming, S. K. Sharma, T. Acosta], 2009, Ultraviolet and near-infrared Raman spectroscopy of graphitic C<sub>3</sub>N<sub>4</sub> phase, *Chem. Phys. Lett.*, 472(1-3), 69-73, doi: 10.1016/j.cplett.2009.02.068.
- 7737 Zinin, P. V., L. C. Ming, S. K. Sharma, Y. Liu, and S. M. Hong, 2009, Ultraviolet Raman spectroscopy of the graphitic BC<sub>x</sub> phases, *Diam. Relat. Mater.*, 18(9), 1123-1128, doi: 10.1016/j.diamond.2009.02.025.
- 7738 Russo, C. J., K. H. Rubin, and D. W. Graham, 2009, Mantle melting and magma supply to the Southeast Indian Ridge: the roles of lithology and melting conditions from U-series disequilibria, *Earth Planet. Sci. Lett.*, 278(1-2), 55-66, doi: 10.1016/j.epsl.2008.11.016.
- 7739 Rubin, K. H., and G. F. Zellmer, 2009, Reply to comment on "On the recent bimodal magmatic processes and their rates in the Torfajökull--Veidivötn area, Iceland" by K. M. Cooper, *Earth Planet. Sci. Lett.*, 281(1-2), 115-123, doi: 10.1016/j.epsl.2009.02.008.
- 7740 Zellmer, G. F., K. H. Rubin, K. Grönvold, and Z. Jurado-Chichay, 2008, On the recent bimodal magmatic processes and their rates in the Torfajökull-Veidivötn area, Iceland, *Earth Planet. Sci. Lett.*, 269(3-4), 388-398, doi: 10.1016/j.epsl.2008.02.026.
- 7741 Soule, S. A., D. J. Fornari, M. R. Perfit, and K. H. Rubin, 2007, New insights into mid-ocean ridge volcanic processes from the 2005-06 eruption of the East Pacific Rise, 9° 46'-56'N, *Geology*, 35(12), 1079-1082, doi: 10.1130/G23924A.1.
- 7742 Graham, D. W., J. Blichert-Toft, C. J. Russo, K. H. Rubin, and F. Albarède, 2006, Cryptic striations in the upper mantle revealed by hafnium isotopes in Southeast Indian Ridge basalts, *Nature*, 440, 199-202, doi: 10.1038/nature04582.
- 7743 Rubin, K. H., I. van der Zander, M. C. Smith, and E. C. Bergmanis, 2005, Minimum speed limit for ocean ridge magmatism from <sup>210</sup>Pb-<sup>226</sup>Ra-<sup>230</sup>Th disequilibria, *Nature*, 437, 534-538, doi: 10.1038/nature03993.
- 7744 Kajikawa, Y., B. Wang, and J. Yang, 2010, A multi-time scale Australian monsoon index, *Int. J. Climatol.*, 30(8), 1114-1120, IPRC-608, doi: 10.1002/joc.1955.

- 7745 Wu, S., L. Wu, Q. Liu, and S.-P. Xie, 2010, Development processes of the tropical Pacific meridional mode, *Adv. Atmos. Sci.*, 27(1), 95-99, doi: 10.1007/s00376-009-8067-x, IPRC-609.
- 7746 Cahill, J. T. S., P. G. Lucey, and M. A. Wieczorek, 2009, Compositional variations of the lunar crust: Results from radiative transfer modeling of central peak spectra, *J. Geophys. Res.-Planets*, 114(E9), E09001, doi: 10.1029/2008JE003282.
- 7747 Rowland, S. K., and R. S. J. Sparks, 2009, A pictorial summary of the life and work of George Patrick Leonard Walker, in Thordarson, T., S. Self, G. Larsen, S. K. Rowland, and A. Hoskuldsson (eds.), *Studies in Volcanology: The Legacy of George Walker*, Spec. Pub. IAVCEI 2, Geol. Soc. London, p. 371-400.
- 7748 Treude, T., et al. [C. R. Smith, A. F. Bernardino, A. K. Hannides], 2009, Biogeochemistry of a deep-sea whale fall: sulfate reduction, sulfide efflux and methanogenesis, *Mar. Ecol. Prog. Ser.*, 382, 1-21, doi: 10.3354/meps07972.
- 7749 Gillis-Davis, J. J., et al., 2009, Pit-floor craters on Mercury: Evidence of near-surface igneous activity, *Earth Planet. Sci. Lett.*, 285(3-4), 243-250, , doi: 10.1016/j.epsl.2009.05.023.
- 7750 Foster, J. H., G. S. Carter, and M. A. Merrifield, 2009, Ship-based measurements of sea surface topography, *Geophys. Res. Lett.*, 36(11), L11605, doi: 10.1029/2009GL038324.
- 7751 Timmermann, A., et al. [L. Menviel, O. Timm], 2010, Towards a quantitative understanding of millennial-scale Antarctic warming events, *Quat. Sci. Rev.*, 29(1-2), 74-85, IPRC-610, doi: 10.1016/j.quascirev.2009.06.021.
- 7752 Zhang, S., S.-P. Xie, Q.-Y. Liu, Y.-Q., Yang, X.-G. Wang, and Z.-P. Ren, 2009, Seasonal variations of Yellow Sea fog: Observations and mechanisms, *J. Climate*, 22(24), 6758-6772, IPRC-611.
- 7753 Harris, A. J. L., and S. K. Rowland, 2009, Effusion rate controls on lava flow length and the role of heat loss: a review, in Thordarson, T., S. Self, G. R. Larsen, S. K. Rowland, and A. Hoskuldsson (eds.), *Studies in Volcanology: The Legacy of George Walker*, Spec. Pub., IAVCEI 2, Geol. Soc. London, p. 33-51.
- 7754 Tokinaga, H., and S.-P. Xie, 2009, Ocean tidal cooling effect on summer sea fog over the Okhotsk Sea, *J. Geophys. Res.-Atmos.*, 114(D14), D14102, IPRC-612, doi: 10.1029/2008JD01147.
- 7755 Di Lorenzo, E., et al. [N. Schneider], 2009, Nutrient and salinity decadal variations in the central and eastern North Pacific, *Geophys. Res. Lett.*, 36(14), IPRC-613, doi: 1029/2009GL038261.
- 7756 Liu, P., et al. [B. Wang, H. Fudeyasu, T. Li, X. Fu, H. Annamalai], 2009, An MJO simulated by the NICAM at 14-km and 7-km resolutions, *Mon. Weather Rev.*, 137(10), 3254-3268, IPRC-614, doi: <http://dx.doi.org/10.1175/2009MWR2965.1>.
- 7757 Huss, G. R., B. S. Meyer, G. Srinivasan, J. N. Goswami, and S. Sahijpal, 2009, Stellar sources of the short-lived radionuclides in the early Solar System, *Geochim. Cosmochim. Acta*, 73(17), 4922-4945, HIGP-1789, doi: 10.1016/j.gca.2009.01.039.
- 7758 Canon-Tapia, E., and E. Herrero-Bervera, 2009, Is the Pringle Falls excursion a product of geomagnetic field behaviour or an artefact of sedimentation processes? Insights from anisotropy of magnetic susceptibility (AMS) analyses, *Geophys. J. Int.*, 178(2), 702-

- 712, HIGP-1790, doi: 10.1111/j.1365-246X.2009.04223.x.
- 7759 Chavanne, C., P. Flament, and K.-W. Gurgel, 2010, Observations of a strong submesoscale anticyclone and associated frontogenesis near an island, *J. Phys. Oceanogr.*, 40(8), 1802-1818, doi: 10.1175/2010JPO4055.1.
- 7760 Mooney, T. A., A. F. Pacini, and P. E. Nachtigall, 2009, False killer whale (*Pseudorca crassidens*) echolocation and acoustic disruption: Implications for long-line bycatch and depredation, *Can. J. Zool.*, 87, 726-733, doi: 10.1139/Z09-061.
- 7761 Wessel, P., and L. W. Kroenke, 2009, Observations of geometry and ages constrain relative motion of Hawaii and Louisville plumes, *Earth Planet. Sci. Lett.*, 284(3-4), 467-472, doi: 10.1016/J.Epsl.2009.05.012.
- 7762 Winebrake, J. J., J. J. Corbett, E. H. Green, A. Lauer, and V. Eyring, 2009, Mitigating the health impacts of pollution from oceangoing shipping: An assessment of low-sulfur fuel mandates, *Environ. Sci. Tech.*, 43(13), 4776-4782, IPRC-616.
- 7763 Gaither, M. R., R. J. Toonen, D. R. Robertson, S. Planes, and B. W. Bowen, 2010, Genetic evaluation of marine biogeographical barriers: perspectives from two widespread Indo-Pacific snappers (*Lutjanus kasmira* and *Lutjanus fulvus*), *J. Biogeogr.*, 37(1), 133-147, doi: 10.1111/j.1365-2699.2009.02188.x.
- 7764 Hutcheon, I. D., K. K. Marhas, A. N. Krot, J. N. Goswami, and R. H. Jones, 2009, <sup>26</sup>Al in plagioclase-rich chondrules in carbonaceous chondrites: Evidence for an extended duration of chondrule formation, *Geochim. Cosmochim. Acta*, 73(17), 5080-5099, doi: 10.1016/j.gca.2009.04.042.
- 7765 Vialard, J., et al [J. P. McCreary], 2009, Intraseasonal response of the Northern Indian Ocean coastal waveguide to the Madden-Julian Oscillation, *Geophys. Res. Lett.*, 36(14), L14606, IPRC-617, doi: 10.1029/2009GL038450.
- 7766 Kaupp, L. J., C. I. Measures, K. E. Selph, and F. T. Mackenzie, 2009, The distribution of dissolved Fe and Al in the upper waters of the Eastern Equatorial Pacific, *Deep-Sea Res. II*, 58(3-4), 296-310, doi: 10.1016/j.dsr2.2010.08.009.
- 7767 Rotella, M. D., J. M. Sinton, J. J. Mahoney, and W. Chazey III, 2009, Geochemical evidence for low magma supply and inactive propagation at the Galapagos 93.25°W overlapping spreading center, *Geochem. Geophys. Geosyst.*, 10(9), Q09005, doi: 10.1029/2009GC002445.
- 7768 Tyler, P. A., L. Marsh, A. Baco-Taylor, and C. R. Smith, 2009, Protandric hermaphroditism in the whale-fall bivalve mollusc *Idas washingtonia*, *Marine Benthic Ecology and Biodiversity: A Compilation of Recent Advances in Honor of J. Frederick Grassle*, *Deep-Sea Res. II*, 56(19-20), 1689-1699.
- 7769 Wu, Y.Y., and K. F. Cheung, 2009, Two-parameter homotopy method for nonlinear equations, *Num. Algorithm.*, 53(4), 555-572, doi: 10.1007/s11075-009-9319-7.
- 7770 Kawamura, K., et al. [G. F. Moore], 2009, Structural architecture and active deformation of the Nankai accretionary prism, Japan: Submersible survey results from the Tenryu submarine canyon, *Geol. Soc. Am. Bull.*, 121(11-12), 1629-1646, doi: 10.1130/B26219.1.
- 7771 Bangs, N. L. B., et al. [G. F. Moore], 2009, Broad, weak regions of the Nankai Megathrust and implications for shallow coseismic slip, *Earth Planet. Sci. Lett.*, 284(1-

