

## 2016 年 SCI 论文

### 第一作者

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1	Early Carboniferous paleomagnetic results from the northeastern margin of the Qinghai-Tibetan plateau and their implications	Gondwana Research	Wang Bin, Zhang Guowei, Li Sanzhong, Yang Zhenyu, Andrew P. Roberts, Zhao Qian, Wang Zhiyao	2016, 36: 57-64
2	Tectono-magmatic evolution of the Gaoligong belt, southeastern margin of the Tibetan plateau: Constraints from granitic gneisses and granitoid intrusions	Gondwana Research	Zhao Shaowei, Lai Shaocong, Qin Jiangfeng, Zhu Renzhi	2016, 35: 238-256
3	Divergent evolution of medusozoan symmetric patterns: Evidence from the microanatomy of Cambrian tetramerous cubozoans from South China	Gondwana Research	Han Jian, Shin Kubota, Li Guoxiang, Ou Qiang, Wang Xing, Yao Xiaoyong, Shu Degan, Li Yong, Kentaro Uesugi, Masato Hoshino, Osamu Sasaki, Harumasa Kano, Tomohiko Sato, Tsuyoshi Komiya	2016, 31: 150-163
4	Tectonic evolution of the Qinling orogen and adjacent orogenic belts	Gondwana Research	Dong Yunpeng, Safonova Inna, Wang Tao	2016, 30: 1-5
5	Neoproterozoic magmatic events in the South Qinling Belt, China: Implications for amalgamation and breakup of the Rodinia supercontinent	Gondwana Research	Zhang Ruiying, Sun Yong, Zhang Xu, Ao Wenhao, M. Santosh	2016, 30: 6-23
6	Multi-stage metamorphic evolution of retrograde eclogite with a granulite-facies overprint in the Zhaigen area of the North Qinling Belt, China	Gondwana Research	Liao Xiaoying, Liu Liang, Wang Yawei, Cao Yuting, Chen Danling, Dong Yunpeng	2016, 30: 79-96
7	Mesozoic intracontinental orogeny in the Qinling Mountains, central China	Gondwana Research	Dong Yunpeng, Yang Zhao, Liu Xiaoming, Sun Shengsi, Li Wei, Cheng Bin, Zhang Feifei, Zhang Xiaoning, He Dengfeng, Zhang Guowei	2016, 30: 144-158
8	Geology and geochemistry of the Triassic Wenquan Mo deposit and Mo-mineralized granite in the Western Qinling Orogen, China	Gondwana Research	Xiong Xiao, Zhu Laimin, Zhang Guowei, Li Ben, Qi Liang, David Stevenson, Yang Tao, Wang Fei, Zheng Jun, Jiang Hang, Guo Anlin	2016, 30: 159-178
9	Tectono-thermal events in East Kunlun, Northern Tibetan Plateau: Evidence from zircon U-Pb geochronology	Gondwana Research	He Dengfeng, Dong Yunpeng, Liu Xiaoming,	2016, 30: 179-190

