Wei Wang

List of Publications by Year in descending order

59 papers	4,269 citations	94381 37 h-index	149623 56 g-index
60 all docs	60 docs citations	60 times ranked	1145 citing authors

#	Article	IF	Citations
1	â^¼2.7Ga juvenile crust formation in the North China Craton (Taishan-Xintai area, western Shandong) Tj ETQq1 1 0.784314 rgBT /Ov zircon. Precambrian Research, 2011, 186, 169-180.	1.2	295
2	Multistage late Neoarchaean crustal evolution of the North China Craton, eastern Hebei. Precambrian Research, 2011, 189, 43-65.	1.2	253
3	OIB-like, heterogeneous mantle sources of Permian basaltic magmatism in the western Tarim Basin, NW China: Implications for a possible Permian large igneous province. Lithos, 2009, 113, 583-594.	0.6	249
4	Zircon ages and geochemistry of late Neoarchean syenogranites in the North China Craton: A review. Precambrian Research, 2012, 222-223, 265-289.	1.2	230
5	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.	3.0	226
6	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.	1.2	201
7	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.	4.0	162
8	Geochemistry and zircon Uâ€“Pbâ€“Hf isotopic systematics of the Neoarchean Yixianâ€“Fuxin greenstone belt, northern margin of the North China Craton: Implications for petrogenesis and tectonic setting. Gondwana Research, 2011, 20, 64-81.	3.0	142
9	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.	3.0	142
10	Petrogenesis and geochronology of Precambrian granitoid gneisses in Western Liaoning Province: Constraints on Neoarchean to early Paleoproterozoic crustal evolution of the North China Craton. Precambrian Research, 2012, 222-223, 290-311.	1.2	125
11	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.	1.2	120
12	Deconstructing South China and consequences for reconstructing Nuna and Rodinia. Earth-Science Reviews, 2020, 204, 103169.	4.0	115
13	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.	1.2	102
14	Neoarchean continental growth through arc magmatism in the Nilgiri Block, southern India. Precambrian Research, 2014, 245, 146-173.	1.2	98
15	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.	1.2	95
16	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.	1.2	92
17	Geochemistry and zircon Uâ€“Pbâ€“Hf isotopes of the late Paleoproterozoic Jianping dioriteâ€“monzoniteâ€“syenite suite of the North China Craton: Implications for petrogenesis and geodynamic setting. Lithos, 2013, 162-163, 175-194.	0.6	86
18	Chronology, petrogenesis and tectonic setting of the Neoproterozoic Tongchang dioritic pluton at the northwestern margin of the Yangtze Block: Constraints from geochemistry and zircon Uâ€“Pbâ€“Hf isotopic systematics. Gondwana Research, 2012, 22, 699-716.	3.0	81

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19	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.	1.2	79
20	Redefinition of depositional ages of Neoarchean supracrustal rocks in western Shandong Province, China: SHRIMP Uâ€“Pb zircon dating. Gondwana Research, 2012, 21, 768-784.	3.0	78
21	â¼2.7-Ga Crustal Growth in the North China Craton: Evidence from Zircon U-Pb Ages and Hf Isotopes of the Sushui Complex in the Zhongtiao Terrane. Journal of Geology, 2013, 121, 239-254.	0.7	77
22	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.	1.2	77
23	Late Paleoproterozoic geodynamics of the North China Craton: Geochemical and zircon Uâ€“Pbâ€“Hf records from a volcanic suite in the Yanliao rift. Gondwana Research, 2015, 27, 300-325.	3.0	73
24	Chronology and tectonic implications of Neoproterozoic blocks in the South Qinling Orogenic Belt, Central China. Gondwana Research, 2016, 30, 24-47.	3.0	69
25	Neoarchean Andean-type active continental margin in the northeastern North China Craton: Geochemical and geochronological evidence from metavolcanic rocks in the Jiapigou granite-greenstone belt, Southern Jilin Province. Precambrian Research, 2016, 285, 147-169.	1.2	67
26	Geochemistry of â¼2.7Ga basalts from Taishan area: Constraints on the evolution of early Neoarchean granite-greenstone belt in western Shandong Province, China. Precambrian Research, 2013, 224, 94-109.	1.2	59
27	Neoarchean arc magmatism and crustal growth in the north-eastern North China Craton: Evidence from granitoid gneisses in the Southern Jilin Province. Precambrian Research, 2017, 303, 30-53.	1.2	58
28	A reworked â¼3.45 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.	1.2	57
29	1.23 Ga mafic dykes in the North China Craton and their implications for the reconstruction of the Columbia supercontinent. Gondwana Research, 2015, 27, 1407-1418.	3.0	55
30	Discovery of pelitic high-pressure granulite from Manjinggou of the Huaiâ€™an Complex, North China Craton: Metamorphic Pâ€“T evolution and geological implications. Precambrian Research, 2016, 278, 323-336.	1.2	54
31	Geochemistry and zircon Uâ€“Pbâ€“Hf isotopic systematics of the Ningshan granitoid batholith, middle segment of the south Qinling belt, Central China: Constraints on petrogenesis and geodynamic processes. Journal of Asian Earth Sciences, 2012, 61, 166-186.	1.0	52
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.	1.3	51
33	Petrogenesis of taxitic dioriticâ€“tonalitic gneisses and Neoarchean crustal growth in Eastern Hebei, North China Craton. Precambrian Research, 2016, 284, 64-87.	1.2	47
34	Neoproterozoic continental back-arc rift development in the Northwestern Yangtze Block: Evidence from the Hannan intrusive magmatism. Gondwana Research, 2018, 59, 27-42.	3.0	45
35	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.	1.0	43
36	Late Neoarchean crust-mantle geodynamics: Evidence from Pingquan Complex of the Northern Hebei Province, North China Craton. Precambrian Research, 2017, 303, 470-493.	1.2	40