- 2), 44-49, doi: 10.1016/j.epsl.2009.04.026.
- 7772 Hoover, D. J., and F. T. Mackenzie, 2009, Fluvial fluxes of water, suspended particulate matter, and nutrients and potential impacts on tropical coastal water biogeochemistry: Oahu, Hawai'i, *Aquat. Geochem.*, 15(4), 547-570.
- 7773 Paquay, F. S., et al. [G. Ravizza], 2009, Absence of geochemical evidence for an impact event at the Bølling-Allerød/Younger Dryas transition, *PNAS*, 106(51), 21505-21510, doi: 10.1073/pnas.0908874106.
- 7774 McMurtry, G. M., J. F. Campbell, G. J. Fryer, and J. Fietzke, 2011, Uplift of Oahu, Hawaii, during the past 500 k.y. as recorded by elevated reef deposits, *Geology*, 38(1), 27-30, doi: 10.1130/G30378.1.
- 7775 Sampe, T., and S.-P. Xie, 2010, Large-scale dynamics of the Meiyu-Baiu rain band: Environmental forcing by the westerly jet, *J. Climate*, 23(1), 113-134, IPRC-620.
- 7776 Porter, J., and G. Cao, 2009, Using ground based stereo cameras to derive cloud level wind fields, *Optics Lett.*, 16, 2384-2386.
- 7777 Conrad, C. P., and L. Husson, 2009, Influence of dynamic topography on sea level and its rate of change, *Lithos*, 1, 110-120.
- 7778 Cooper, C. M., and C. P. Conrad, 2009, Does the mantle control the maximum thickness of cratons? *Lithos*, 1, 67-72.
- 7779 Métivier, L., et al. [C. P. Conrad], 2009, Evidence of earthquake triggering by the solid earth tides, *Earth Planet. Sci. Lett.*, 278(3-4), 370-375.
- 7780 Becker, T. W., C. P. Conrad, B. Buffett, and R. D. Müller, 2009, Past and present seafloor age distributions and the temporal evolution of plate tectonic heat transport, *Earth Planet. Sci. Lett.*, 278(3-4), 233-242.
- 7781 Métivier, L., and C. P. Conrad, 2008, Body tides of a convecting, laterally heterogeneous, and aspherical Earth, *J. Geophys. Res.-Solid Earth*, 113(B11), B11405, doi: 10.1029/2007JB005448.
- 7782 Meade, B. J., and C. P. Conrad, 2008, Andean growth and the deceleration of South American subduction: Time evolution of a coupled orogen-subduction system, *Earth Planet. Sci. Lett.*, 275(1-2), 93-101.
- 7783 Wu, B., C. P. Conrad, A. Heuret, C. Lithgow-Bertelloni, and S. Lallemand, 2008, Reconciling strong slab pull and weak plate bending: The plate motion constraint on the strength of mantle slabs, *Earth Planet. Sci. Lett.*, 272(1-2), 412-421.
- 7784 Smith, E. I., C. P. Conrad, T. Plank, A. Tibbetts, and D. Keenan, 2008, Testing models for basaltic volcanism: implications for Yucca Mountain, Nevada, Am. Nuclear Soc., *Proc. 12th Inter. High-Level Radioactive Waste Mgt. Conf.*, p. 157-164.
- 7785 Friedrich, T., and A. Oschlies, 2009, Basin-scale pCO<sub>2</sub> maps estimated from ARGO float data: A model study, *J. Geophys. Res.-Oceans*, 114(C10), C10012, IPRC-624, doi: 10.1029/2009JC005322.
- 7786 Daly-Engel, T. S., R. D. Grubbs, K. Feldheim, B. W. Bowen, and R. J. Toonen, 2009, Beneficial or unavoidable? Sexual conflict, low multiple paternity and genetic diversity in the shortspine spurdog shark, *Squalus mitsukurii*, *Mar. Ecol. Progr. Ser.*, 403, 255-267.

- 7787 Lauer, A., et al. [Y. Wang, V. T. J. Phillips, C. S. McNaughton, A. D. Clarke], 2009, Simulating marine boundary layer clouds over the eastern Pacific in a regional climate model with double-moment cloud microphysics, *J. Geophys. Res.-Atmos.*, 114(D21), D21205, IPRC-625, doi: 10.1029/2009JD012201.
- 7788 Seo, H., S.-P. Xie, R. Murtugudde, M. Jochum, and A. J. Miller, 2009, Seasonal effects of Indian Ocean freshwater forcing in a regional coupled model, *J. Climate*, 22(24), 6577-6596, IPRC-626.
- 7789 Liu, J., X. Kuang, B. Wang, Q. Ding, W. Soon, and E. Zorita, 2009, Centennial variations of the global monsoon precipitation in the last millennium: Results from ECHO-G Model, *J. Climate*, 22(9), 2356-2371, IPRC-627.
- 7790 Void.
- 7791 Void.
- 7792 Panteleev, G., et al. [N. Maximenko], 2008, Toward development of the 4Dvar data assimilation system in the Bering Sea: reconstruction of the mean dynamic topography, *Chinese J. Polar Res.*, Special Issue of Pacific Arctic Group (PAG) Model-Data Fusion Studies in the Arctic Ocean and Subpolar Seas, 19(2), 123-134, IPRC-628.
- 7793 Eason, D. E., and J. M. Sinton, 2009, Lava shields and fissure eruptions of the Western Volcanic Zone, Iceland: Evidence for magma chambers and crustal interaction, *J. Volcanol. Geotherm. Res.*, 186(3-4), 331-348, doi: 10.1016/j.jvolgeores.2009.06.009.
- 7794 Zinin, P. V., et al. [A. Misra, S. K. Sharma], 2010, Visible, near-infrared, and ultraviolet laser-excited Raman spectroscopy of the monocytes/macrophages (U937) cells, *J. Raman Spectrosc.*, 41(3), 268-274, doi: 10.1002/jrs.2444.
- 7795 Scott, E. R. D., R. C. Greenwood, I. A. Franchi, and I. S. Sanders, 2009, Oxygen isotopic constraints on the origin and parent bodies of eucrites, diogenites, and howardites, *Geochim. Cosmochim. Acta*, 73(19), 5835-5853.
- 7796 Void (no publication information available).
- 7797 Strasser, M., et al. [G. F. Moore], 2009, Origin and evolution of a splay fault in the Nankai accretionary wedge, *Nature Geosci.*, 2, 648-652, doi: 10.1038/ngeo609.
- 7798 Gillis, J. J., et al., 2004, Lunar surface geochemistry: Global concentrations of Th, K, and FeO as derived from Lunar Prospector and Clementine data, *Geochim. Cosmochim. Acta*, 68(18), 3791-3805.
- 7799 Head, J. W., et al. [J. J. Gillis-Davis], 2009, Volcanism on Mercury: Evidence from the first MESSENGER flyby for extrusive and explosive activity and the volcanic origin of plains, *Earth Planet. Sci. Lett.*, 285(3-4), 227-242, doi: 10.1016/j.epsl.2009.03.007.
- 7800 Head, J. W., et al. [J. J. Gillis-Davis], 2009, Evidence for intrusive activity on Mercury from the first MESSENGER flyby, *Earth Planet. Sci. Lett.*, 285(3-4), 251-262, doi: 10.1016/j.epsl.2009.03.008.
- 7801 Zeigler, R. A., R. L. Korotev, L. A. Haskin, B. L. Jolliff, and J. J. Gillis, 2006, Petrography and geochemistry of five new Apollo 16 mare basalts and evidence for post-basin deposition of basaltic material at the site, *Meteorit. Planet. Sci.*, 41(2), 263-284, doi: 10.1111/j.1945-5100.2006.tb00209.x.
- 7802 Wang, Y.-Q., Y. Wang, and H. Fudeyasu, 2009, The role of Typhoon Songda (2004) in