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10	The Dunhuang block is a Paleozoic orogenic belt and part of the Central Asian Orogenic Belt (CAOB), NW China	Gondwana Research	Zhao Yan, Sun Yong, Diwu Chunrong, Guo Anlin, Ao Wenhao, Zhu Tao	2016, 30: 207-223
11	Tectonic architecture and multiple orogeny of the Qinling Orogenic Belt, Central China	Gondwana Research	Dong Yunpeng, M.Santosh	2016, 29: 1-40
12	Discovery of pelitic high-pressure granulite from Manjinggou of the Huai'an Complex, North China Craton: Metamorphic P-T evolution and geological implications	Precambrian Research	Wu Jialin, Zhang Huafeng, Zhai Mingguo, Guo Jinghui, Liu Liang, Yang Wenqiang, Wang Haozheng, Zhao Lei, Jia Xiaoliang, Wang Wei	2016, 278: 323-336
13	P-T-t evolution of pelitic gneiss from the basement underlying the Northwestern Ordos Basin, North China Craton, and the tectonic implications	Precambrian Research	Gou Longlong, Zhang Chengli, Michael Brownb, Philip M. Piccolib, Lin Hongbing, Wei Xinshan	2016, 276: 67-84
14	Detrital zircon U-Pb, Lu-Hf, and O isotopes of the Wufoshan Group: Implications for episodic crustal growth and reworking of the southern North China craton	Precambrian Research	Zhang Hongfu, Zhang Juan, Zhang Guowei, M. Santosha, Yu Hong, Yang Yueheng, Wang Jingli	2016, 273: 112-128
15	Early Paleozoic tectonic evolution of the North Qinling Orogenic Belt in Central China: Insights on continental deep subduction and multiphase exhumation	Earth-Science Reviews	Liu Liang, Liao Xiaoying, Wang Yawei, Wang Chao, M. Santoshb, Yang Min, Zhang Chengli, Chen Danling	2016, 159: 58-81
16	Heterogeneous Pb isotope composition in the Archean lower crust of the North China Craton induced by Cenozoic basaltic magma underplating	Journal of Asian Earth Sciences	Zhang Yulin, Zhang Hongfu, Bao Zhian, M. Santosh, Yuan Honglin	2016, 125: 71-86
17	Paleomagnetic study on the Triassic rocks from the Lhasa Terrane, Tibet, and its paleogeographic implications	Journal of Asian Earth Sciences	Zhou Yanan, Cheng Xin, Yu Lei, Yang Xingfeng, Su Hailun, Peng Ximing, Xue Yongkang, Li Yangyang, Ye Yakun, Zhang Jin, Li Yuyu, Wu Hanning	2016, 121: 108-119
18	Geochronology and petrogenesis of granitoids and associated mafic enclaves from Xiata in Chinese Southwest Tianshan: Implications for early Paleozoic tectonic evolution	Journal of Asian Earth Sciences	Gou Longlong, Zhang Lifei	2016, 115: 40-61

19	Geochemistry and zircon U-Pb geochronology of granitoids in the East Kunlun Orogenic Belt, northern Tibetan Plateau: origin and tectonic implications	Journal of Asian Earth Sciences	Zhou Bo, Dong Yunpeng, Zhang Feifei, Yang Zhao, Sun Shengsi, He Dengfeng	2016, 130: 265-281
20	The 1.0 Ga S-type granite in the East Kunlun Orogen, Northern Tibetan Plateau: Implications for the Meso- to Neoproterozoic tectonic evolution	Journal of Asian Earth Sciences	He Dengfeng, Dong Yunpeng, Zhang Feifei, Yang Zhao, Sun Shengsi, Cheng Bin, Zhou Bo, Liu Xiaoming	2016, 130: 46-59
21	Skeletal fossils and microfacies analysis of the lowermost Cambrian in the southwestern margin of the North China Platform	Journal of Asian Earth Sciences	Yun Hao, Zhang Xingliang, Li Luoyang, Zhang Meiqi, Liu Wei	2016, 129: 54-66
22	Petrogenesis of Eocene granitoids and microgranular enclaves in the western Tengchong Block: Constraints on eastward subduction of the Neo-Tethys	Lithos	Zhao Shaowei, Lai Shaocong, Qin Jiangfeng, Zhu Renzhi	2016, 264: 96-107
23	Complex metasomatism of lithospheric mantle by asthenosphere-derived melts: Evidence from peridotite xenoliths in Weichang at the northern margin of the North China Craton	Lithos	Zou Dongya, Zhang Hongfu, Hu Zhaochu, M. Santosh	2016, 264: 210-223
24	Phanerozoic orogeny triggers reactivation and exhumation in the northern part of the Archean–Paleoproterozoic North China Craton	Lithos	Zhang Hongfu, Zou Dongya, M. Santosh, Zhu Bin	2016, 261: 46-54
25	Relationships among volcanic and hydrothermal activity and faults from the Shunnan 3-D well zone in the Tadong Area (Tarim Basin, China)	Arabian Journal of Geosciences	Li Kunbai, Lv Haitao, Pu Renhai, Cao Zicheng	2016, 9(17): 692
26	Petrography and geochemistry of the Paleogene sandstones from the Ningnan Basin, NW China: implications for provenance, weathering and tectonic setting	Arabian Journal of Geosciences	Zhao Yan, Liu Chiyang, Zhang Dongdong, Deng Hui, Zhao Xiaochen	2016, 9(17): 683
27	Control of petroleum traps by Cenozoic tectonic style in the Liaodong Bay area, of the Bohai Bay basin, China	Arabian Journal of Geosciences	Sun Mengsi, Liu Chiyang, Chen Shuping, Feng Congjun, Huang Lei	2016, 9(5): 346
28	Geophysical monitoring technology for CO <sub>2</sub> sequestration	Applied Geophysics	Ma Jinfeng, Li Lin, Wang Haofan, Tan Mingyou, Cui Shiling, Zhang Yunyin, Qu Zhipeng, Jia Lingyun, Zhang Shuhai	2016, 13(2): 288-306