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37	Cross Orogenic Belts in Central China: Implications for the tectonic and paleogeographic evolution of the East Asian continental collage. Gondwana Research, 2022, 109, 18-88.	3.0	39
38	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.	1.2	37
39	K-rich granitoid magmatism at the Archeanâ€“Proterozoic transition in southern Jilin: Insights into the Neoarchean crustal evolution of the northeastern part of the North China Craton. Gondwana Research, 2018, 58, 87-104.	3.0	35
40	Geochemistry, zircon Uâ€“Pb and Luâ€“Hf isotopes of an Early Cretaceous intrusive suite in northeastern Jiangxi Province, South China Block: Implications for petrogenesis, crust/mantle interactions and geodynamic processes. Lithos, 2014, 200-201, 334-354.	0.6	31
41	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.	1.0	28
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.	2.3	27
43	Depositional age and provenance of the Wutai Group: Evidence from zircon Uâ€“Pb and Luâ€“Hf isotopes and whole-rock geochemistry. Precambrian Research, 2016, 281, 269-290.	1.2	27
44	Neoproterozoic granitoids along the Ailao Shan-Red River belt: Zircon U-Pb geochronology, Hf isotope analysis and tectonic implications. Precambrian Research, 2017, 299, 244-263.	1.2	24
45	Uâ€“Pb geochronology and Luâ€“Hf isotopes of zircons from newly identified Permianâ€“Early Triassic plutons in western Liaoning province along the northern margin of the North China Craton: constraints on petrogenesis and tectonic setting. International Journal of Earth Sciences, 2013, 102, 671-685.	0.9	23
46	Zircon Uâ€“Pb and Luâ€“Hf isotopic and whole-rock geochemical constraints on the Lanhe and Heichashan Groups: Implications for the Paleoproterozoic tectonic basin evolution of the LÃ¼liang Complex. Lithos, 2016, 262, 526-545.	0.6	19
47	Late Neoarchean crustal growth under paired continental arc-back arc system in the North China Craton. Geoscience Frontiers, 2021, 12, 101120.	4.3	18
48	Crust-mantle geodynamic origin of ~2.7ÂGa granitoid diversification in the Jiaobei terrane, North China Craton. Precambrian Research, 2020, 346, 105821.	1.2	11
49	Geochronology, geochemistry and Srâ€“Ndâ€“Pbâ€“Hf isotopes of the Paleoproterozoic mafic dykes from the Wulashan area, North China Craton: Petrogenesis and geodynamic implications. Precambrian Research, 2016, 286, 306-324.	1.2	10
50	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.	3.0	10
51	Neoarchean granitoids and tectonic regime of lateral growth in northeastern North China Craton. Gondwana Research, 2022, 107, 176-200.	3.0	9
52	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.	0.8	8
53	Archean crust-mantle geodynamic regimes: A review. Geosystems and Geoenvironment, 2022, 1, 100063.	1.7	6
54	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.	1.2	6

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55	Synchronous late Neoarchean Na- and K-rich granitoid magmatism at an active continental margin in the Eastern Liaoning Province of North China Craton. Lithos, 2020, 376-377, 105770.	0.6	5
56	Precambrian Crustal Evolution, Lithospheric Mantle Evolution and Crust-Mantle Geodynamics of Western Liaoning-Northeastern Hebei Provinces. Springer Theses, 2018, , 287-302.	0.0	1
57	Geological Background. Springer Theses, 2018, , 23-40.	0.0	0
58	Paleo- to Mesoproterozoic Magmatic Rock Assemblage and Crust-Mantle Geodynamic Processes. Springer Theses, 2018, , 181-286.	0.0	0
59	Neoarchean Basement Rock Assemblage, Crustal Evolution and Crust-Mantle Interactions of Western Liaoning Province. Springer Theses, 2018, , 41-180.	0.0	0