- producing distantly-located heavy rainfall in Japan, *Mon. Weather Rev.*, 137(11), 3699-3716, IPRC-630, doi: 10.1175/2009MWR2933.1.
- 7803 Sato, T., H. Miura, M. Satoh, Y. N. Takayabu, and Y. Wang, 2009, Diurnal cycle of precipitation in the tropics simulated in a global cloud-resolving model, *J. Climate*, 22(18), 4809-4826, IPRC-631.
- 7804 Füre, E., D. R. Hilton, M. D. Tryon, K. M. Brown, G. M. McMurtry, W. Brückmann, and C. G. Wheat, 2010, Carbon release from submarine seeps at the Costa Rica fore arc: Implications for the volatile cycle at the Central America convergent margin, *Geochem. Geophys. Geosyst.*, 11(4), Q04S21, doi: 10.1029/2009GC002810.
- 7805 Boeck, L., K. Keil, G. R. Huss, and I. E. Wilson, 2009, Description and classification of RC 110, new ordinary chondrite from Roosevelt County, New Mexico, USA, *Chem. Erde-Geochem.*, 69(3), 287-290.
- 7806 Hamilton, C. W., S. A. Fagents, and T. Thordarson, 2009, Explosive lava-water interactions II: self-organization processes among volcanic rootless eruption sites in the 1783-1784 Laki lava flow, Iceland, *Bull. Volcanol.*, 72(4), 449-467, HIGP-1800, doi: 10.1007/s00445-009-0331-5.
- 7807 Hamilton, C. W., T. Thordarson, and S. A. Fagents, 2009, Explosive lava-water interactions I: architecture and emplacement chronology of volcanic rootless cone groups in the 1783-1784 Laki lava flow, Iceland, *Bull. Volcanol.*, 72(4), 469-485, HIGP-1801, doi: 10.1007/s00445-009-0330-6.
- 7808 Beggan, C., and C. W. Hamilton, 2010, New image processing software for analyzing object size-frequency distributions, geometry, orientation, and spatial distribution, *Comput. Geosci.*, 36(4), 539-549, HIGP-1802, doi: 10.1016/j.cageo.2009.09.003.
- 7809 Void (no publication information available).
- 7810 Herrero-Bervera, E., and J. P. Valet, 2009, Testing determinations of absolute paleointensities from the 1955 and 1960 Hawaiian Flows, *Earth Planet. Sci. Lett.*, 287(3-4), 420-433.
- 7811 Xie, S.-P., C. Deser, G. A. Vecchi, J. Ma, H. Teng, and A. T. Wittenberg, 2010, Global warming pattern formation: Sea surface temperature and rainfall, *J. Climate*, 23(4), 966-986, IPRC-632.
- 7812 Taguchi, B., H. Nakamura, M. Nonaka, and S.-P. Xie, 2009, Influences of the Kuroshio/Oyashio Extensions on air-sea heat exchanges and storm track activity as revealed in regional atmospheric model simulations for the 2003/4 cold season, *J. Climate*, 22(24), 6536-6560, IPRC-633.
- 7813 Randall, J. E., and J. K. Schultz, 2009, *Pictichromis dinar*, a new dottyback (Perciformes: Pseudochromidae) from Indonesia, *Aqua Inter. J. Ichthyol.*, 15(4), 169-176.
- 7814 Phillips, V. T. J., et al. [A. Lauer, C. McNaughton], 2009, Potential impacts from biological aerosols on ensembles of continental clouds simulated numerically, *Biogeosciences*, 6(6), 987-1014, IPRC-634, doi: 10.5194/bg-6-987-2009.
- 7815 Shankar, D., et al. [J. P. McCreary], 2010, Minima of interannual sea-level variability in the Indian Ocean, *Prog. Oceanogr.*, 84(3-4), 225-241, IPRC-636, doi: 10.1016/j.pocean.2009.10.002.

- 7816 McGregor, S., A. Timmermann, and O. Timm, 2010, A unified proxy for ENSO and PDO variability since 1650, *Clim. Past*, 6(1), 1-17, IPRC-637, doi: 10.5194/cp-6-1-2010.
- 7817 Weersing, K., and R. J. Toonen, 2009, Population genetics, larval dispersal, and connectivity in marine systems, *Mar. Ecol. Prog. Ser.*, 393, 1-12, doi: 10.3354/meps08287.
- 7818 Concepcion, G. T., N. R. Polato, I. B. Baums, and R. J. Toonen, 2009, Parallel development of microsatellite markers from four Hawaiian corals: *Acropora cytherea*, *Fungia scutaria*, *Montipora capitata* and *Porites lobata*, *Conserv. Genet. Resour.*, 2(1), 11-15, doi: 10.1007/s12686-009-9118-4.
- 7819 Screamon, E., et al. [G. Moore], 2009, Interactions between deformation and fluids in the frontal thrust region of the NanTroSEIZE transect offshore the Kii Peninsula, Japan: Results from IODP Expedition 316 Sites C0006 and C0007, *Geochem. Geophys. Geosyst.*, 10(12), Q0AD01, doi: 10.1029/2009GC002713.
- 7820 Martin, K. M., S. P. S. Gulick, N. L. B. Bangs, G. F. Moore, J. Ashi, J.-O. Park, S. Kuramoto, and A. Taira, 2010, Possible strain partitioning structure between the Kumano fore-arc basin and the slope of the Nankai Trough accretionary prism, *Geochem. Geophys. Geosyst.*, 11(5), Q0AD02, doi: 10.1029/2009GC002668.
- 7821 Zheng, X.-T., S.-P. Xie, G. A. Vecchi, Q. Liu, and J. Hafner, 2010, Indian Ocean dipole response to global warming: Analysis of ocean-atmospheric feedbacks in a coupled model, *J. Climate*, 23(5), 1240-1253, IPRC-638.
- 7822 Lienert, B., J. Porter, and S. K. Sharma, 2009, Simultaneous measurement of spectra at multiple ranges using a single spectrometer, *Appl. Optics*, 48(24), 4762.
- 7823 Chowdary, J. S., et al. [S.-P. Xie, J. Hafner], 2011, Predictability of Northwest Pacific climate during summer and the role of the tropical Indian Ocean, *Clim. Dyn.*, 36(3-4), 607-621, IPRC-640, doi: 10.1007/s00382-009-0686-5.
- 7824 Sasaki, H., S.-P. Xie, B. Taguchi, M. Nonaka, and Y. Masumoto, 2010, Seasonal variations of the Hawaiian Lee Countercurrent induced by the meridional migration of the trade winds, *Ocean Dyn.*, 60, 705-715, IPRC-639, doi: 10.1007/s10236-009-0258-6.
- 7825 Reece, J. S., B. W. Bowen, K. Joshi, V. Goz, and A. F. Larson, 2010, Phylogeography of two moray eels indicates high dispersal throughout the Indo-Pacific, *J. Hered.*, 101(4), 391-402, doi: 10.1093/jhered/esq036.
- 7826 Qu, T., and J. Chen, 2009, A North Pacific decadal variability in subduction rate, *Geophys. Res. Lett.*, 36(22), L22602, IPRC-641, doi: 10.1029/2009GL040914.
- 7827 Makide, K., K. Nagashima, A. N. Krot, and G. R. Huss, 2009, Oxygen isotopic compositions of solar corundum grains, *Astrophys. J.*, 706(1), 142-147, doi: 10.1088/0004-637X/706/1/142.
- 7828 Wessel, P., 2010, Tools for analyzing intersecting tracks: The x2sys package, *J. Computers Geosci.*, 36(3), doi: 10.1016/j.cageo.2009.05.009.
- 7829 Gaither, M. R., et al. [B. W. Bowen, R. J. Toonen], 2010, Genetic consequences of introducing allopatric lineages of Bluestriped Snapper (*Lutjanus kasmira*) to Hawaii, *Molec. Ecol.*, 19(6), 1107-1121, doi: 10.1111/j.1365-294X.2010.04535.x.