29	Gas and water distribution of Ordovician Majiagou Formation in northwest of Ordos Basin, NW China	Petroleum Exploration and Development	Yu Hongyan, Wei Li, Qin Xiaoyan, Wang Zhenliang, Cheng Hao, Wang Aiguo, Wang Dongxu, Feng Qianghan, Lan Yifei, Wang Yong	2016, 43(3): 435-442
30	Late Mesoarchean crust growth event: evidence from the ca. 2.8 Ga granodioritic gneisses of the Xiaoqinling area, southern North China Craton	Science Bulletin	Jia Xiaoliang, Zhu Xiyan, Zhai Mingguo, Zhao Yan, Zhang Hong, Wu Jialin, Liu Tao	2016, 61(12): 974-990
31	The earliest pelagic jellyfish with rhopalia from Cambrian Chengjiang Lagerstätte	Palaeogeography, Palaeoclimatology, Palaeoecology	Han Jian, Hu Shixue, Pauly Cartwright, Zhao Fangchen, Ou Qiang, Shin Kubota, Wang Xing, Yang Xiaoguang	2016, 449: 166-173
32	Depositional system and hydrocarbon accumulation in Gubei slope zone, Zhanhua Depression, Bohai Bay Basin, eastern China	Energy Exploration & Exploitation	Guo Ling, Jia Chaochao, Kurt O. Konhauser	2016, 34(6): 810-827
33	Stable carbon and oxygen isotopes of four planktonic foraminiferal species from core-top sediments of the Indonesian throughflow region and their significance	Acta Oceanologica Sinica	Zhang Peng, Zuraida Rina, Xu Jian, Yang Ce	2016, 35(10): 63-75
34	The Cambrian brachiopod fauna from the first-trilobite age Shuijingtuo Formation in the Three Gorges area of China	Palaeoworld	Zhang Zhifei, Zhang Zhiliang, Li Guoxiang, Lars E. Holmerca	2016, 25(3): 333-355
35	A comparison of zircon U-Pb age results of the Red Clay sequence on the central Chinese Loess Plateau	Scientific Reports	Gong Hujun, Nie Junsheng, Wang Zhao, Peng Wenbin, Zhang Rui, Zhang Yunxiang	2016, DOI:10.1038/srep29642
36	Early Jurassic monzogranite-tonalite association from the southern Zhangguangcai Range: Implications for paleo-Pacific plate subduction along northeastern China	Lithosphere	Qin Jiangfeng, Lai Shaocong, Li Yongfei, Ju Yinjuan, Zhu Renzhi, Zhao Shaowei	2016, 8(4): 396-411
37	Hydrocarbon accumulation in strike-slip fault restraining bends: New insights into the tectonic controls on the Penglai 19-3 and Penglai 25-6 oil fields, Tan-Lu fault zone, east China	AAPG Bulletin	Huang Lei, Liu Chiyang, Wang Yingbin, Xue Yongan, Zhao Junfeng	2016, 100(8): 1239-1263
38	Identification and calculation of transfer overpressure in the northern Qaidam Basin, northwest China	AAPG Bulletin	Fan Changyu, Wang Zhenliang, Wang Aiguo, Fu Suotang, Wang Liqun,	2016, 100(1): 23-39

