Timothy M Kusky

List of Publications by Year
in descending order

262	17,501	10986 71	17105 122
papers	citations	h-index	g-index

276	276	276	6199
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Paleoproterozoic tectonic evolution of the North China Craton. Journal of Asian Earth Sciences, 2003, 22, 383-397.	2.3	780
2	Accretionary orogens through Earth history. Geological Society Special Publication, 2009, 318, 1-36.	1.3	719
3	Late Cryogenianâ€“Ediacaran history of the Arabianâ€“Nubian Shield: A review of depositional, plutonic, structural, and tectonic events in the closing stages of the northern East African Orogen. Journal of African Earth Sciences, 2011, 61, 167-232.	2.0	566
4	Petrogenesis and tectonic significance of the â^¼850ÂMa Gangbian alkaline complex in South China: Evidence from in situ zircon Uâ€“Pb dating, Hfâ€“O isotopes and whole-rock geochemistry. Lithos, 2010, 114, 1-15.	1.4	437
5	The Paleoproterozoic North Hebei Orogen: North China craton's collisional suture with the Columbia supercontinent. Gondwana Research, 2007, 12, 4-28.	6.0	410
6	Geophysical and geological tests of tectonic models of the North China Craton. Gondwana Research, 2011, 20, 26-35.	6.0	335
7	The Archean Dongwanzi Ophiolite Complex, North China Craton: 2.505-Billion-Year-Old Oceanic Crust and Mantle. Science, 2001, 292, 1142-1145.	12.6	289
8	Insights into the tectonic evolution of the North China Craton through comparative tectonic analysis: A record of outward growth of Precambrian continents. Earth-Science Reviews, 2016, 162, 387-432.	9.1	282
9	Recognition of ocean plate stratigraphy in accretionary orogens through Earth history: A record of 3.8 billion years of sea floor spreading, subduction, and accretion. Gondwana Research, 2013, 24, 501-547.	6.0	273
10	Detecting areas of high-potential gold mineralization using ASTER data. Ore Geology Reviews, 2010, 38, 59-69.	2.7	267
11	Geochemistry of Neoarchean (ca. 2.55â€“2.50 Ga) volcanic and ophiolitic rocks in the Wutaishan greenstone belt, central orogenic belt, North China craton: Implications for geodynamic setting and continental growth. Bulletin of the Geological Society of America, 2005, 117, 1387.	3.3	250
12	Deep carbon cycles constrained by a large-scale mantle Mg isotope anomaly in eastern China. National Science Review, 2017, 4, 111-120.	9.5	240
13	Collision leading to multiple-stage large-scale extrusion in the Qinling orogen: Insights from the Mianlue suture. Gondwana Research, 2007, 12, 121-143.	6.0	238
14	Tectonic evolution of the North China Block: from orogen to craton to orogen. Geological Society Special Publication, 2007, 280, 1-34.	1.3	223
15	Growth of graniteâ€“greenstone terranes at convergent margins, and stabilization of Archean cratons. Tectonophysics, 1999, 305, 43-73.	2.2	218
16	Origin of paired high pressureÃ¢Â€Â“ultrahigh-temperature orogens: a ridge subduction and slab window model. Terra Nova, 2010, 22, 35-42.	2.1	208
17	Lithological mapping in the Central Eastern Desert of Egypt using ASTER data. Journal of African Earth Sciences, 2010, 56, 75-82.	2.0	206
18	Flat slab subduction, trench suction, and craton destruction: Comparison of the North China, Wyoming, and Brazilian cratons. Tectonophysics, 2014, 630, 208-221.	2.2	199