- 7830 Gaither, M. R., R. J. Toonen, L. Sorenson, B. W. Bowen, 2010, Isolation and characterization of microsatellite markers for the Crimson Jobfish, *Pristipomoides filamentosus* (Lutjanidae), *Conserv. Genet. Resour.*, 2(1), 169-172.
- 7831 Timm, O., P. Koehler, A. Timmermann, and L. Menviel, 2010, Mechanisms for the onset of the African Humid Period and Sahara Greening, *J. Climate*, 23(10), 2612-2633, IPRC-642, doi: 10.1175/2010JCLI3217.1.
- 7832 Steph, S., et al. [A. Timmerman], 2010, Early Pliocene increases in thermohaline overturning preconditioned the development of the modern equatorial cold tongue, *Paleoceanogr.*, 25, PA2202, IPRC-643, doi: 10.1029/2008PA001645.
- 7833 An, S.-I., Y.-G. Ham, J.S. Kug, A. Timmermann, J. Choi, and I.-S. Kang, 2010, The inverse effect of annual-mean state and annual-cycle changes on ENSO, *J. Climate*, 23(5), 1095-1110, IPRC-644.
- 7834 Timmermann, A., and L. Menviel, 2009, What drives climate flip-flops? *Science*, 325, 273-274, IPRC-645.
- 7835 Ham, Y.-G., J.-S. Kug, I.-S. Kang, and A. Timmermann, 2009, Impact of diurnal atmosphere-ocean coupling on tropical climate in a coupled GCM, *Clim. Dyn.*, 34(60), 905-917, IPRC-646, doi: 10.1007/s00382-009-0586-8.
- 7836 Loeptien, U., C. Eden, A. Timmermann, and H. Dietze, 2009, Effects of biologically induced differential heating in an eddy-permitting coupled ocean-ecosystem model, *J. Geophys. Res.-Oceans*, 114(C6), C06011, IPRC-647, doi: 10.1029/2008JC004936.
- 7837 Mahaffey, C., C. R. Benitez-Nelson, R. R. Bidigare, Y. Rii, and D. M. Karl, 2008, Nitrogen dynamics within a wind-driven eddy, *Deep-Sea Res. II*, 55(10-13), 1398-1411.
- 7838 Kienast, M., M. Lehmann, A. Timmermann, E. Galbriathm T. Bolliet, A. Holbourn, C. Normandeau, and C. Laj, 2008, A mid-Holocene transition in nitrogen dynamics of the Western Equatorial Pacific: Evidence of a deepening thermocline? *Geophys. Res. Lett.*, 35(23), L23610, IPRC-649, doi: 10.1029/2008GL035464.
- 7839 McAndrew, P. M., R. R. Bidigare, and D. M. Karl, 2008, Primary production and implications for metabolic balance in Hawaiian lee eddies, *Deep-Sea Res. II*, 55(10-13), 1300-1309.
- 7840 Concepcion, G. T., S. E. Kahng, M. C. Crepeau, and R. J. Toonen, 2010, Resolving natural ranges and marine invasions in a globally distributed octocoral (genus *Carijoa*), *Mar. Ecol. Progr. Ser.*, 401, 113-127.
- 7841 Wang, Y., and J. Xu, 2010, Energy production, frictional dissipation, and maximum intensity of a numerically simulated tropical cyclone, *J. Atmos. Sci.*, 67(1), 97-116, IPRC-621.
- 7842 Yoshida, S., B. Qiu, and P. Hacker, 2010, Wind generated eddy characteristics in the lee of the island of Hawaii, *J. Geophys. Res.-Oceans*, 115(C3), C03019, IPRC-651, doi: 10.1029/2009JC005417.
- 7843 Souma, K., and Y. Wang, 2010, A comparison between the effects of snow albedo and infiltration of melting water of Eurasian snow on East-Asian summer monsoon rainfall, *J. Geophys. Res.-Atmos.*, 115(D2), D02115, IPRC-652, doi: 10.1029/2009JD012189.

- 7844 Chio, C. H., S. K. Sharma, L.-C. Ming, and D. W. Muenow, 2009, Raman spectroscopic investigation on Jarosite-Yavapaiite stability, *Spectrochim. Acta A*, 75, 162-171.
- 7845 Ge, X., T. Li, and M. S. Peng, 2010, Cyclogenesis simulation of Typhoon Prapiroon (2000) associated with Rossby wave energy dispersion, *Mon. Weather Rev.*, 138(1), 42-54, IPRC-623, doi: 10.1175/2009MWR3005.1.
- 7846 Wang, B., Z. Wu, C.-P. Chang, J. Liu, J. Li, and T. Zhou, 2010, Another look at interannual to interdecadal variations of the East Asian winter monsoon: The northern and southern temperature, *J. Climate*, 23(6), 1495-1512, IPRC-653.
- 7847 van der Zander, I., J. Sinton, and J. Mahoney, 2010, Late shield-stage silicic magmatism at Wai'anae Volcano: evidence for crustal melting in Hawaiian volcanoes, *J. Petrol.*, 51(3), 671-701, doi: 10.1093/petrology/egp094.
- 7848 Hammer, J. E., T. G. Sharp, and P. Wessel, 2010, Heterogeneous nucleation and epitaxial crystal growth of magmatic minerals, *Geology*, 38(4), 367-370, doi: 10.1130/G3060.1.
- 7849 Gu, D.-J., T. Li, Z.-P. Ji, and B. Zheng, 2010, Connection of the South China Sea summer monsoon to maritime continent convection and ENSO, *J. Trop. Meteorol.*, 16(1), 1-9, IPRC-654, doi: 10.3969/j.issn.1006-8775.2010.01.001.
- 7850 Tanimoto, Y., T. Kajitani, H. Okajima, and S.-P. Xie, 2010, A peculiar feature of the seasonal migration of the South American rain band, *J. Meteor. Soc. Japan*, 88(1), 79-90, IPRC-655, doi 10.2151/jmsj.2010-106.
- 7851 Fagents, S. A., M. E. Rumpf, I. A. Crawford, and K. H. Joy, 2010, Preservation potential of implanted solar wind volatiles in lunar paleoregolith deposits buried by lava flows, *Icarus*, 207(2), 595-604, HIGP-1827, doi: 10.1016/j.icarus.2009.11.033.
- 7852 Sampe, T., H. Nakamura, A. Goto, and W. Ohfuchi, 2010, Significance of a midlatitude SST frontal zone in the formation of a storm track and an eddy-driven westerly jet, *J. Climate*, 23(7), 1793-1814, IPRC-656.
- 7853 Kikuchi, K., and B. Wang, 2010, Formation of tropical cyclones in the northern Indian Ocean associated with two types of tropical intraseasonal oscillation modes, *J. Meteor. Soc. Japan*, 88(3), 475-496, IPRC-657, doi: 10.2151/jmsj.2010-313.
- 7854 Becker, N. C., P. Fryer, G. F. Moore, 2009, The Malaguana-Gadao Ridge: Identification and implications of a magma chamber reflector in the Southern Mariana Trough, *Geochem. Geophys. Geosyst.*, 11(1), doi: 10.1029/2009GC002719.
- 7855 Zhuang, W., et al. [S.-P. Xie], 2010, Intraseasonal variability in sea surface height over the South China Sea, *J. Geophys. Res.-Ocean*, 115(C4), C04010, IPRC-658, doi: 10.1029/2009JC005647s.
- 7856 Matsumura, S., G. Huang, S.-P. Xie, and K. Yamazaki, 2010, SST-forced and internal variability of the atmosphere in an ensemble GCM simulation, *J. Meteor. Soc. Japan*, 88(1), 43-62, IPRC-659, doi: 10.2151/jmsj.2010-104.
- 7857 Richter, I., and S.-P. Xie, 2010, Moisture transport from the Atlantic to the Pacific basin and its response to North Atlantic cooling and global warming, *Clim. Dyn.*, 35(2), 551-566, IPRC-660, doi: 10.1007/s00382-009-0708-3.

- 7858 Vetter, E. W., C. R. Smith, and F. C. De Leo, 2010, Hawaiian hotspots: enhanced megafaunal abundance and diversity in submarine canyons on the oceanic islands of Hawaii, *Mar. Ecol.*, 31, 183-199, doi: 10.1111/j.1439-0485.2009.00351.x.
- 7859 Naliboff, J. B., C. P. Conrad, and C. Lithgow-Bertelloni, 2009, Modification of the lithospheric stress field by lateral variations in plate-mantle coupling, *Geophys. Res. Lett.*, 36(22), L22307, doi: 10.1029/2009GL040484.
- 7860 Chavanne, C., et al. [P. Flament, E. Zaron, G. Carter, M. Merrifield, D. Luther], 2010, The surface expression of semidiurnal internal tides near a strong source at Hawaii. Part I: observations and numerical predictions, *J. Phys. Oceanogr.*, 40(6), 1155-1179, doi: 10.1175/2010JPO4222.1.
- 7861 Chavanne, C., P. Flament, D. Luther, and K.-W. Gurgel, 2010, The surface expression of semidiurnal internal tides near a strong source at Hawaii. Part II: interactions with mesoscale currents, *J. Phys. Oceanogr.*, 40(6), 1180-1200, doi: 10.1175/2010JPO4223.1.
- 7862 Andrews, K. R., et al. [W. W. L. Au, B. W. Bowen, E. G. Grau, R. J. Toonen], 2010, Rolling stones and stable homes: Social structure, habitat diversity, and population genetics of the Hawaiian spinner dolphin (*Stenella longirostris*), *Molec. Ecol.*, 19(4), 732-748, doi: 10.1111/j.1365-294X.2010.04521.x.
- 7863 Roeber, V., K. F. Cheung, and M. H. Kobayashi, 2010, Shock-capturing Boussinesq-type model for nearshore wave modeling, *Coastal Eng.*, 57(4), 407-423, doi: 10.1016/j.coastaleng.2009.11.007.
- 7864 Void (no publication information available).
- 7865 Laske, G., et al. [C. J. Wolfe], 2009, Probing the Hawaiian hotspot with new broadband ocean bottom instruments, *EOS, Trans. AGU*, 90(41), 362-363, HIGP-1829.
- 7866 Wolfe, C. J., et al., 2009, Mantle shear-wave velocity structure beneath the Hawaiian hot spot, *Science*, 326(5958), 1388-1390, HIGP-1830, doi: 10.1126/science.1180165.
- 7867 Li, C., T. Li, J. Liang, D. Gu, A. Lin and B. Zheng, 2010, Interdecadal variations of meridional winds in the South China Sea and their relationship with summer climate in China, *J. Climate*, 23(4), 825-841, IPRC-661.
- 7868 Campbell, B. A., B. R. Hawke, L. M. Carter, R. R. Ghent, and D. B. Campbell, 2009, Rugged lava flows on the Moon revealed by Earth-based radar, *Geophys. Res. Lett.*, 36(22), L22201, HIG-1827, doi: 10.1029/2009GL041087.
- 7869 Ascani, F., E. Firing, P. Dutrieux, J. P. McCreary, and A. Ishida, 2010, Deep equatorial ocean circulation induced by a forced-dissipated Yanai beam, *J. Phys. Oceanogr.*, 40(5), 1118-1142, IPRC-662, doi: 10.1175/2010JPO4356.1.
- 7870 Annamalai, H., 2010, Moist dynamical linkage between the equatorial Indian Ocean and south Asian monsoon trough, *J. Atmos. Sci.*, 67(3), 589-610, IPRC-635.
- 7871 Kamemoto, L. E., et al. [A. K. Misra, S. K. Sharma, A. C. Dykes, T. Acosta], 2010, Near-infrared micro-Raman spectroscopy for in vitro detection of cervical cancer, *Appl. Spectrosc.*, 64(3), 255-261, HIGP-1833.
- 7872 Wright, R., H. Garbeil, and A. G. Davies, 2010, Cooling rate of some active lava flows determined using an orbital imaging spectrometer, *J. Geophys. Res.*, 115, B06205, doi:

- 10.1029/2009JB006536, HIG-1834.
- 7873 Zeng, Z., Y. Wang, and L. Chen, 2010, A statistical analysis of vertical shear effect on tropical cyclone intensity change in the North Atlantic, *Geophys. Res. Lett.*, 37(2), L02802, IPRC-663.
- 7874 Grant, W. S., F. Lecomte, and B. W. Bowen, 2010, Biogeographical contingency and the evolution of tropical anchovies (genus *Cetengraulis*) from temperate anchovies (genus *Engraulis*), *J. Biogeogr.*, 37(7), 1352-1362, doi: 10.1111/j.1365-2699.2010.02291.x.
- 7875 Ge, X., T. Li, S. Zhang, and M. Peng, 2010, What causes the extremely heavy rainfall in Taiwan during Typhoon Morakot (2009)? *Atmosph. Sci. Lett.*, 11, 1, 46-50, IPRC-650, doi: 10.1002/asl.255.
- 7876 Bonal, L., G. R. Huss, A. N. Krot, and K. Nagashima, 2010, Chondritic lithic clasts in the CB/CH-like meteorite Isheyevo: fragments of previously unsampled parent bodies, *Geochim. Cosmochim. Acta*, 74(8), 2500-2522, HIGP-1817.
- 7877 Krot, A. N., K. Nagashima, M. Yoshitake, and H. Yurimoto, 2010, Oxygen isotopic compositions of chondrules from the metal-rich chondrites Isheyevo (CH/CBb), MAC 02675 (CBb) and QUE 94627 (CBb), *Geochim. Cosmochim. Acta*, 74(7), 2190-2211, HIGP-1832, doi: 10.1016/j.gca.2009.12.013.
- 7878 Kikuchi, K., and B. Wang, 2010, Spatio-temporal wavelet transform and the multiscale behavior of the Madden-Julian Oscillation, *J. Climate*, 23(14), 3814-3834, IPRC-664.
- 7879 Boyce, J., N. Barlow, P. Mouginiis-Mark, and S. Stewart, 2010, Ganymede rampart craters: their implications for fluidized ejecta emplacement, *Meteorit. Planet. Sci.*, 45(4), 638-661, doi: 10.1111/j.1945-5100.2010.01044.x.
- 7880 Li, T., 2010, Monsoon climate variabilities, in Sun, D.-Z., and F. Bryan (eds.), *Climate Dynamics: Why Does Climate Vary?* AGU Monogr., Am. Geophys. Un., Washington DC, p. 27-51, IPRC-665, doi: 10.1029/2008GM000782.
- 7881 Melnichenko, O. V., N. A. Maximenko, N. Schneider, H. Sasaki, 2010, Quasi-stationary striations in basin-scale oceanic circulation: vorticity balance from observations and eddy-resolving model, *Ocean Dyn.*, 60(3), 653-666, IPRC-666.
- 7882 Sharma, S. K., et al. [A. K. Misra, T. Acosta], 2010, Time-resolved remote-Raman spectroscopic study of minerals at high temperatures and under supercritical CO<sub>2</sub> relevant to Venus exploration, *Phil. Trans. R. Soc. A*, 368, 3167-3191, doi: 10.1098/rsta.2010.0034.
- 7883 Uchikawa, J., and R. E. Zeebe, 2010, Examining possible effects of seawater pH decline on foraminiferal stable isotopes during the Paleocene-Eocene thermal maximum, *Paleoceanogr.*, 25, PA2216, doi: 10.1029/2009PA001864.
- 7884 Carter, L. M., B. A. Campbell, B. R. Hawke, D. B. Campbell, and M. C. Nolan, 2009, Radar remote sensing of pyroclastic deposits in the southern Mare Serenitatis and Mare Vaporum regions of the Moon, *J. Geophys. Res.-Planets*, 114(E11), E11004, doi: 10.1029/2009JE003406.
- 7885 Conrad, C. P., B. Wu, E. I. Smith, T. A. Bianco, and A. Tibbetts, 2010, Shear-driven upwelling induced by lateral viscosity variations and asthenospheric shear: A mechanism for intraplate volcanism, *Phys. Earth Planet. Int.*, 178, 162-175.

- 7886 Xu, J., and Y. Wang, 2010, Sensitivity of tropical cyclone inner-core size and intensity to the radial distribution of surface entropy flux, *J. Atmos. Sci.*, 67(6), 1831-1852, IPRC-667.
- 7887 Calil, P. H. R., and K. J. Richards, 2010, Transient upwelling hot spots in the oligotrophic North Pacific, *J. Geophys. Res.-Oceans*, 115(C2), C02003, IPRC-668, doi: 10.1029/2009JC005360.
- 7888 Paret, M. L., S. K. Sharma, L. M. Green, and A. M. Alvarez, 2010, Biochemical characterization of gram-positive and gram-negative plant associated bacteria with micro-Raman spectroscopy, *Appl. Spectrosc.*, 64(4), 433-441.
- 7889 Xie, S.-P., Y. Du, G. Huang, X.-T. Zheng, H. Tokinaga, K. Hu, and Q. Liu, 2010, Decadal shift in El Niño influences on Indo-Western Pacific and East Asian climate in the 1970s, *J. Climate*, 23(13), 3352-3368, IPRC-669, doi: 10.1175/2010JCLI3429.1.
- 7890 Sasaki, Y. N., N. Schneider, N. Maximenko, and K. Lebedev, 2010, Observational evidence for propagation of decadal spiciness anomalies in the North Pacific, *Geophys. Res. Lett.*, 37(7), L07708, IPRC-670, doi: 10.1029/2010GL042716.
- 7891 Taylor, G. J., L. M. V. Martel, S. Karunatillakem, O. Gasnault, and W. V. Boynton, 2010, Mapping Mars geochemically, *Geology*, 38(2), 183-186, HIG-1839.
- 7892 Yu, J., Y. Wang, and K. Hamilton, 2010, Response of tropical cyclone potential intensity to a global warming scenario in the IPCC AR4 CGCMs, *J. Climate*, 23(6), 1354-1373, IPRC-648.
- 7893 Waller, R. G., and P. A. Tyler, 2011, Reproductive patterns in two deep-water solitary corals from the Northeast Atlantic—*Flabellum alabastrum* and *F. angulare* (Cnidaria: Anthozoa: Scleractinia), *J. Mar. Biol. Assoc. UK*, 91(3), 669-675, doi: 10.1017/S0025315410000822.
- 7894 Minobe, S., M. Miyashita, A. Kuwano-Yoshida, H. Tokinaga, and S.-P. Xie, 2010, Atmospheric response to the Gulf Stream: Seasonal variations, *J. Climate*, 23(13), 3699-3719, IPRC-671.
- 7895 Wang, B., Y. Yang, Q.-H. Ding, H. Murakami, and F. Huang, 2010, Climate control of global tropical storm days (1965-2008), *Geophys. Res. Lett.*, 37(7), L07704, IPRC-673, doi: 10.1029/2010GL042487.
- 7896 Hong, C.-C., T. Li, H. Lin, and Y.-C. Chen, 2010, Asymmetry of the Indian Ocean basin-wide SST anomalies, *J. Climate*, 23(13), 3563-3576, IPRC-674, doi: 10.1175/2010JCLI3320.1.
- 7897 Ellis, R., and S. Businger, 2010, Helical circulations in the typhoon boundary layer, *J. Geophys. Res.-Atmospheres*, 115(D6), D06205, doi: 10.1029/2009JD011819.
- 7898 Yun, K.-S., K.-J. Ha, B. Wang, and R.-Q. Ding, 2010, Decadal cooling in the Indian summer monsoon after 1997/1998 El Niño and its impact on the East Asian summer monsoon, *Geophys. Res. Lett.*, 37(1), L01805, IPRC-675.
- 7899 Zeng, Z.-H., Y. Wang, Y.-H. Duan, L.-S. Chen, and Z.-Q Gao, 2010, On sea surface roughness parameterization and its effect on tropical cyclone structure and intensity, *Adv. Atmos. Sci.*, 27(2), 337-355, IPRC-629.
- 7900 Kubota, H., and B. Wang, 2009, How much do tropical cyclones affect seasonal and