			Zhang Yongshu, Kong Hongxi, Zhang Xiao	
39	Detrital zircon U–Pb ages of Paleozoic sedimentary rocks from the eastern Hexi Corridor Belt (NW China): Provenance and geodynamic implications	Sedimentary Geology	Zhao Xiaochen, Liu Chiyang, Wang Jianqiang, Zhao Yan, Wang Lei, Zhang Qihang	2016, 339: 32-45
40	Non-matrix-matched determination of lead isotope ratios in ancient bronze artifacts by femtosecond laser ablation multi-collector inductively coupled plasma mass spectrometry	International Journal of Mass Spectrometry	Bao Zhian, Yuan Wenting, Yuan Honglin, Liu Xu, Chen Kaiyun, Zong Chunlei	2016, 402: 12-19
41	Origins of Early Mesozoic granitoids and their enclaves from West Kunlun, NW China: implications for evolving magmatism related to closure of the Paleo-Tethys ocean	International Journal of Earth Sciences	Wang Chao, Liu Liang, Fawna Korhonen, Yang Wenqiang, Cao Yuting, He Shiping, Zhu Xiaohui, Liang Wentian	2016, 105(3): 941-964
42	Fossil Scapanulus oweni (Eulipotyphla, Mammalia) from the Shanyangzhai Cave, Middle Pleistocene, Qinhuangdao, China	Quaternary International	Li Yongxiang, Li Ji, Zhang Yunxiang	2016, 392: 197-202
43	New occurrence of Cambroclavus absonus from the lowermost Cambrian of North China and its stratigraphical importance	Alcheringa	Li Luoyang, Zhang Xingliang, Li Guoxiang, Yun Hao	2016, 40(1): 45-52
44	Morphology and development of the eodiscoid trilobite Tsunyidiscus yanjiazhaiensis from the Cambrian (Stage 3, Series 2) of South China	Journal of Systematic Palaeontology	Dai Tao, Zhang Xingliang, Peng Shanchi	2016, 14(1): 75-89
45	Flux-free fusion technique using a boron nitride vessel and rapid acid digestion for determination of trace elements by ICP-MS	Journal of Analytical Atomic Spectrometry	Bao Zhian, Zhang Hongfu, Yuan Honglin, Liu Ye, Chen Kaiyun, Zong Chunlei	2016, 31(11): 2261-2271
46	Fossil priapulid Ottoia from the Kaili biota (Cambrian Series 3) of South China	Journal of Systematic Palaeontology	Yang Yuning, Zhao Yuanlong, Zhang Xingliang	2016, 14(6): 527-543
47	Simultaneous Determination of Trace Elements and Lead Isotopes in Fused Silicate Rock Powders Using a Boron Nitride Vessel and fsLA- (MC)-ICP-MS	Journal of Analytical Atomic Spectrometry	Bao Zhian, Yuan Honglin, Zong Chunlei, Liu Ye, Chen Kaiyun, Zhang Yulin	2016, 31(4): 1012-1022
48	Mineralogy and Shale Gas Potential of Lower Silurian Organic-Rich Shale at the Southeastern Margin of SiChuan Basin, South China	Oil Shale	Guo Ling, Jiang Zaixing, Liang Chao	2016, 33(1): 1-17
49	Petrology and geochronology of ultrahigh-pressure granitic gneiss from	International Geology Review	Ren Yunfei, Chen Danling, Christoph Hauzenberger, Liu	2016, 58(2): 171-195

