

Shuan-Hong Zhang

List of Publications by Year in descending order

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64
papers

4,251
citations

147801

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110387

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67
all docs

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docs citations

67
times ranked

2035
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal and spatial variations of Mesozoic magmatism and deformation in the North China Craton: Implications for lithospheric thinning and decratonization. <i>Earth-Science Reviews</i> , 2014, 131, 49-87.	9.1	352
2	Carboniferous granitic plutons from the northern margin of the North China block: implications for a late Palaeozoic active continental margin. <i>Journal of the Geological Society</i> , 2007, 164, 451-463.	2.1	290
3	Early Permian plutons from the northern North China Block: constraints on continental arc evolution and convergent margin magmatism related to the Central Asian Orogenic Belt. <i>International Journal of Earth Sciences</i> , 2009, 98, 1441-1467.	1.8	226
4	The 1.35Ga diabase sills from the northern North China Craton: Implications for breakup of the Columbia (Nuna) supercontinent. <i>Earth and Planetary Science Letters</i> , 2009, 288, 588-600.	4.4	222
5	Tectonic evolution of the northeastern Pamir: Constraints from the northern portion of the Cenozoic Kongur Shan extensional system, western China. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 953.	3.3	219
6	Late Paleozoic to Early Mesozoic mafic-ultramafic complexes from the northern North China Block: Constraints on the composition and evolution of the lithospheric mantle. <i>Lithos</i> , 2009, 110, 229-246.	1.4	198
7	Cenozoic evolution of the eastern Pamir: Implications for strain-accommodation mechanisms at the western end of the Himalayan-Tibetan orogen. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 882-896.	3.3	187
8	The 1.75-1.68Ga anorthosite-mangerite-alkali granitoid-rapakivi granite suite from the northern North China Craton: Magmatism related to a Paleoproterozoic orogen. <i>Precambrian Research</i> , 2007, 155, 287-312.	2.7	184
9	Late Jurassic-Early Cretaceous continental convergence and intracontinental orogenesis in East Asia: A synthesis of the Yanshan Revolution. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 750-770.	2.3	180
10	Origin and evolution of the Bainaimiao arc belt: Implications for crustal growth in the southern Central Asian orogenic belt. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 1275-1300.	3.3	171
11	Mid-Mesoproterozoic bimodal magmatic rocks in the northern North China Craton: Implications for magmatism related to breakup of the Columbia supercontinent. <i>Precambrian Research</i> , 2012, 222-223, 339-367.	2.7	154
12	The 1.33-1.30 Ga Yanliao large igneous province in the North China Craton: Implications for reconstruction of the Nuna (Columbia) supercontinent, and specifically with the North Australian Craton. <i>Earth and Planetary Science Letters</i> , 2017, 465, 112-125.	4.4	125
13	Early Mesozoic alkaline complexes in the northern North China Craton: Implications for cratonic lithospheric destruction. <i>Lithos</i> , 2012, 155, 1-18.	1.4	108
14	Hornblende thermobarometry of the Carboniferous granitoids from the Inner Mongolia Paleo-uplift: implications for the tectonic evolution of the northern margin of North China block. <i>Mineralogy and Petrology</i> , 2006, 87, 123-141.	1.1	107
15	Petrogenesis of the Middle Devonian Gushan diorite pluton on the northern margin of the North China block and its tectonic implications. <i>Geological Magazine</i> , 2007, 144, 553-568.	1.5	97
16	Zircon SHRIMP U-Pb and in-situ U-Hf isotope analyses of a tuff from Western Beijing: Evidence for missing Late Paleozoic arc volcano eruptions at the northern margin of the North China block. <i>Gondwana Research</i> , 2007, 12, 157-165.	6.0	97
17	Different sources involved in generation of continental arc volcanism: The Carboniferous-Permian volcanic rocks in the northern margin of the North China block. <i>Lithos</i> , 2016, 240-243, 382-401.	1.4	94
18	Early Neoproterozoic emplacement of the diabase sill swarms in the Liaodong Peninsula and pre-magmatic uplift of the southeastern North China Craton. <i>Precambrian Research</i> , 2016, 272, 203-225.	2.7	87

