Shuwen Liu

List of Publications by Year
in descending order

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60 papers	3,407 citations	136950 32 h-index	138484 58 g-index
62 all docs	62 docs citations	62 times ranked	936 citing authors

#	Article	IF	Citations
1	Featured Neoarchean granitoid association in the central North China Craton: An indicator of warm plate subduction. Bulletin of the Geological Society of America, 2023, 135, 295-309.	3.3	7
2	Archean crust-mantle geodynamic regimes: A review. Geosystems and Geoenvironment, 2022, 1, 100063.	3.2	6
3	Late Neoarchean geodynamic regime of the northeastern North China Craton: Constraints from metamorphosed volcanic rocks of the Anshan-Benxi greenstone belt. Precambrian Research, 2022, 371, 106583.	2.7	6
4	Neoarchean granitoids and tectonic regime of lateral growth in northeastern North China Craton. Gondwana Research, 2022, 107, 176-200.	6.0	9
5	Oxidation of Archean upper mantle caused by crustal recycling. Nature Communications, 2022, 13, .	12.8	16
6	Thermal state and evolving geodynamic regimes of the Meso- to Neoarchean North China Craton. Nature Communications, 2021, 12, 3888.	12.8	32
7	Neoarchean-early Paleoproterozoic granitoids, the geothermal gradient and geodynamic evolution in the Hengshan Terrane, North China Craton. Gondwana Research, 2021, 94, 143-163.	6.0	11
8	Two contrasting Neoarchean metavolcanic rock suites in eastern Hebei and their geodynamic implications for the northern North China Craton. Gondwana Research, 2021, 95, 45-71.	6.0	13
9	Neoarchaean subduction tectonics in Western Shandong Province, China: Evidence from geochemistry and zircon Uâ€“Pbâ€“Hf isotopes of metabasalts. Geological Journal, 2020, 55, 3575-3600.	1.3	2
10	Volcanic succession, petrology, and geochemistry of the Sujiagou komatiite from the North China Craton. Geological Journal, 2020, 55, 3265-3282.	1.3	3
11	Origin of late Neoarchean granitoid diversity in the Western Shandong province, North China Craton. Precambrian Research, 2020, 339, 105620.	2.7	14
12	Late Neoarchean volcanic rocks in the southern Liaoning Terrane and their tectonic implications for the formation of the eastern North China Craton. Geoscience Frontiers, 2020, 11, 1053-1068.	8.4	10
13	Quantitatively Tracking the Elevation of the Tibetan Plateau Since the Cretaceous: Insights From Wholeâ€Rock Sr/Y and La/Yb Ratios. Geophysical Research Letters, 2020, 47, e2020GL089202.	4.0	57
14	Diversity of late Neoarchean K-rich granitoid rocks derived from subduction-related crust/mantle interactions in the Jiaobei terrane, North China Craton. Gondwana Research, 2020, 85, 84-102.	6.0	10
15	Crust-mantle geodynamic origin of ~2.7ÂGa granitoid diversification in the Jiaobei terrane, North China Craton. Precambrian Research, 2020, 346, 105821.	2.7	11
16	Complex Neoarchean mantle metasomatism: Evidence from sanukitoid diorites-monzodiorites-granodiorites in the northeastern North China Craton. Precambrian Research, 2020, 342, 105692.	2.7	27
17	Diverse middle Neoarchean granitoids and the delamination of thickened crust in the Western Shandong Terrane, North China Craton. Lithos, 2019, 348-349, 105178.	1.4	15
18	Petrogenesis of the Neoarchean granitoids and crustal oxidation states in the Western Shandong Province, North China Craton. Precambrian Research, 2019, 334, 105446.	2.7	7