	South Dulan, North Qaidam belt, NW China		Liang, Liu Xiaoming, Zhu Xiaohui	
50	Seismic tomography and anisotropy of the Helan-Liupan tectonic belt: Insight into lower crustal flow and seismotectonics	Journal of Geophysical Research: Solid Earth	Cheng Bin, Zhao Dapeng, Cheng Shunyou, Ding Ziteng, Zhang Guowei	2016, 121(4): 2608-2635
51	Effects of olivine fabric, melt-rock reaction, and hydration on the seismic properties of peridotites: Insight from the Luobusha ophiolite in the Tibetan Plateau	Journal of Geophysical Research: Solid Earth	Sun Shengsi, Ji Shaocheng, Katsuyoshi Michibayashi, Matthew Salisbury	2016, 121(5): 3300-3323
52	Epithelial cell moulds preserved in the earliest acrotretid brachiopods from the Cambrian (Series 2) of the Three Gorges area, China	GFF	Zhang Zhiliang, Zhang Zhifei, Wang Haizhou	2016, 138(4): 455-466
53	A Constitutive Model of Granite Shear Creep under Moisture	Journal of Earth Science	Wang Xingang, Hu Bin, Tang Huming, Hu Xinli, Wang Jiading, Huang Lei	2016, 27(4): 677-685
54	Oxygen Requirements for the Cambrian Explosion	Journal of Earth Science	Zhang Xingliang, Cui Linhao	2016, 27(2): 187-195
55	Distinctive Scleritome with Marginal Tubercles of a New Palaeoscolecid Worm from the Shipai Fauna (Cambrian Epoch 2) at Three Gorges, South China	Acta Geologica Sinica(English Edition)	Yang Yuning, Zhang Xingliang	2016, 90(3): 807-817
56	Dimorphism of Bivalved Arthropod Branchiocaris? Yunnanensis from the Early Cambrian Chengjiang Biota, South China	Acta Geologica Sinica(English Edition)	Wu Yu, Fu Dongjing, Zhang Xingliang, Daley Allison C, Shu Degan	2016, 90(3): 818-826
57	Genesis of the Cenozoic Sodic Alkaline Basalt in the Xiahe-Tongren Area of the Northeastern Tibetan Plateau and its Continental Dynamic Implications	Acta Geologica Sinica(English Edition)	Lai Shaocong	2016, 90(3): 1047-1048
58	Tectonic Framework of Late Paleozoic Intrusions in Xingxingxia: Implications for Final Closure of South Tianshan Ocean in East Tianshan	Acta Geologica Sinica(English Edition)	Zhou Hai, Chen Liang, Sun Yong, Zhu Tao	2016, 90(2): 604-627
59	Internal Microanatomy and Zoological Affinity of the Early Cambrian Olivoooides	Acta Geologica Sinica(English Edition)	Han Jian, Li Guoxiang, Kubota Shin, Ou Qiang, Toshino Sho, Wang Xing, Yang Xiaoguang, Uesugi Kentaro, Masato Hoshino, Sasaki Osamu, Kano Harumasa, Sato Tomohiko, Komiya Tsuyoshi	2016, 90(1): 38-65

60	Original Sedimentary Pattern of an Inverted Basin: A Case Study from the Bozhong Depression, Offshore Bohai Bay Basin	Acta Geologica Sinica(English Edition)	Zhao Junfeng, Liu Chiyang, Huang Lei, Mountney Nigel, Han Shaojia, Liu Peng, Hu Junhao	2016, 90(6): 2163-2181
61	New Localities and Palaeoscolecid Worms from the Cambrian (Stage 4, Series 2) Guanshan Biota in Kunming, Yunnan, South China	Acta Geologica Sinica(English Edition)	Liu Jianni, Han Jian, Li Jinshu, Wu Yichen, Peng Jie, Qi Nan, Yang Yiyao, Li Juan	90(6):1939-1945
62	Geochemistry of lower Silurian shale of Longmaxi Formation, southeastern Sichuan Basin, China: Implications for provenance and source weathering	Journal of Central South University	Guo Ling, Jia Chaochao, Du Wei	2016, 23(3): 669-676
63	In situ Analysis of Mg Isotopic Compositions of Basalt Glasses by Femtosecond Laser Ablation Multi-collector Inductively Coupled Plasma Mass Spectrometry	Chinese Journal of Analytical Chemistry	Dai Mengning, Bao Zhian, Chen Kaiyun, Yuan Honglin	2016, 44(2): 173-178
64	Timing of uplift and evolution of the Lüliang Mountains, North China Craton	Science China Earth Sciences	Zhao Junfeng, Liu Chiyang, Nigel Mountney, Lu Jianjun, Cao Jilong, Yang Yao, Xue Rui	2016, 59(1): 58-69
65	New fossils of the Early Pleistocene Equus huanghoensis (Equidae, Perissodactyla) from Nihewan in Hebei Province of China	Science China Earth Sciences	Li Yongxiang, Zhang Yunxiang, Sun Boyang, Ao Hong, Xue Xiangxu	2016, 59(1): 83-94
66	Nanpoping fauna of the Lanzhou Basin and its environmental significance	Science China Earth Sciences	Li Zhichao, Li Yongxiang, Zhang Yunxiang, Li Wenhui, Xie Kun	2016, 59(6): 1258-1266
67	南北构造带北部香山地区中-新生代构造抬升事件	岩石学报	赵晓辰, 刘池洋, 王建强, 赵岩, 张东东, 王磊, 邓煜, 郭佩	2016, 32(7): 2124-2136
68	三塘湖盆地晚石炭世火山岩气孔和裂缝填充物特征及其成因研究	岩石学报	南云, 柳益群, 周鼎武, 周宁超, 焦鑫, 周鹏	2016, 32(6): 1901-1913
69	北秦岭二郎坪杂岩变沉积岩碎屑锆石年代学及其构造地质意义	岩石学报	杨敏, 刘良, 王亚伟, 廖小莹, 康磊, 盖永升	2016, 32(5): 1452-1466
70	秦岭杂岩清油河斜长角闪岩多期变质的证据——来自锆石微量元素和包裹体的启示	岩石学报	王亚伟, 刘良, 廖小莹, 盖永升, 杨文强, 康磊	2016, 32(5): 1467-1492
71	郯庐断裂带莱州湾段新生代活动演变及其沉积-改造效应	岩石学报	邓煜, 刘池洋, 王建强, 张东东	2016, 32(4): 1197-1205
72	Zircon U-Pb age, geochemical, and Sr-Nd-Hf isotopic constraints on the origin of Early Cretaceous mafic dykes from western Shandong Province, eastern	Acta Petrologica Sinica	Liu Shen, Feng Caixia, Zhai Mingguo, Hu Ruizhong, Lai Shaocong, Chen Junjin, Yan Jun	2016, 32(3): 629-645

