

Publications of the Hawaii Institute of Geophysics and Planetology
University of Hawaii
2012

1. Andrews-Hana, J.C. and 18 others including **G. J. Taylor** (2012). Ancient igneous intrusions and early expansion of the Moon revealed by GRAIL gravity gradiometry. *Science*, published on-line December 5th, 2012 as doi:10.1126/science.1231530.
2. Angel, S. M., N. R. Gomer, **S. K. Sharma** and C. McKay (2012). Remote Raman spectroscopy for planetary exploration: A Review. *Applied Spectroscopy* vol. 66, 137 – 150.
3. Ashley, J.W., and 10 others including **B.R. Hawke** (2012). Geology of the King crater region: New insights into impact melt dynamics on the Moon. *J. Geophys. Res.*, 117: E00H29, doi:10.1029/2011JE003990.
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5. **Benediktsdottir, A., R. Hey, F. Martinez,** and A. Hoskuldsson (2012). Detailed tectonic evolution of the Reykjanes Ridge during the past 15 Ma. *Geochem. Geophys. Geosys.* 13, Q02008, doi: 10.1029/2011GC003948.
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11. **Chandler, M.T.,** Wessel, P., Taylor, B., Seton, M., Kim, S.-S. and K. Hyeong (2012). Reconstructing Ontong Java Nui: Implications for Absolute Plate Motion, Hotspot Drift and True Polar Wander, *Earth and Planet. Sci. Letters*, 331-332, 10.1016/j.epsl.2012.03.017, pp. 140-151.
12. Collins, J. A., **C. J. Wolfe,** and G. Laske (2012). Shear-wave splitting at the Hawaiian hotspot from the PLUME land and ocean bottom seismometer deployments, *Geochem. Geophys. Geosys.*, 13, doi:10.1029/2011GC003881.
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14. Davis, L., K. Flores, E. Main, **M. Rognstad** and **M. Edwards** (2012). Time-lapse photography of munitions at Ordnance Reef, Mar. Tech. Society J. 46 (3), 21-25.
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 16. Dubessy, J., M.-C. Caumon, F. Rull and **S. Sharma** (2012). Instrumentation in Raman spectroscopy: elementary theory and practice. EMU Notes in Mineralogy, Vol. 12 Chapter 3, 83–172.
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