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19	A Neoarchean K-rich granitoid belt in the northern North China Craton. Precambrian Research, 2019, 328, 193-216.	2.7	39
20	A Ca. 2.8â€Ga Plumeâ€Induced Intraoceanic Arc System in the Eastern North China Craton. Tectonics, 2019, 38, 1694-1717.	2.8	42
21	Thickness and geothermal gradient of Neoarchean continental crust: Inference from the southeastern North China Craton. Gondwana Research, 2019, 73, 16-31.	6.0	26
22	Neoarchean crust-mantle interactions in the Yishui Terrane, south-eastern margin of the North China Craton: Constraints from geochemistry and zircon U-Pb-Hf isotopes of metavolcanic rocks and high-K granitoids. Gondwana Research, 2019, 65, 97-124.	6.0	37
23	Interaction Among Magmas from Various Sources and Crustal Melting Processes During Continental Collision: Insights from the Huayang Intrusive Complex of the South Qinling Belt, China. Journal of Petrology, 2018, 59, 735-770.	2.8	18
24	Geochemistry and petrogenesis of the early Palaeozoic appinite-granite complex in the Western Kunlun Orogenic Belt, NW China: implications for Palaeozoic tectonic evolution. Geological Magazine, 2018, 155, 1641-1666.	1.5	15
25	Petrogenesis of late Neoarchean high-K granitoids in the Western Shandong terrane, North China Craton, and their implications for crust-mantle interactions. Precambrian Research, 2018, 315, 138-161.	2.7	43
26	A Neoarchean subduction recorded by the Eastern Hebei Precambrian basement, North China Craton: Geochemical fingerprints from metavolcanic rocks of the Saheqiao-Shangying-Qinglong supracrustal belt. Journal of Asian Earth Sciences, 2017, 135, 347-369.	2.3	28
27	A reworked â^¼3.45 Ga continental microblock of the North China Craton: Constraints from zircon U-Pb-Lu-Hf isotopic systematics of the Archean Beitai-Waitoushan migmatite-syenogranite complex. Precambrian Research, 2017, 303, 332-354.	2.7	57
28	Late Neoarchean monzograniticâ€“syenogranitic gneisses in the Eastern Hebeiâ€“Western Liaoning Province, North China Craton: Petrogenesis and implications for tectonic setting. Precambrian Research, 2017, 303, 392-413.	2.7	46
29	Late Neoarchean crust-mantle geodynamics: Evidence from Pingquan Complex of the Northern Hebei Province, North China Craton. Precambrian Research, 2017, 303, 470-493.	2.7	40
30	Arc-generated metavolcanic rocks in the Anshanâ€“Benxi greenstone belt, North China Craton: Constraints from geochemistry and zircon Uâ€“Pbâ€“Hf isotopic systematics. Precambrian Research, 2017, 303, 228-250.	2.7	37
31	Neoarchean DTTG gneisses in southern Liaoning Province and their constraints on crustal growth and the nature of the Liao-Ji Belt in the Eastern Block. Precambrian Research, 2017, 303, 183-207.	2.7	41
32	Cyclic formation and stabilization of Archean lithosphere by accretionary orogenesis: Constraints from TTG and potassic granitoids, North China Craton. Tectonics, 2017, 36, 1724-1742.	2.8	51
33	Quantifying Crustal Thickness in Continental Collisional Belts: Global Perspective and a Geologic Application. Scientific Reports, 2017, 7, 7058.	3.3	104
34	Late Neoarchean subduction-related crustal growth in the Northern Liaoning region of the North China Craton: Evidence from â^¼2.55 to 2.50 Ga granitoid gneisses. Precambrian Research, 2016, 281, 200-223.	2.7	102
35	Petrogenesis of taxitic dioriticâ€“tonalitic gneisses and Neoarchean crustal growth in Eastern Hebei, North China Craton. Precambrian Research, 2016, 284, 64-87.	2.7	47
36	Petrogenesis and tectonic implications of the Neoarchean North Liaoning tonalitic-trondhjemitic gneisses of the North China Craton, North China. Journal of Asian Earth Sciences, 2016, 131, 12-39.	2.3	43