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19	Geochemistry and zircon U–Pb–Hf isotopes of the late Paleoproterozoic Jianping diorite–monzonite–syenite suite of the North China Craton: Implications for petrogenesis and geodynamic setting. <i>Lithos</i> , 2013, 162-163, 175-194.	1.4	86
20	SHRIMP U-Pb zircon dating of the Ordos Basin basement and its tectonic significance. <i>Science Bulletin</i> , 2013, 58, 118-127.	1.7	73
21	Late Paleoproterozoic geodynamics of the North China Craton: Geochemical and zircon U–Pb–Hf records from a volcanic suite in the Yanliao rift. <i>Gondwana Research</i> , 2015, 27, 300-325.	6.0	73
22	The Akato Tagh bend along the Altyn Tagh fault, northwest Tibet 1: Smoothing by vertical-axis rotation and the effect of topographic stresses on bend-flanking faults. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 1423-1442.	3.3	68
23	Neoproterozoic subduction-related metavolcanic and metasedimentary rocks from the Rey Bouba Greenstone Belt of north-central Cameroon in the Central African Fold Belt: New insights into a continental arc geodynamic setting. <i>Precambrian Research</i> , 2015, 261, 40-53.	2.7	64
24	Recognition of the latest Permian to Early Triassic Cu–Mo mineralization on the northern margin of the North China block and its geological significance. <i>Gondwana Research</i> , 2010, 17, 125-134.	6.0	62
25	A precise zircon Th-Pb age of carbonatite sills from the world’s largest Bayan Obo deposit: Implications for timing and genesis of REE-Nb mineralization. <i>Precambrian Research</i> , 2017, 291, 202-219.	2.7	57
26	Contrasting Late Carboniferous and Late Permian-Middle Triassic intrusive suites from the northern margin of the North China craton: Geochronology, petrogenesis, and tectonic implications. <i>Bulletin of the Geological Society of America</i> , 2006, preprint, 1.	3.3	56
27	1.23 Ga mafic dykes in the North China Craton and their implications for the reconstruction of the Columbia supercontinent. <i>Gondwana Research</i> , 2015, 27, 1407-1418.	6.0	55
28	Late Paleoproterozoic medium-P high grade metamorphism of basement rocks beneath the northern margin of the Ordos Basin, NW China: Petrology, phase equilibrium modelling and U–Pb geochronology. <i>Precambrian Research</i> , 2014, 251, 181-196.	2.7	54
29	A temporal and causal link between ca. 1380 Ma large igneous provinces and black shales: Implications for the Mesoproterozoic time scale and paleoenvironment. <i>Geology</i> , 2018, 46, 963-966.	4.4	41
30	U–Pb geochronology and geochemistry of the bedrocks and moraine sediments from the Windmill Islands: Implications for Proterozoic evolution of East Antarctica. <i>Precambrian Research</i> , 2012, 206-207, 52-71.	2.7	33
31	Cogenetic origin of mafic microgranular enclaves in calc-alkaline granitoids: The Permian plutons in the northern North China Block. , 2017, 13, 482-517.		30
32	Mid-crustal emplacement and deformation of plutons in an Andean-style continental arc along the northern margin of the North China Block and tectonic implications. <i>Tectonophysics</i> , 2013, 608, 176-195.	2.2	27
33	Petrogenesis of the Early Jurassic Nandaling flood basalts in the Yanshan belt, North China Craton: A correlation between magmatic underplating and lithospheric thinning. <i>Lithos</i> , 2007, 96, 543-566.	1.4	26
34	Origin of Late Palaeozoic bauxites in the North China Craton: constraints from zircon U–Pb geochronology and <i>in situ</i> Hf isotopes. <i>Journal of the Geological Society</i> , 2014, 171, 695-707.	2.1	26
35	Devonian alkaline magmatic belt along the northern margin of the North China Block: Petrogenesis and tectonic implications. <i>Lithos</i> , 2018, 302-303, 496-518.	1.4	24
36	Neoproterozoic massif-type anorthosites and related magmatic suites from the Eastern Ghats Belt, India: Implications for slab window magmatism at the terminal stage of collisional orogeny. <i>Precambrian Research</i> , 2014, 240, 60-78.	2.7	23