- interannual rainfall variability over the western North Pacific? *J. Climate*, 22(21), 5495-5510, IPRC-676.
- 7901 Wu, Z.-W., B. Wang, J.-P. Li, and F.-F. Jin, 2009, An empirical seasonal prediction model of the East Asian summer monsoon using ENSO and NAO, *J. Geophys. Res.-Atmospheres*, 114(D18), D18120, IPRC-677, doi: 10.1029/2009JD011733.
- 7902 Annamalai, H., S. Kida, and J. Hafner, 2010, Potential impact of the tropical Indian Ocean-Indonesian Seas on El Niño characteristics, *J. Climate*, 23(14), 3933-3952, IPRC-680.
- 7903 Sharma, S. K., A. K. Misra, T. E. Acosta, P. G. Lucey, and M. Nurul Abedin, 2010, Compact time-resolved remote Raman system for detection of anhydrous and hydrous minerals and ices for planetary exploration, *Proc. SPIE*, 7691, 76910F/1-76910F/11.
- 7904 Flinders, A. F., G. Ito, and M. O. Garcia, 2010, Gravity anomalies of the Northern Hawaiian Islands: Implications on the shield evolutions of Kauai and Niihau, *J. Geophys. Res.-Solid Earth*, 115(B8), B08412, doi: 10.1029/2009JB006877.
- 7905 Zhu, W., T. Li, X. Fu, and J.-J. Luo, 2010, Influence of the maritime continent on the boreal summer intraseasonal oscillation, *J. Meteor. Soc. Japan*, 88(3), 395-407, IPRC-681, doi: 10.2151/jmsj.2010308.
- 7906 Gu, D., T. Li, Z. Ji, and B. Zheng, 2010, On the phase relations between the western North Pacific, Indian, and Australian monsoons, *J. Climate*, 23(21), 5572-5589, IPRC-682, doi: 10.1175/2010JCLI2761.1.
- 7907 Wu, B., T. Li, and T. Zhou, 2010, Asymmetry of atmospheric circulation anomalies over the western North Pacific between El Niño and La Niña, *J. Climate*, 23(18), 4807-4822, IPRC-683, doi: 10.1175/2010JCLI3222.1.
- 7908 Wu, B., T. Li, and T. Zhou, 2010, Relative contributions of the Indian Ocean and local SST anomalies to the maintenance of the western North Pacific anomalous anticyclone during El Niño decaying summer, *J. Climate*, 23(11), 2974-2986, IPRC-684, doi: 10.1175/2010JCLI3300.1.
- 7909 Keil, K., 2010, Enstatite achondrite meteorites (aubrites) and the histories of their asteroidal parent bodies, *Chem. Erde-Geochem.*, 70(4), 295-317, HIGP-1842.
- 7910 Demopoulos, A. W. J., and C. R. Smith, 2010, Invasive mangroves alter macrofaunal community structure and facilitate opportunistic exotics, *Mar. Ecol. Prog. Ser.*, 404, 51-67, doi: 10.3354/meps08483.
- 7911 Murakami, H., and B. Wang, 2010, Future change of North Atlantic tropical cyclone tracks: Projection by a 20-km-mesh global atmospheric model, *J. Climate*, 23(10), 2699-2721, IPRC-679.
- 7912 Krot, A. N., et al. [K. Nagashima, G. R. Huss, and E. R. D. Scott], 2010, Oxygen isotopic composition of the Sun and mean oxygen isotopic composition of the protosolar silicate dust: Evidence from refractory inclusions, *Astrophys. J.*, 713(2), 1159-1166, HIGP-1834, doi: 10.1088/0004-637X/713/1/1.
- 7913 Sharma, S. K., et al. [A. K. Misra], 2010, In-vitro micro-Raman study of tissue samples for detecting cervical and ovarian cancer with 785-nm laser excitation, *Proc. SPIE*, 7674, 76740I/1-76740I/12, HIGP-1851, doi: 10.1117/12.849613.



- 7914 Bernardino, A. F., C. R. Smith, A. Baco, I. Altamira, and P. Y. G. Sumida, 2010, Macro faunal succession in sediments around kelp and wood falls in the deep NE Pacific and community overlap with other reducing habitats, *Deep-Sea Res. I*, 57(5), 708-723, doi: 10.1016/j.dsr.2010.03.004.
- 7915 Misra, A. K., S. K. Sharma, D. E. Bates and T. E. Acosta, 2010, Compact standoff Raman system for detection of homemade explosives, *Proc. SPIE*, 7665, 76650U/1-76650U/11, HIGP-1850.
- 7916 Chen, J.-M., T. Li, and C.-F. Shih, 2010, Tropical cyclone and monsoon induced rainfall variability in Taiwan, *J. Climate*, 23(15), 4107-4120, IPRC-685, doi: 10.1175/2010JCLI3355.1.
- 7917 Craig, M. T., J. E. Eble, and B. W. Bowen, 2010, Origins, ages and population histories: comparative phylogeography of endemic Hawaiian butterflyfishes, *J. Biogeogr.*, 37(11), 2125-2136, doi: 10.1111/j.1365-2699.2010.02358.x.
- 7918 Sweetman, A. K., et al. [C. R. Smith], 2010, Impacts of exotic mangrove forests and mangrove deforestation on carbon remineralization and ecosystem functioning in marine sediments, *Biogeosciences*, 7(7), 2129-2145, doi: 10.5194/bg-7-2129-2010.
- 7919 Chavanne, C., P. Flament, D. Luther and K.-W. Gurgel, 2010, Observations of vortex Rossby waves associated with a mesoscale cyclone, *J. Phys. Oceanogr.*, 40(10), 2333-2340, doi: 10.1175/2010JPO4495.1.
- 7920 Timmermann, A., S. McGregor, and F.F.-. Jin, 2010, Wind effects on past and future regional sea-level trends in the southern Indo-Pacific, *J. Climate*, 23(16), 4429-4437, IPRC-686, doi: 10.1175/2010JCLI3519.1.
- 7921 Du, Y., and T. Qu, 2010, Three inflow pathways of the Indonesian throughflow as seen from the Simple Ocean Data Assimilation, *Dyn. Atmos. Oceans*, 50(2), 233-256, IPRC-687.
- 7922 Martinez, E., and K. J. Richards, 2010, Impact of spatio-temporal heterogeneities and lateral stirring and mixing on midwater biotic interactions, *J. Mar. Syst.*, 82 (3), 122-134, IPRC-688.
- 7923 Butler, R., and S. Tsuboi, 2010, Antipodal seismic observations of temporal and global variation at Earth's inner-outer core boundary, *Geophys. Res. Lett.*, 37(11), L11301, HIG-1845, doi: 10.1029/2010GL042908.
- 7924 Kuwano-Yoshida, A., S. Minobe, and S.-P. Xie, 2010, Precipitation response to the Gulf Stream in an atmospheric GCM, *J. Climate*, 23(13), 3676-3698, IPRC-689, doi: 10.1175/2010JCLI3261.1.
- 7925 Hsin, Y.-C., T. Qu, and C.-R. Wu, 2010, Intra-seasonal variation of the Kuroshio southeast of Taiwan and its possible forcing mechanism, *Ocean Dyn.*, 60(5), 1293-1306, IPRC-690.
- 7926 De Leo, F. C., C. R. Smith, A. A. Rowden, D. A. Bowden, and M. R. Clark, 2010, Submarine canyons: hotspots of benthic biomass and productivity in the deep sea, *Proc. R. Soc. B*, 277(1695), 2783-2792, doi: 10.1098/rspb.2010.0462.
- 7927 Taguchi, B., et al. [B. Qiu, S.-P. Xie, N. Schneider], 2010, Decadal variability of the Kuroshio Extension: Mesoscale eddies and recirculations, *Ocean Dyn.*, 60(3), 673-691, IPRC-691, doi: 10.1007/s10236-010-0295-1.

