

Lilin Du

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,150
citations

430874

18
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and reworking of the early Precambrian continental crust in the North China Craton: Constraints from zircon Hf isotopes. <i>Gondwana Research</i> , 2012, 21, 517-529.	6.0	362
2	SHRIMP U-Pb zircon geochronology and geochemistry of metavolcanic and metasedimentary rocks in Northwestern Fujian, Cathaysia block, China: Tectonic implications and the need to redefine lithostratigraphic units. <i>Gondwana Research</i> , 2007, 12, 166-183.	6.0	314
3	Multistage late Neoproterozoic crustal evolution of the North China Craton, eastern Hebei. <i>Precambrian Research</i> , 2011, 189, 43-65.	2.7	253
4	Zircon ages and geochemistry of late Neoproterozoic syenogranites in the North China Craton: A review. <i>Precambrian Research</i> , 2012, 222-223, 265-289.	2.7	230
5	Evolution of the Yunkai Terrane, South China: Evidence from SHRIMP zircon U-Pb dating, geochemistry and Nd isotope. <i>Journal of Asian Earth Sciences</i> , 2010, 37, 140-153.	2.3	206
6	Early Neoproterozoic (~2.7 Ga) tectono-thermal events in the North China Craton: A synthesis. <i>Precambrian Research</i> , 2014, 247, 45-63.	2.7	158
7	Delineation of the ca. 2.7Ga TTG gneisses in the Zanhuang Complex, North China Craton and its geological implications. <i>Journal of Asian Earth Sciences</i> , 2013, 72, 178-189.	2.3	80
8	Paleoproterozoic rifting of the North China Craton: Geochemical and zircon Hf isotopic evidence from the 2137Ma Huangjinshan A-type granite porphyry in the Wutai area. <i>Journal of Asian Earth Sciences</i> , 2013, 72, 190-202.	2.3	80
9	The age of the base of the paleoproterozoic Hutuo Group in the Wutai Mountains area, North China Craton: SHRIMP zircon U-Pb dating of basaltic andesite. <i>Science Bulletin</i> , 2010, 55, 1782-1789.	1.7	76
10	Geochemistry of ~2.7Ga basalts from Taishan area: Constraints on the evolution of early Neoproterozoic granite-greenstone belt in western Shandong Province, China. <i>Precambrian Research</i> , 2013, 224, 94-109.	2.7	59
11	Late Neoproterozoic magmatic and subsequent metamorphic events in the northern North China Craton: SHRIMP zircon dating and Hf isotopes of Archean rocks from Yunmengshan Geopark, Miyun, Beijing. <i>Gondwana Research</i> , 2012, 21, 785-800.	6.0	49
12	2090-2070Ma A-type granitoids in Zanhuang Complex: Further evidence on a Paleoproterozoic rift-related tectonic regime in the Trans-North China Orogen. <i>Lithos</i> , 2016, 254-255, 18-35.	1.4	48
13	Formation ages and source regions of the Palaeoproterozoic Gaofan, Hutuo and Dongjiao groups in the Wutai and Dongjiao areas of the North China Craton from SHRIMP U-Pb dating of detrital zircons: Resolution of debates over their stratigraphic relationships. <i>Science Bulletin</i> , 2010, 55, 1278-1284.	1.7	39
14	Crustal reworking in the North China Craton at ~2.5Ga: evidence from zircon U-Pb age, Hf isotope and whole rock geochemistry of the felsic volcanic-sedimentary rocks from the western Shandong Province. <i>Geological Journal</i> , 2013, 48, 406-428.	1.3	37
15	Formation age and tectonic environment of the Gantaohu Group, North China Craton: Geology, geochemistry, SHRIMP zircon geochronology and Hf-Nd isotopic systematics. <i>Science Bulletin</i> , 2012, 57, 4735-4745.	1.7	34
16	SHRIMP data on zircons from the Wanzi series: Constraints on the rock formation time and implications of migmatization at 2.1-2.0Ga in the Fuping Complex, North China Craton. <i>Journal of Asian Earth Sciences</i> , 2013, 72, 203-215.	2.3	29
17	Age and depositional setting of the Paleoproterozoic Gantaohu Group in Zanhuang Complex: Constraints from zircon U-Pb ages and Hf isotopes of sandstones and dacite. <i>Precambrian Research</i> , 2016, 286, 59-100.	2.7	23
18	Zircon U-Pb ages and Lu-Hf isotope compositions from clastic rocks in the Hutuo Group: Further constraints on Paleoproterozoic tectonic evolution of the Trans-North China Orogen. <i>Precambrian Research</i> , 2017, 303, 291-314.	2.7	21

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19	Petrogenesis and tectonic implications of the iron-rich tholeiitic basalts in the Hutuo Group of the Wutai Mountains, Central Trans-North China Orogen. <i>Precambrian Research</i> , 2015, 271, 225-242.	2.7	17
20	Petrogenesis and tectonic implications of the 2.1–2.0 Ga granitoids in Fuping Complex, North China Craton: Constraints from petrology, geochemistry and zircon U-Pb-Hf isotopes. <i>Precambrian Research</i> , 2020, 339, 105611.	2.7	13
21	Provenance of the Paleoproterozoic Hutuo Group basal conglomerates and Neoproterozoic crustal growth in the Wutai Mountains, North China Craton: Evidence from granite and quartzite pebble zircon U-Pb ages and Hf isotopes. <i>Science China Earth Sciences</i> , 2012, 55, 1796-1814.	5.2	11
22	Petrogenesis of the 2.3 Ga Lengkou metavolcanic rocks in the North China Craton: Implications for tectonic settings during the magmatic quiescence. <i>Precambrian Research</i> , 2021, 357, 106151.	2.7	11