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37	New Paleomagnetic and $^{40}\text{Ar}/^{39}\text{Ar}$ Geochronological Results for the South Shetland Islands, West Antarctica, and Their Tectonic Implications. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4-30.	3.4	19
38	A template for an improved rock-based subdivision of the pre-Cryogenian timescale. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	18
39	First identification of baddeleyite related/linked to contact metamorphism from carbonatites in the world's largest REE deposit, Bayan Obo in North China Craton. <i>Lithos</i> , 2017, 284-285, 654-665.	1.4	17
40	Origin of two contrasting latest Permian–Triassic volcanic rock suites in the northern North China Craton: implications for early Mesozoic lithosphere thinning. <i>International Geology Review</i> , 2014, 56, 1630-1657.	2.1	15
41	Dating Jurassic volcanic rocks in the Western Hills of Beijing, North China: Implications for the initiation of the Yanshanian tectonism and subsequent thermal events. <i>Journal of Asian Earth Sciences</i> , 2018, 161, 164-177.	2.3	15
42	Comparisons of the Paleo-Mesoproterozoic large igneous provinces and black shales in the North China and North Australian cratons. <i>Fundamental Research</i> , 2022, 2, 84-100.	3.3	15
43	Late Mesozoic–early Cenozoic intermediate–acid intrusive rocks from the Gerlache Strait area, Antarctic Peninsula: Zircon U^{235}/Pb geochronology, petrogenesis and tectonic implications. <i>Lithos</i> , 2018, 312-313, 204-222.	1.4	13
44	Revisiting of the Yanshanian basins in western and northern Beijing, North China. <i>Journal of Asian Earth Sciences</i> , 2018, 163, 90-107.	2.3	10
45	New geochronological constraints on the Dahongkou Formation of the Luanchuan Group and its implications on the Neoproterozoic tectonic evolution of the southern margin of the North China Craton. <i>Acta Petrologica Sinica</i> , 2019, 35, 2503-2517.	0.8	10
46	Ages of Jurassic volcano-sedimentary strata in the Yanshan Fold-and-Thrust Belt and their implications for the coal-bearing strata of northern China. <i>International Geology Review</i> , 2019, 61, 956-971.	2.1	8
47	New paleomagnetic results from the ca. 1.68–1.63 Ga mafic dyke swarms in Western Shandong Province, Eastern China: Implications for the reconstruction of the Columbia supercontinent. <i>Precambrian Research</i> , 2020, 337, 105531.	2.7	8
48	Geochronology, geochemistry and petrogenesis of the Neoproterozoic magmatism in the Jiefangyingzi area, northern North China Craton: Implications for crustal growth and tectonic affinity. <i>Precambrian Research</i> , 2021, 357, 106144.	2.7	8
49	Magmatic Records of the Late Paleoproterozoic to Neoproterozoic Extensional and Rifting Events in the North China Craton: A Preliminary Review. <i>Springer Geology</i> , 2016, , 359-391.	0.3	7
50	Numerical Modeling of Deformation at the Baiyun Gold Deposit, Northeastern China: Insights into the Structural Controls on Mineralization. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 174-184.	3.2	7
51	Remagnetization of the Lower Ordovician Hongshiya Formation of the southwestern Yangtze Block. <i>Tectonophysics</i> , 2018, 738-739, 83-91.	2.2	5
52	Paleogeotherms of a Midcrustal to Upper-Crustal Profile Across the Northern North China Block: Implications for the Thermal Structure of Continental Arcs. <i>Tectonics</i> , 2019, 38, 706-721.	2.8	5
53	New Paleomagnetic Constraints on the Cretaceous Tectonic Framework of the Antarctic Peninsula. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022503.	3.4	5
54	Dyke swarms: keys to paleogeographic reconstructions. <i>Science Bulletin</i> , 2016, 61, 1669-1671.	9.0	4

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55	The Confirmation of the Neoproterozoic Langshan Group in Inner Mongolia and Its Significance. <i>Acta Geologica Sinica</i> , 2015, 89, 318-319.	1.4	3
56	Paleozoic to Early Mesozoic Tectonics of North China Craton. <i>Springer Geology</i> , 2016, , 453-466.	0.3	3
57	Devonian bimodal volcanic rocks from the northeastern margin of the North China Block: Implications for post-collisional extension and orogen-craton boundary. <i>Geological Journal</i> , 2020, 55, 6216-6234.	1.3	3
58	Ages of the Proterozoic strata in Fanhe Basin revisited: Implications for geological records of the Great Oxidation Event in the North China Craton. <i>Precambrian Research</i> , 2022, 368, 106466.	2.7	3
59	Genetic relations between enclaves and their host granitoids from Doumer Island, northern Antarctic Peninsula: Evidence from mineral chemistry, Sr-Nd and Li isotopes. <i>Lithos</i> , 2021, 398-399, 106235.	1.4	2
60	A ca. 1.33 Ga mafic dyke identified from the Liaodong Peninsula, northeastern North China Craton: Implications for eastward extension of the Yanliao large igneous province. <i>Precambrian Research</i> , 2022, 378, 106770.	2.7	2
61	Discovery of Contact Metamorphism-Related Baddeleyite from the Bayan Obo Deposit, Northern North China Craton. <i>Acta Geologica Sinica</i> , 2017, 91, 729-730.	1.4	1
62	Petrogenesis and metamorphic age of Palaeoproterozoic granitic gneisses in Liang area: Constraints from zircon and monazite U-Pb ages and Hf isotopes. <i>Acta Petrologica Sinica</i> , 2020, 36, 3631-3653.	0.8	1
63	Photograph of the month. <i>Journal of Structural Geology</i> , 2013, 49, 1-2.	2.3	0
64	U-Pb zircon geochronology of ferrodiorites and quartz diorites from the Turkel Anorthosite Complex: a Neoarchaean convergent margin in eastern India. <i>Geological Journal</i> , 2015, 50, 530-538.	1.3	0