

Lithosphere

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Lithosphere, a peer-reviewed journal launched in 2009, focuses on processes that affect the crust, upper mantle, landscapes, and/or sedimentary systems at all spatial and temporal scales. The journal particularly welcomes, but is not limited to, submissions that document the feedback relationships among geomorphic, lithospheric, and upper mantle processes.

Contents

- | | | | |
|------------|--|------------|--|
| 427 | The Liuqu Conglomerate, southern Tibet: Early Miocene basin development related to deformation within the Great Counter Thrust system
Ryan J. Leary, Peter G. DeCelles, Jay Quade, George E. Gehrels, and Gerald Waanders | 519 | Provenance approaches in polydeformed metasedimentary successions: Determining nearest neighboring cratons during the deposition of the Paleoproterozoic Murmac Bay Group
C. Shiels, C.A. Partin, and B.M. Eglinton |
| 451 | Detrital zircon ages indicate an Early Cretaceous episode of blueschist-facies metamorphism in southern Alaska: Implications for the Mesozoic paleogeography of the northern Cordillera
Erik M. Day, Terry L. Pavlis, and Jeffrey M. Amato | 533 | Detrital zircon record of mid-Paleozoic convergent margin activity in the northern U.S. Rocky Mountains: Implications for the Antler orogeny and early evolution of the North American Cordillera
Luke P. Beranek, Paul K. Link, and C. Mark Fanning |
| 463 | Metamorphic evolution and SIMS U-Pb geochronology of the Qingshigou area, Dunhuang block, NW China: Tectonic implications of the southernmost Central Asian orogenic belt
Hao Y.C. Wang, Hong-Xu Chen, Jun-Sheng Lu, Guo-Dong Wang, Tao Peng, Hui C.G. Zhang, Quan-Ren Yan, Quan-Lin Hou, Qing Zhang, and Chun-Ming Wu | 551 | Cooling and exhumation along the curved Albany-Fraser orogen, Western Australia
Elisabeth Scibiorski, Eric Tohver, Fred Jourdan, Christopher L. Kirkland, and Catherine Spaggiari |
| 480 | Tectonic evolution of the middle crust in southern Tibet from structural and kinematic studies in the Lhagoi Kangri gneiss dome
Timothy F. Dienesch, Micah J. Jessup, John M. Cottle, and Lingsen Zeng | 564 | Ediacaran-Cambrian paleogeography of Baltica: A paleomagnetic view from a diamond pit on the White Sea east coast
Natalia M. Fedorova, Mikhail L. Bazhenov, Joseph G. Meert, and Nikolay B. Kuznetsov |
| 505 | Can eustatic charts go beyond first order? Insights from the Permian-Triassic
B. Guillaume, S. Pochat, J. Monteux, L. Husson, and G. Choblet | 574 | High-pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet
Andrew K. Laskowski, Paul Kapp, Jeff D. Vervoort, and Lin Ding |
| | | 582 | Statement of Ownership |

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COVER: Red sunrise at the 2015 winter solstice over the terraced travertine pools and sulfurous thermal waterfalls of Saturnia, southern Tuscany, Italy. Mist is due to degassing from the thermal waters (37.5 °C). This site hosts the most recent mineralizing hydrothermal springs of the Albegna basin, where numerous fossil thermogene travertine deposits together with this active one are the evidence for the spatio-temporal evolution of a Quaternary hydrothermal system controlled by interactions and feedbacks between extensional tectonics, climate oscillations, and positive geothermal anomaly. See Vignaroli, G., Berardi, G., Billi, A., Kele, S., Rossetti, F., Soligo, M., and Bernasconi, S.M., 2016, Tectonics, hydrothermalism, and paleoclimate recorded by Quaternary travertines and their spatio-temporal distribution in the Albegna basin, central Italy: Insights on Tyrrhenian margin neotectonics: *Lithosphere*, v. 8, p. 335–358, doi:10.1130/L507.1.

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