- 7928 Stopa, J. E., K. F. Cheung, and Y. L. Chen, 2011, Assessment of wave energy resources in Hawaii, *Renew. Energ.*, 36(2), 554-567, doi: 10.1016/j.renene.2010.07.014.
- 7929 Beier, C., S. P. Turner, J. M. Sinton, and J. B. Gill, 2010, Influence of subducted components on back-arc melting dynamics in the Manus Basin, *Geochem. Geophys. Geosyst.*, 11(6), Q0AC03, doi: 10.1029/2010GC003037.
- 7930 Olson, R. J., et al. [B. N. Popp, B. S. Graham, N. J. Wallsgrave, E. Gier], 2010, Food web inferences of stable isotope spatial patterns in copepods and yellowfin tuna in the pelagic eastern Pacific Ocean, *Prog. Oceanogr.*, 86(1-2), 124-138, doi: 10.1016/j.pocean.2010.04.026.
- 7931 Hong, C.-C., and T. Li, 2010, The independence of SST skewness to thermocline feedback in the eastern equatorial Indian Ocean, *Geophys. Res. Lett.*, 37(11), L11702, IPRC-692, doi: 10.1029/2010GL043380.
- 7932 Zhou, C., and T. Li, 2010, Upscale feedback of tropical synoptic variability to intraseasonal oscillations through the nonlinear rectification of the surface latent heat flux, *J. Climate*, 23(21), 5738-5754, IPRC-693, doi: 10.1175/2010JCLI3468.1.
- 7933 Nagano, A., et al. [H. Tokinaga], 2010, Stable volume and heat transports of the North Pacific subtropical gyre revealed by indentifying the Kuroshio in synoptic hydrography south of Japan, *J. Geophys. Res.-Oceans*, 115(C9), C09002, IPRC-694, doi: 10.1029/2009JC005747.
- 7934 Xu, H., H. Tokinaga, and S.-P. Xie, 2010, Atmospheric effects of the Kuroshio Large Meander during 2004-05, *J. Climate*, 23(17), 4704-4715, IPRC-695.
- 7935 Ajayamohan, R. S., H. Annamalai, J.-J. Luo, J. Hafner, and T. Yamagata, 2011, Poleward propagation of boreal summer intraseasonal oscillations in a coupled model: Role of internal processes, *Clim. Dyn.*, 37(5-6), 851-867, IPRC-696, doi: 10.1007/s00382-010-0839-6.
- 7936 Spudis, P. D., et al. [J. J. Gillis-Davis], 2010, Initial results for the north pole of the Moon from Mini-SAR, Chandrayaan-1 mission, *Geophys. Res. Lett.*, 37(6), L06204, doi: 10.1029/2009GL042259.
- 7937 Osterloo, M. M., F. S. Anderson, V. E. Hamilton, and B. M. Hynek, 2010, The geologic context of proposed chloride-bearing materials on Mars, *J. Geophys. Res.-Planets*, 115(E10), E10012, doi: 10.1029/2010JE-3613.
- 7938 Lee, S.-S., J.-Y. Lee, K.-J. Ha, B. Wang, and J. Schemm, 2011, Deficiencies and possibilities for long-lead coupled climate prediction of the Western North Pacific-East Asian summer monsoon, *Clim. Dyn.*, 36(5), 1173-1188, IPRC-697.
- 7939 Schultz, J. K., A. J. Marshall, and M. Pfunder, 2010, Genome-wide loss of diversity in the critically endangered Hawaiian Monk Seal, *Diversity*, 2, 863-880, doi: 10.3390/d2060863.
- 7940 Lamas, L., et al. [N. Maximenko], 2010, Evidence of time-mean cyclonic cell southwest of Iberian Peninsula: The Mediterranean Outflow-driven beta-plume? *Geophys. Res. Lett.*, 37(12), L12606, IPRC-698, doi: 10.1029/2010GL043339.
- 7941 Riner, M. A., F. M. McCubbin, P. G. Lucey, G. J. Taylor, and J. J. Gillis-Davis, 2010, Mercury surface composition: Integrating petrologic modeling and remote sensing data to place constraints on FeO abundance, *Icarus*, 209(2), 301-313, doi:

- 10.1016/j.icarus.2010.05.018.
- 7942 Garcia, M. O., L. Swinnard, D. Weis, A. R. Greene, T. Tagami, H. Sano, and C. E. Gandy, 2010, Petrology, geochemistry and geochronology of Kaua'i lavas over 4-5 myr: Implications for the origin of rejuvenated volcanism and the evolution of the Hawaiian plume, *J. Petrol.*, 51(7), 1507-1540, doi: 10.1093/petrology/erq027.
- 7943 Qu, T., S. Gao, I. Fukumori, R. A. Fine, and E. J. Lindstrom, 2010, The obduction of Equatorial 13°C water in the Pacific identified by a simulated passive tracer, *J. Phys. Oceanogr.*, 40(10), 2282-2297, IPRC-699, doi: 10.1175/2010JPO4358.1.
- 7944 Xie, B.-G., Q.-H. Zhang, and Y. Wang, 2010, Observed characteristics of hail size in four regions in China during 1980-2005, *J. Climate*, 23(18), 4973-4982, IPRC-700, doi: 10.1175/2010JCLI3600.1.
- 7945 Wyant, M.C., et al. [Y. Wang], 2010, The PreVOCA experiment: Modeling the lower troposphere in the Southeast Pacific, *Atmos. Chem. Physics*, 10(10), 4757-4774, IPRC-701, doi: 10.5194/acp-10-4757-2010.
- 7946 Stein, K., N. Schneider, A. Timmermann, and F.-F. Jin, 2010, Seasonal synchronization of ENSO events in a linear stochastic model, *J. Climate*, 23(21), 5629-5643, IPRC-702, doi: 10.1175/2010JCLI3292.1.
- 7947 Lee, J.-Y., et al. [B. Wang, X. Fu], 2010, How are seasonal prediction skills related to models' performance on mean state and annual cycle? *Clim. Dyn.*, 35(2), 267-283, IPRC-703.
- 7948 (duplicate number) Gaither, M. R., Z. Szabó, M. Crepeau, C. Bird, and R. Toonen, 2011, Preservation of corals in salt-saturated DMSO buffer is superior to ethanol for PCR experiments, *Coral Reefs*, 30(2), 329-333.
- 7948 Clarke, A., and V. Kapustin, 2010, Hemispheric aerosol profiles: Anthropogenic impacts on optical depth and cloud nuclei, *Science*, 329(5998), 1488-1492, doi: 10.1126/science.1188838.
- 7949 Kim, S.-S., and P. Wessel, 2010, Flexure modelling at seamounts with dense cores, *Geophys. J. Int.*, 182(2), 583-598, doi: 10.1111/j.1365-246X.2010.04653.x.
- 7950 Drupp, P., E. Heinen De Carlo, F. T. Mackenzie, P. Bienfang, and C. L. Sabine, 2011, Nutrient inputs, dynamics and phytoplankton response in a semi-enclosed subtropical embayment, Kaneohe Bay, Hawaii, Special Issue: Memorial Tribute to the Life and Career of John W. Morse, *Aquat. Geochem.*, 17(4-5), 473-498, doi: 10.1007/s10498-010-9115-y.
- 7951 Huang, G., K. Hu, and S.-P. Xie, 2010, Strengthening of tropical Indian Ocean teleconnection to the Northwest Pacific since the mid-1970s: An atmospheric GCM study, *J. Climate*, 23(19), 5294-5304, IPRC-704, doi: 10.1175/2010JCLI3577.1.
- 7952 Moutin, T., et al. [D. M. Karl], 2008, Phosphate availability and the ultimate control of new nitrogen input by nitrogen fixation in the tropical Pacific Ocean, *Biogeosciences*, 5(1), 95-109, doi: 10.5194/bg-5-95-2008.
- 7953 Wilson, L., K. Keil, and T. McCoy, 2010, Pyroclast loss or retention during explosive volcanism on asteroids: Influence of asteroid size and gas content of melt, *Meteorit. Planet. Sci.*, 45(8), 1284-1301, HIG-1857, doi: 10.1111/j.1945-5100.2010.01085.x.

- 7954 Baker, E. T., et al. [F. Martinez, M. H. Edwards], 2010, Hydrothermal cooling along the Eastern Lau Spreading Center: No evidence for discharge beyond the neovolcanic zone, *Geophys. Geochem. Geosyst.*, 11(8), Q08004, doi: 10.1029/2010GC003106.
- 7955 Guerrero Garcia, J. C., and E. Herrero-Bervera, 2010, Tectonics of southwestern Mexico, isotopic evidence, nuclear Central America, late Cretaceous break up, *Stud. Geophys. Geod.*, 54, 403-415, HIGP-1858.
- 7956 Xu, J., and Y. Wang, 2010, Sensitivity of the simulated tropical cyclone inner-core size to the initial vortex size, *Mon. Weather Rev.*, 138(11), 4135-4157, IPRC-705, doi: 10.1175/2010MWR3335.1.
- 7957 Lauer, A., K. Hamilton, Y. Wang, V. T. J. Phillips, and R. Bennartz, 2010, The impact of global warming on marine boundary layer clouds over the eastern Pacific—A regional model study, *J. Climate*, 23(21), 5844-5863, IPRC-706.
- 7958 Okazaki, Y., et al. [A. Timmermann, L. Menviel], 2010, Deep water formation in the North Pacific during the last glacial termination, *Science*, 329(5988), 200-204, IPRC-707, doi: 10.1126/science.1190612.
- 7959 Wessel, P., 2010, Exploring the ends of the Earth, *Oceanogr.*, 23(3), 56-59, <http://dx.doi.org/10.5670/oceanog.2010.32>.
- 7960 Timmermann, A., J. Knies, O. Elison-Timm, A. Abe-Ouchi, and T. Friedrich, 2010, Promotion of glacial ice-sheet buildup 60-115 kyr B.P. by precessionally paced Northern Hemispheric meltwater pulses, *Paleoceanogr.*, 25, PA4208, IPRC-708, doi: 10.129/2010PA001933.
- 7961 Bernardino, A. F., and C. R. Smith, 2010, Community structure of infaunal macrobenthos around vestimentiferan thickets at the San Clemente cold seep, NE Pacific, *Mar. Ecol.*, 31, 608-621, doi: 10.1111/j.1439-0485.2010.00389.x.
- 7962 Valet, J.-P., E. Herrero-Bervera, J. Carlut, and D. Kondopoulou, 2010, A selective procedure for absolute paleointensity in lava flows, *Geophys. Res. Lett.*, 37(16), L16308, HIGP-1859, doi: 10.1029/2010GL044100.
- 7963 Li, Y.-H., Y. Sohrin, and T. Takamatsu, 2010, Lake Biwa and the ocean: geochemical similarity and difference, *Limnol.*, 12(1), 89-101, doi: 10.1007/s10201-010-0326-0.
- 7964 Leahy, G. M., J. A. Collins, C. J. Wolfe, G. Laske, and S. C. Solomon, 2010, Underplating of the Hawaiian Swell: evidence from teleseismic receiver functions, *Geophys. J. Int.*, 183(1), 313-329, HIGP-1860.
- 7965 Poland, M., et al. [B. Brooks, J. Foster, C. Wolfe], 2010, Slow slip event at Kilauea Volcano, *EOS, Trans. AGU*, 91(13), 118-119, HIGP-1861.
- 7966 Syracuse, E. M., et al. [C. J. Wolfe, J. H. Foster, B. A. Brooks], 2010, High-resolution locations of triggered earthquakes and tomographic imaging of Kilauea Volcano's south flank, *J. Geophys. Res.-Solid Earth*, 115(B10), B10310, HIGP-1862, doi: 10.1029/2010JB007554.
- 7967 Yamada, T., P. G. Okubo, and C. J. Wolfe, 2010, The 2006 Kiholo Bay, Hawaii, earthquake sequence: Relationship of the main shock slip with the locations and source parameters of aftershocks, *J. Geophys. Res.*, 115(B8), B08304, HIGP-1863, doi: 10.1029/2009JB006657.