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73	华北克拉通古老麻粒岩纪录的三期构造-岩浆事件	岩石学报	王景丽, 张宏福	2016, 32(3): 682-696
74	早古生代古亚洲洋俯冲记录: 来自东天山卡拉塔格高镁安山岩的年代学、地球化学证据	岩石学报	李玮, 陈隽璐, 董云鹏, 徐学义, 李智佩, 柳小明, 何登峰	2016, 32(2): 505-521
75	北秦岭西段三叠纪超镁铁岩-正长岩体的确定及其地质意义	岩石学报	宫相宽, 陈丹玲, 朱小辉, 董增产, 郭彩莲	2016, 32(1): 177-192

### 其他作者

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1	Detrital zircons from Neoproterozoic sedimentary rocks in the Yili Block: Constraints on the affinity of microcontinents in the southern Central Asian Orogenic Belt	Gondwana Research	Huang Zongying, Long Xiaoping, Yuan Chao, Sun Min, Wang Yujing, Zhang Yunying, Chen Bei	2016, 37: 39-52
2	Early to late Neoproterozoic magmatism and magma mixing-mingling in Sri Lanka: Implications for convergent margin processes during Gondwana assembly	Gondwana Research	He Xiaofang, M. Santosh, T. Tsunogae, Sanjeeva P.K. Malaviarachchi	2016, 32: 151-180
3	Early Paleozoic tectonic evolution of the North Qinling orogenic belt: Evidence from geochemistry, phase equilibrium modeling and geochronology of metamorphosed mafic rocks from the Songshugou ophiolite	Gondwana Research	Tang Li, M. Santosh, Dong Yunpeng, Toshiaki Tsunogae, Zhang Shouting, Cao Huawen	2016, 30: 48-64
4	Tectonic evolution of the North Qinling Orogen from subduction to collision and exhumation: Evidence from zircons in metamorphic rocks of the Qinling Group	Gondwana Research	Yu Hong, Zhang Hongfu, Li Xianhua, Zhang Juan, M. Santosh, Yang Yueheng, Zhou Dingwu	2016, 30: 65-78
5	Granulite facies metamorphism and crust melting in the Huai'an terrane at 1.95 Ga, North China Craton: New constraints from geology, zircon U-Pb, Lu-Hf isotope and metamorphic conditions of granulites	Precambrian Research	Wang Haozheng, Zhang Huafeng, Zhai Mingguo, Elson Paiva Oliveira, Ni Zhiyao, Zhao Lei, Wu Jialin, Cui Xiahong	2016, 286: 126-151
6	Melt-fluid infiltration in Archean suprasubduction zone mantle wedge: Evidence from geochemistry, zircon U-Pb geochronology and Lu-Hf isotopes from Wynad, southern India	Precambrian Research	Yang Qiongyan, M. Santosh, Sohini Ganguly, J. Arun-Gokul, S.G. Dhanil Dev, T. Tsunogae, E. Shaji, Dong Yunpeng, C. Manikyamba	2016, 281: 101-127



