

Peng Wang

List of Publications by Year in descending order

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25
papers

9,599
citations

331670

21
h-index

580821

25
g-index

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all docs

25
docs citations

25
times ranked

2362
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Archean to Paleoproterozoic evolution of the North China Craton: key issues revisited. <i>Precambrian Research</i> , 2005, 136, 177-202.	2.7	2,147
2	Archean blocks and their boundaries in the North China Craton: lithological, geochemical, structural and P-T path constraints and tectonic evolution. <i>Precambrian Research</i> , 2001, 107, 45-73.	2.7	1,657
3	Review of global 2.1-1.8 Ga orogens: implications for a pre-Rodinia supercontinent. <i>Earth-Science Reviews</i> , 2002, 59, 125-162.	9.1	1,388
4	Lithotectonic elements of Precambrian basement in the North China Craton: Review and tectonic implications. <i>Gondwana Research</i> , 2013, 23, 1207-1240.	6.0	886
5	Amalgamation of the North China Craton: Key issues and discussion. <i>Precambrian Research</i> , 2012, 222-223, 55-76.	2.7	806
6	SHRIMP U-Pb zircon geochronology of the Liaoji granitoids: Constraints on the evolution of the Paleoproterozoic Jiao-Liao-Ji belt in the Eastern Block of the North China Craton. <i>Precambrian Research</i> , 2007, 158, 1-16.	2.7	435
7	SHRIMP U-Pb zircon ages of granitoid rocks in the Liang Complex: Implications for the accretion and evolution of the Trans-North China Orogen. <i>Precambrian Research</i> , 2008, 160, 213-226.	2.7	339
8	Deformation history of the Hengshan Complex: Implications for the tectonic evolution of the Trans-North China Orogen. <i>Journal of Structural Geology</i> , 2007, 29, 933-949.	2.3	231
9	Polyphase deformation of the Fuping Complex, Trans-North China Orogen: Structures, SHRIMP U-Pb zircon ages and tectonic implications. <i>Journal of Structural Geology</i> , 2009, 31, 177-193.	2.3	231
10	Lithotectonic elements and geological events in the Hengshan-Wutai-Fuping belt: a synthesis and implications for the evolution of the Trans-North China Orogen. <i>Geological Magazine</i> , 2007, 144, 753-775.	1.5	209
11	Deformation history of the Hengshan-Wutai-Fuping Complexes: Implications for the evolution of the Trans-North China Orogen. <i>Gondwana Research</i> , 2010, 18, 611-631.	6.0	189
12	U-Pb and Hf isotopic study of detrital zircons from the Hutuo group in the Trans-North China Orogen and tectonic implications. <i>Gondwana Research</i> , 2011, 20, 106-121.	6.0	142
13	Structural pattern of the Wutai Complex and its constraints on the tectonic framework of the Trans-North China Orogen. <i>Precambrian Research</i> , 2012, 222-223, 212-229.	2.7	142
14	Major tectonic units of the North China Craton and their Paleoproterozoic assembly. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 23.	0.9	133
15	U-Pb and Hf isotopic study of detrital zircons from the Liang khondalite, North China Craton, and their tectonic implications. <i>Geological Magazine</i> , 2009, 146, 701-716.	1.5	124
16	U-Pb and Hf isotopic study of detrital zircons from the Yejishan Group of the Liang Complex: Constraints on the timing of collision between the Eastern and Western Blocks, North China Craton. <i>Sedimentary Geology</i> , 2011, 236, 129-140.	2.1	124
17	Zircons U-Pb and Lu-Hf isotopic and whole-rock geochemical constraints on the Gantaohe Group in the Zanhuang Complex: Implications for the tectonic evolution of the Trans-North China Orogen. <i>Lithos</i> , 2012, 146-147, 80-92.	1.4	99
18	Two styles of plate tectonics in Earth's history. <i>Science Bulletin</i> , 2020, 65, 329-334.	9.0	94

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19	Determining Precambrian crustal evolution in China: a case-study from Wutaishan, Shanxi Province, demonstrating the application of precise SHRIMP U-Pb geochronology. Geological Society Special Publication, 2004, 226, 5-25.	1.3	73
20	Geochronological and geochemical constraints on the L ₁ liang Group in the L ₁ liang Complex: Implications for the tectonic evolution of the Trans-North China Orogen. Lithos, 2014, 198-199, 298-315.	1.4	61
21	2.2Ga magnesian andesites, Nb-enriched basalt-andesites, and adakitic rocks in the L ₁ liang Complex: Evidence for early Paleoproterozoic subduction in the North China Craton. Lithos, 2014, 208-209, 104-117.	1.4	54
22	Zircon U-Pb and Lu-Hf isotopic and whole-rock geochemical constraints on the Lanhe and Heichashan Groups: Implications for the Paleoproterozoic tectonic basin evolution of the L ₁ liang Complex. Lithos, 2016, 262, 526-545.	1.4	19
23	Tectonic Switching of the Trans-North China Orogen in the Middle Paleoproterozoic: Insights From Mafic Magmatism in the L ₁ liang Complex. Tectonics, 2020, 39, e2020TC006253.	2.8	7
24	The timing of crustal thickening constrained by metamorphic zircon U-Pb-Hf and trace element signatures in the L ₁ liang Complex, Trans-North China orogen. Precambrian Research, 2021, 367, 106440.	2.7	6
25	Coexistence of A- and I-type granites in the L ₁ liang Complex: Tectonic implications for the middle Paleoproterozoic Trans-North China Orogen, North China Craton. Lithos, 2021, 380-381, 105875.	1.4	3