- 7968 Wang, B., H.-J. Kim, K. Kikuchi, and A. Kitoh, 2011, Diagnostic metrics for evaluation of annual and diurnal cycles, *Clim. Dyn.*, 37(5-6), 941-955, IPRC-709, doi: 10.1007/s00382-010-0877-0.
- 7969 Chigarev, N., et al. [P. Zinin, L. C. Ming, T. Acosta], 2010, Analysis of ultrasonic echoes induced by pulsed laser action on iron film in a diamond anvil cell, *High Press. Res.*, 30(1), 78-82.
- 7970 Liu, X. R., et al. [P. V. Zinin, L. C. Ming, T. Acosta, S. K. Sharma, A. K. Misra], 2010, Raman spectroscopy of melamine at high pressures, *J. Physics Conf. Ser.*, 215(1), 012045.
- 7971 Ming, L. C., P. V. Zinin, X. R. Liu, Y. Nakamoto, and R. Jia, 2010, Synthesis of dense BCx phases under high-pressure and high-temperature, *J. Physics Conf. Ser.*, 215(1), 012135.
- 7972 Zinin, P. V., et al. [L. C. Ming, T. Acosta], 2010, Evaluation of elastic properties of iron in diamond anvil cell by laser ultrasonics technique, *J. Physics Conf. Ser.*, 215(1) 012053.
- 7973 Void.
- 7974 Friedrich, T., A. Timmermann, L. Menviel, O. E. Timm, A. Mouchet, and D. M. Roche, 2010, The mechanism behind internally generated centennial-to-millennial scale climate variability in an earth system model of intermediate complexity, *Geosci. Model Develop.*, 116, D04109, IPRC-710.
- 7975 Uchikawa, J., B. N. Popp, J. E. Schoonmaker, A. Timmermann, S. J. Lorenz, 2010, Geochemical and climate modeling evidence for Holocene aridification in Hawaii: dynamic response to a weakening equatorial cold tongue, *Quat. Sci. Rev.*, 29, 3057-3066, IPRC-711, doi: 10.1016/j.quascirev.2010.07.014.
- 7976 Campbell, B. A., et al. [B. R. Hawke], 2010, Earth-based 12.6-cm wavelength radar mapping of the Moon: New views of impact melt distribution and mare physical properties, *Icarus*, 208(2), 565-573, HIGP-1864, doi: 10.1016/j.icarus.2010.03.011.
- 7977 McLeod, E., et al. [R. Moffitt, A. Timmermann], 2010, Warming seas in the Coral Triangle: Coral reef vulnerability and management implications, *Coast. Mgt.*, 38(5), 518-539, IPRC-712, doi: 10.1080/08920753.2010.509466.
- 7978 Bonal, L., et al. [G. R. Huss, A. N. Krot, K. Nagashima], 2010, Highly 15N-enriched chondritic clasts in the CB/CH-like meteorite Isheyevo, *Geochim. Cosmochim. Acta*, 74(22), 6590-6609, HIGP-1865.
- 7979 Hamilton, C. W., S. A. Fagents, and L. Wilson, 2010, Explosive lava–water interactions in Elysium Planitia, Mars: Geologic and thermodynamic constraints on the formation of the Tartarus Colles cone groups, *J. Geophys. Res.-Planets*, 115(E9), E09006, HIGP-1866, doi: 10.1029/2009JE003546.
- 7980 Ge, L., and K. F. Cheung, 2011, Spectral sampling method for uncertainty propagation in long-wave runup modeling, *J. Hydraul. Eng.*, 137(3), 277-288.
- 7981 Wagner, D., et al. [R. J. Toonen], 2010, Using morphometrics, *in situ* observations and genetic characters to distinguish amongst commercially valuable Hawaiian black coral species; a redescription of *Antipathes grandis* Verrill, 1928 (Antipatharia: Antipathidae), *Invertebr. System.*, 24, 271-290.

- 7982 Brugger, C. R., and J. E. Hammer, 2010, Crystal size distribution analysis of plagioclase in experimentally decompressed hydrous rhyodacite magma, *Earth Planet. Sci. Lett.*, 300(3-4), 246-254.
- 7983 Padilla-Gamiño, J. L., T. M. Weatherby, R. G. Waller, and R. D. Gates, 2011, Formation and structural organization of the egg-sperm bundle of the scleractinian coral *Montipora capitata*, *Coral Reefs*, 30(2), 371-380, doi: 10.1007/s00338-010-0700-8.
- 7984 Fudeyasu, H., et al. [Y. Wang], 2010, Multiscale interactions in the lifecycle of a tropical cyclone simulated in a global cloud-system-resolving model: Part I: large-scale and storm-scale evolutions, *Mon. Weather Rev.*, 138(12), 4285-4304, IPRC-713, doi: 10.1175/2010MWR3475.1.
- 7985 Fudeyasu, H., et al. [Y. Wang], 2010, Multiscale interactions in the lifecycle of a tropical cyclone simulated in a global cloud-system-resolving model: Part II: large-scale and storm-scale evolutions, *Mon. Weather Rev.*, 138(12), 4305-4327, IPRC-714, doi: 10.1175/2010MWR3475.1.
- 7986 Wagner, D., et al. [R. J. Toonen], 2011, New records of commercially valuable black corals (*Cnidaria: Antipatharia*) from the Northwestern Hawaiian Islands at mesophotic depths, *Pac. Sci.*, 65(2), 249-255, doi: <http://dx.doi.org/10.2984/65.2.249>.
- 7987 Pacini, A. F., P. E. Nachtigall, L. N. Kloepper, M. Linnenschmidt, A. Sogorb, and S. Matias, 2010, Audiogram of a formerly stranded long-finned pilot whale (*Globicephala melas*) measured using auditory evoked potentials, *J. Exp. Mar. Biol. Ecol.*, 213(18), 3138-3143.
- 7988 Schultz, J. K., J. D. Baker, R. J. Toonen, A. L. Hartig, and B. W. Bowen, 2015, Seals and alleles on the move: genetic structure of the Hawaiian monk seal and implications for management, *Conserv. Biol.* (in press).
- 7989 Ruban, D., S. Zorina, and C. P. Conrad, 2010, No global-scale transgressive-regressive cycles in the Thanetian (Paleocene): evidence from interregional correlation, *Palaeogeogr. Palaeocl. Palaeoecol.*, 295, 226-235.
- 7990 Fiedler, J. W., and C. P. Conrad, 2010, Spatial variability of sea level rise due to water impoundment behind dams, *Geophys. Res. Lett.*, 37(12), L12603, doi: 10.1029/2010GL043462.
- 7991 Conrad, C. P., and M. D. Behn, 2010, Constraints on lithosphere net rotation and asthenospheric viscosity from global mantle flow models and seismic anisotropy, *Geochem. Geophys. Geosyst.*, 11(5), Q05W05, doi: 10.1029/2009GC002970.
- 7992 Gaidos, E., C. P. Conrad, M. Manga, and J. Hernlund, 2010, Thermodynamic limits on magnetodynamos in rocky exoplanets, *Astrophys. J.*, 718(2), 596-609.
- 7993 Void (no publication information available)
- 7994 Sharma, S. K., et al. [A. K. Misra, T. E. Acosta, D. E. Bates], 2011, Remote-Raman spectroscopic study of minerals under supercritical CO<sub>2</sub> relevant to Venus exploration, *Spectrochim. Acta A*, 80(1), 75-81, HIGP-1866, doi: 10.1016/j.saa.2011.01.033.
- 7995 Dousset, B., et al., 2011, Satellite monitoring of summer heat waves in the Paris metropolitan area, *Int. J. Climatol.*, 31(2), 313-323, doi: 10.1002/joc.2222.
- 7996 Toonen, R. J., and R. K. Grosberg, 2011, Causes of chaos: spatial and temporal genetic

heterogeneity in the intertidal anomuran crab *Petrolisthes cinctipes*, in Koenemann, S., C. Held, and C. Schubart (eds.), *Phylogeography and Population Genetics in Crustacea*, CRC Press Crustacean Issues Press, Chapter 4, p. 73-106.

- 7997 Neill, O. K., et al. [J. E. Hammer], 2010, Influence of pre-eruptive degassing and crystallization on the juvenile products of laterally directed volcanic explosions, *J. Volcanol. Geotherm. Res.*, 198(1-2), 264-274, doi: 10.1016/j.volgeores.2010.09.011.
- 7998 Mittelstaedt, E., G. Ito, J. van Hunen, 2011, Repeat ridge jumps associated with plume-ridge interaction, melt transport and ridge migration, *J. Geophys. Res.-Solid Earth*, 116(B1), B01102, doi: 10.1029/2010JB007504.
- 7999 Roeber, V., Y. Yamazaki, and K. F. Cheung, 2010, Resonance and impact of the 2009 Samoa tsunami around Tutuila, American Samoa, *Geophys. Res. Lett.*, 37(21), L21604, doi: 10.1029/2010GL044419.