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37	A Neoarchean arcâ€“back-arc system in Eastern Hebei, North China Craton: Constraints from zircon Uâ€“Pbâ€“Hf isotopes and geochemistry of dioriticâ€“tonaliticâ€“trondhjemiticâ€“granodioritic (DTTG) gneisses and felsic paragneisses. Precambrian Research, 2016, 273, 90-111.	2.7	79
38	Zircon Uâ€“Pbâ€“Hf isotopes and geochemistry of two contrasting Neoarchean charnockitic rock series in Eastern Hebei, North China Craton: Implications for petrogenesis and tectonic setting. Precambrian Research, 2015, 267, 72-93.	2.7	77
39	Neoarchean subduction: A case study of arc volcanic rocks in Qinglong-Zhuzhangzi area of the Eastern Hebei Province, North China Craton. Precambrian Research, 2015, 264, 36-62.	2.7	95
40	Neoarchean intra-oceanic arc system in the Western Liaoning Province: Implications for Early Precambrian crustal evolution in the Eastern Block of the North China Craton. Earth-Science Reviews, 2015, 150, 329-364.	9.1	162
41	Geochemistry and Zircon Uâ€“Pbâ€“Hf Isotopic Systematics of the Sanchahe Quartz Monzonite Intrusion in the North Qinling Tectonic Zone, Central China: Implications for its Petrogenesis and Tectonic Setting. Acta Geologica Sinica, 2014, 88, 154-175.	1.4	8
42	Chronology and petrogenesis of the Hejiazhuang granitoid pluton and its constraints on the Early Triassic tectonic evolution of the South Qinling Belt. Science China Earth Sciences, 2014, 57, 232-246.	5.2	27
43	Zircon Uâ€“Pbâ€“Hf isotopes and geochemistry of Neoarchean dioriticâ€“trondhjemitic gneisses, Eastern Hebei, North China Craton: Constraints on petrogenesis and tectonic implications. Precambrian Research, 2014, 251, 1-20.	2.7	92
44	Geochemistry, zircon Uâ€“Pb geochronology and Luâ€“Hf isotopes of metavolcanics from eastern Hebei reveal Neoarchean subduction tectonics in the North China Craton. Gondwana Research, 2013, 24, 664-686.	6.0	142
45	Zircon Uâ€“Pbâ€“Hf isotopes and whole-rock geochemistry of granitoid gneisses in the Jianping gneissic terrane, Western Liaoning Province: Constraints on the Neoarchean crustal evolution of the North China Craton. Precambrian Research, 2013, 224, 184-221.	2.7	120
46	Structural pattern of the Wutai Complex and its constraints on the tectonic framework of the Trans-North China Orogen. Precambrian Research, 2012, 222-223, 212-229.	2.7	142
47	Geochemistry and Uâ€“Pb zircon ages of metamorphic volcanic rocks of the Paleoproterozoic LÃ¼liang Complex and constraints on the evolution of the Trans-North China Orogen, North China Craton. Precambrian Research, 2012, 222-223, 173-190.	2.7	201
48	Petrogenesis of Indosinian Granitoids in Middleâ€Segment of South Qinling Tectonic Belt: Constraints from Srâ€Nd Isotopic Systematics. Acta Geologica Sinica, 2011, 85, 610-628.	1.4	39
49	Late Jurassic Cuâ€Mo Mineralization at the Zhashuiâ€Shanyang District, South Qinling, China: Constraints from Reâ€Os Molybdenite and Laser Ablationâ€Inductively Coupled Plasma Mass Spectrometry Uâ€Pb Zircon Dating. Acta Geologica Sinica, 2011, 85, 661-672.	1.4	13
50	Reâ€“Os and Uâ€“Pb Geochronology of the Erlihe Pbâ€“Zn Deposit, Qinling Orogenic Belt, Central China, and Constraints on Its Deposit Genesis. Acta Geologica Sinica, 2011, 85, 673-682.	1.4	32
51	Zircon Uâ€“Pb chronology of the Jianping Complex: Implications for the Precambrian crustal evolution history of the northern margin of North China Craton. Gondwana Research, 2011, 20, 48-63.	6.0	226
52	Contrasting provenance of Late Archean metasedimentary rocks from the Wutai Complex, North China Craton: detrital zircon Uâ€“Pb, whole-rock Smâ€“Nd isotopic, and geochemical data. International Journal of Earth Sciences, 2008, 97, 443-458.	1.8	36
53	Geochemical constraints on the petrogenesis of the Proterozoic granitoid gneisses from the eastern segment of the Central Tianshan Tectonic Zone, northwestern China. Geological Magazine, 2007, 144, 305-317.	1.5	33
54	Mineral chemistry, P-T-t paths and exhumation processes of mafic granulites in Dinggye, Southern Tibet. Science in China Series D: Earth Sciences, 2005, 48, 1870-1881.	0.9	18

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55	Geochemical characteristics of the metapelites from the Xingxingxia group in the Eastern Segment of the Central Tianshan: Implications for the provenance and paleoweathering. Science in China Series D: Earth Sciences, 2005, 48, 1637-1648.	0.9	6
56	Geochemistry of the paleoproterozonic Nanying granitic gneisses in the Fuping complex: implications for the tectonic evolution of the Central Zone, North China Craton. Journal of Asian Earth Sciences, 2005, 24, 643-658.	2.3	182
57	Nature of the Precambrian metamorphic blocks in the eastern segment of Central Tianshan: Constraint from geochronology and Nd isotopic geochemistry. Science in China Series D: Earth Sciences, 2004, 47, 1085-1094.	0.9	86
58	Archean geodynamics in the Central Zone, North China Craton: constraints from geochemistry of two contrasting series of granitoids in the Fuping and Wutai complexes. Precambrian Research, 2004, 130, 229-249.	2.7	279
59	Nd isotopic characteristics of Proterozoic metasedimentary rocks and constraints on their provenance in the eastern segment of Central Tianshan Belt, Xinjiang*. Progress in Natural Science: Materials International, 2003, 13, 908-913.	4.4	9
60	Geological and isotopic geochemical constraints on the evolution of the Fuping Complex, North China Craton. Precambrian Research, 2002, 117, 41-56.	2.7	231