7	The extremely enriched mantle beneath the Yangtze Craton in the Neoproterozoic: Constraints from the Qichun pyroxenite	Precambrian Research	Zhang Shaobing, Zheng Yongfei, Zhao Zifu, Yuan Honglin	2016, 276: 194-210
8	Zircon U–Pb ages of Paleoproterozoic mafic granulites from the Huai’an terrane, North China Craton (NCC): Implications for timing of cratonization and crustal evolution history	Precambrian Research	Zhang Huafeng, Wang Haozheng, M. Santosh, Zhai Mingguo	2016, 272: 244-263
9	A highly redox-heterogeneous ocean in South China during the early Cambrian (~529–514Ma): Implications for biota-environment co-evolution	Earth and Planetary Science Letters	Jin Chengsheng, Li Chao, Thomas J.Algeoa, Noah J.Planavsky, Cui Hao, Yang Xinglian, Zhao Yuanlong, Zhang Xingliang, Xie Shucheng	2016, 441: 38-51
10	New magnetochronology of Late Miocene mammal fauna, NE Tibetan Plateau, China: Mammal migration and paleoenvironments	Earth and Planetary Science Letters	Ao Hong, Zhang Peng, MarkJ.Dekkers, AndrewP.Roberts, An Zhisheng, Li Yongxiang, Lu Fengyan, Lin Shan, Li Xingwen	2016, 434: 220-230
11	Geological Characteristics and Stability Evaluation of Wanjia Middle School Slope in Wenchuan Earthquake Area	Geotechnical and Geological Engineering	Hou Tianshun, Wang Xingang, Sibel Pamukcu	2016, 34(1): 237–249
12	A stable isotope doping method to test the range of applicability of detailed balance	Geochemical Perspectives Letters	Liu Z, J.D. Rimstidt, Zhang Y, Yuan H, Zhu C	2016, 2(1): 78-86
13	Measuring silicate mineral dissolution rates using Si isotope doping	Chemical Geology	Zhu Chen, Liu Zhaoyun, Zhang Yilun, Wang Chao, Augustus Scheafer, Lu Peng, Zhang Guanru, R. Bastian Georg, Yuan Honglin, J. Donald Rimstidt	2016, 445: 146-163
14	First-principles calculations of sulphur isotope fractionation in MX <sub>2</sub> minerals, with M = Fe, Co, Ni and X <sub>2</sub> =AsS, SbS	Chemical Geology	Liu Shanqi, Li Yongbing, Gong Hujun, Chen Caiyun, Liu Jianming, Shi Yaolin	2016, 441: 204-211
15	Middle Jurassic MORB-type gabbro, high-Mg diorite, calc-alkaline diorite and granodiorite in the Ando area, central Tibet: Evidence for a slab roll-back of the Bangong-Nujiang Ocean	Lithos	Yan Haoyu, Long Xiaoping, Wang Xuance, Li Jie, Wang Qiang, Yuan Chao, Sun Min	2016, 264: 315-328
16	Geochemistry and zircon geochronology of the Neoarchean volcano-sedimentary sequence along the northern margin of	Lithos	Vinod O. Samuel, M. Santosh, Yang Qiongyan, K. Sajeve a	2016, 263: 257-273

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17	Petrogenesis and geodynamic setting of Early Cretaceous mafic–ultramafic intrusions, South China: A case study from the Gan–Hang tectonic belt	Lithos	Qi Youqiang, Hu Ruizhong, Liu Shen, Ian M.Coulson, Qi Huawen, Tian Jianji, Zhu Jingjing	2016, 258-259: 149-162
18	Petrological constraints on evolution of continental lithospheric mantle beneath the northwestern Ethiopian plateau: Insight from mantle xenoliths from the Gundeweyn area, East Gojam, Ethiopia	Lithos	Melesse Alemayehu, Zhang Hongfu, Zhu Bin, Birhanu Fentie, Samuel Abraham, MuhammedHaji	2016, 240–243: 295–308
19	In-situ LA–ICP–MS trace elements analysis of magnetite: The Fenghuangshan Cu–Fe–Au deposit, Tongling, Eastern China	Ore Geology Reviews	Huang Xiaowen, Gao Jianfeng, Qi Liang, Meng Yumiao, Wang Yichang, Dai Zhihui	2016, 72: 746-759
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