
RESEARCH ARTICLES

SPACE PHYSICS

- 1 *XiongDong Yu, ZhiGang Yuan, ShiYong Huang, Fei Yao, Zheng Qiao, John R. Wygant, and Herbert O. Funsten*
Excitation of extremely low-frequency chorus emissions: The role of background plasma density
(doi: 10.26464/epp2019001)
- 8 *JianYong Lu, HanXiao Zhang, Ming Wang, ChunLi Gu, and HaiYan Guan*
Magnetosphere response to the IMF turning from north to south (doi: 10.26464/epp2019002)
- 17 *BoJing Zhu, Hui Yan, David A Yuen, and YaoLin Shi*
Electron acceleration in interaction of magnetic islands in large temporal-spatial turbulent
magnetic reconnection (doi: 10.26464/epp2019003)

SOLID EARTH

- 26 *Fidèle Koumetio, Donatien Njomo, Constant Tatchum Noutchogwe, Eric Ndoh Ndikum, Séverin Nguiya, and Alain-Pierre Kamga Tokam*
Choice of suitable regional and residual gravity maps, the case of the South-West Cameroon zone
(doi: 10.26464/epp2019004)
- 33 *Kokea Ariane Darolle Fofie, Fidèle Koumetio, Jean Victor Kenfack, and David Yemele*
Lineament characteristics using gravity data in the Garoua Zone, North Cameroon: Natural risks
implications (doi: 10.26464/epp2019009)

Section on Tibetan Plateau

RESEARCH ARTICLES

SOLID EARTH

- 45 *KeLiang Zhang, ShiMing Liang, and WeiJun Gan*
Crustal strain rates of southeastern Tibetan Plateau derived from GPS measurements and
implications to lithospheric deformation of the Shan-Thai terrane (doi: 10.26464/epp2019005)
- 53 *HongLin Jin, Yuan Gao, XiaoNing Su, and GuangYu Fu*
Contemporary crustal tectonic movement in the southern Sichuan-Yunnan block based on dense
GPS observation data (doi: 10.26464/epp2019006)
- 62 *Yu Zou, XiaoBo Tian, YouQiang Yu, Fa-Bin Pan, LingLing Wang, and XiaoBo He*
Seismic evidence for the existence of an entrained mantle flow coupling the northward
advancing Indian plate under Tibet (doi: 10.26464/epp2019007)
- 69 *ZiQi Zhang, and Yuan Gao*
Crustal thicknesses and Poisson's ratios beneath the Chuxiong-Simao Basin in the Southeast
Margin of the Tibetan Plateau (doi: 10.26464/epp2019008)

COVER

In Zhang Z. Q. et al. (10.26464/epp2019008), overall distribution of Poisson's ratio in the study area from H - κ stacking. The shadow area indicates Chuxiong-Simao Basin, HHF and XJF indicate the Red River Fault and Xiaojiang Fault, respectively. Poisson's ratios distribute unevenly in the study area, with a general characteristic decrease from north to south, which is positively correlated to the variation of crustal thickness. See pp. 69-84.