

volume 118
number 12
December 2013

Articles published online
1 December – 31 December 2013

**Journal of
Geophysical
Research
Solid Earth**

**J
G
R**

The online article is the official version and may contain additional content not available in this print issue. To access the full article, including multimedia, enhanced figures, supporting information, and other nonprinted content, go to <http://wileyonlinelibrary.com/journal/jgrb>.

Geomagnetism and Paleomagnetism/Marine Geology and Geophysics

- 6049 *Liao Chang, Michael Winklhofer, Andrew P. Roberts, David Heslop, Fabio Florindo, Mark J. Dekkers, Wout Krijgsman, Kazuto Kodama, and Yuhji Yamamoto*
Low-temperature magnetic properties of pelagic carbonates: Oxidation of biogenic magnetite and identification of magnetosome chains (doi 10.1002/2013JB010381)

Chemistry and Physics of Minerals and Rocks/Volcanology

- 6066 *Hiroshi Sakuma*
Adhesion energy between mica surfaces: Implications for the frictional coefficient under dry and wet conditions (doi 10.1002/2013JB010550)
- 6076 *B. O. Mysen, K. Mibe, I.-M. Chou, and W. A. Bassett*
Structure and equilibria among silicate species in aqueous fluids in the upper mantle: Experimental $\text{SiO}_2\text{-H}_2\text{O}$ and $\text{MgO-SiO}_2\text{-H}_2\text{O}$ data recorded in situ to 900°C and 5.4 GPa (doi 10.1002/2013JB010537)
- 6086 *Gernot Michlmayr, Denis Cohen, and Dani Or*
Shear-induced force fluctuations and acoustic emissions in granular material (doi 10.1002/2012JB009987)
- 6099 *Xiao-Qiong Wang, Alexandre Schubnel, Jérôme Fortin, Yves Guéguen, and Hong-Kui Ge*
Physical properties and brittle strength of thermally cracked granite under confinement (doi 10.1002/2013JB010340)
- 6113 *D. N. Espinoza, M. Vandamme, P. Dangla, J.-M. Pereira, and S. Vidal-Gilbert*
A transverse isotropic model for microporous solids: Application to coal matrix adsorption and swelling (doi 10.1002/2013JB010337)
- 6124 *A. D. Rosa, M. Mezouar, G. Garbarino, P. Bouvier, S. Ghosh, A. Rohrbach, and C. Sanchez-Valle*
Single-crystal equation of state of phase D to lower mantle pressures and the effect of hydration on the buoyancy of deep subducted slabs (doi 10.1002/2013JB010060)

Seismology

- 6134 *Jesse F. Lawrence, Marine Denolle, Kevin J. Seats, and Germán A. Prieto*
A numeric evaluation of attenuation from ambient noise correlation functions (doi 10.1002/2012JB009513)
- 6146 *Kayla A. Kroll, Elizabeth S. Cochran, Keith B. Richards-Dinger, and Danielle F. Sumy*
Aftershocks of the 2010 M_w 7.2 El Mayor-Cucapah earthquake reveal complex faulting in the Yuha Desert, California (doi 10.1002/2013JB010529)
- 6165 *Takao Kumazawa and Yosihiko Ogata*
Quantitative description of induced seismic activity before and after the 2011 Tohoku-Oki earthquake by nonstationary ETAS models (doi 10.1002/2013JB010259)
- 6183 *Y. van Dinther, T. V. Gerya, L. A. Dalguer, P. M. Mai, G. Morra, and D. Giardini*
The seismic cycle at subduction thrusts: Insights from seismo-thermo-mechanical models (doi 10.1002/2013JB010380)
- 6203 *Joan Gomberg and Stephanie Prejean*
Triggered tremor sweet spots in Alaska (doi 10.1002/2013JB010273)

- 6219** *M. Segou, T. Parsons, and W. Ellsworth*
Comparative evaluation of physics-based and statistical forecasts in Northern California (doi 10.1002/2013JB010313)
- 6241** *Livio Sirovich, Franco Pettenati, and Fabio Cavallini*
Intensity-based source inversion of the destructive earthquake of 1694 in the southern Apennines, Italy (doi 10.1002/2013JB010245)
- 6258** *Ryuta Arai, Takaya Iwasaki, Hiroshi Sato, Susumu Abe, and Naoshi Hirata*
Crustal structure of the Izu collision zone in central Japan from seismic refraction data (doi 10.1002/2013JB010532)
- 6269** *Robin S. Matoza, David Fee, Tracianna B. Neilsen, Kent L. Gee, and Darcy E. Ogden*
Aeroacoustics of volcanic jets: Acoustic power estimation and jet velocity dependence (doi 10.1002/2013JB010303)
- 6285** *A. Obermann, T. Planès, E. Larose, and M. Campillo*
Imaging preeruptive and coeruptive structural and mechanical changes of a volcano with ambient seismic noise (doi 10.1002/2013JB010399)

Geodesy and Gravity/Tectonophysics

- 6295** *Christopher S. Takeuchi and Yuri Fialko*
On the effects of thermally weakened ductile shear zones on postseismic deformation (doi 10.1002/2013JB010215)
- 6311** *Sylvain Barbot, Piyush Agram, and Marcello De Michele*
Change of apparent segmentation of the San Andreas fault around Parkfield from space geodetic observations across multiple periods (doi 10.1002/2013JB010442)
- 6328** *Carlos Alberto Moreno Chaves and Naomi Ussami*
Modeling 3-D density distribution in the mantle from inversion of geoid anomalies: Application to the Yellowstone Province (doi 10.1002/2013JB010168)