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19	ASTER spectral ratioing for lithological mapping in the Arabianâ€“Nubian shield, the Neoproterozoic Wadi Kid area, Sinai, Egypt. Gondwana Research, 2007, 11, 326-335.	6.0	189
20	Nature of mantle source contributions and crystal differentiation in the petrogenesis of the 1.78ÂGa mafic dykes in the central North China craton. Gondwana Research, 2007, 12, 29-46.	6.0	176
21	Structural controls on Neoproterozoic mineralization in the South Eastern Desert, Egypt: an integrated field, Landsat TM, and SIR-C/X SAR approach. Journal of African Earth Sciences, 2002, 35, 107-121.	2.0	166
22	Ca. 825 Ma komatiitic basalts in South China: First evidence for >1500 Â°C mantle melts by a Rodinian mantle plume. Geology, 2007, 35, 1103.	4.4	165
23	Accretion of the Archean Slave province. Geology, 1989, 17, 63.	4.4	164
24	Geochemical and petrological evidence for a suprasubduction zone origin of Neoarchean (ca. 2.5 Ga) peridotites, central orogenic belt, North China craton. Bulletin of the Geological Society of America, 2006, 118, 771-784.	3.3	163
25	Geochemical characteristics of the Neoarchean (2800â€“2700 Ma) Taishan greenstone belt, North China Craton: Evidence for plumeâ€“craton interaction. Chemical Geology, 2006, 230, 60-87.	3.3	161
26	Paleoproterozoic evolution of the eastern Alxa Block, westernmost North China: Evidence from in situ zircon Uâ€“Pb dating and Hfâ€“O isotopes. Gondwana Research, 2012, 21, 838-864.	6.0	161
27	Mantle dynamics of the Paleoproterozoic North China Craton: A perspective based on seismic tomography. Journal of Geodynamics, 2010, 49, 39-53.	1.6	158
28	Late Paleozoic volcanic record of the Eastern Junggar terrane, Xinjiang, Northwestern China: Major and trace element characteristics, Srâ€“Nd isotopic systematics and implications for tectonic evolution. Gondwana Research, 2009, 16, 201-215.	6.0	147
29	Remnants of an Archean oceanic plateau, Belingwe greenstone belt, Zimbabwe. Geology, 1992, 20, 43.	4.4	145
30	Lithological mapping in the Eastern Desert of Egypt, the Barramiya area, using Landsat thematic mapper (TM). Journal of African Earth Sciences, 2006, 44, 196-202.	2.0	143
31	Variable involvements of mantle plumes in the genesis of mid-Neoproterozoic basaltic rocks in South China: A review. Gondwana Research, 2009, 15, 381-395.	6.0	138
32	Geology, geochemistry, and geochronology of the Miaowan ophiolite, Yangtze craton: Implications for South China's amalgamation history with the Rodinian supercontinent. Gondwana Research, 2012, 21, 577-594.	6.0	138
33	The Late Permian to Triassic Hongseong-Odesan Collision Belt in South Korea, and Its Tectonic Correlation with China and Japan. International Geology Review, 2007, 49, 636-657.	2.1	137
34	A Late Archean foreland fold and thrust belt in the North China Craton: Implications for early collisional tectonics. Gondwana Research, 2007, 12, 47-66.	6.0	135
35	Partial melting of deeply subducted eclogite from the Sulu orogen in China. Nature Communications, 2014, 5, 5604.	12.8	132
36	Archean Podiform Chromitites and Mantle Tectonites in Ophiolitic MÃ©lange, North China Craton: A Record of Early Oceanic Mantle Processes. GSA Today, 2002, 12, 4.	2.0	129

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37	Integrated in situ zircon Uâ€“Pb age and Hfâ€“O isotopes for the Helanshan khondalites in North China Craton: Juvenile crustal materials deposited in active or passive continental margin?. Precambrian Research, 2012, 222-223, 143-158.	2.7	128
38	Post-kinematic lithospheric delamination of the Wuyiâ€“Yunkai orogen in South China: Evidence from ca. 435Ma high-Mg basalts. Lithos, 2012, 154, 115-129.	1.4	126
39	Recognition of Grenvillian volcanic suite in the Shennongjia region and its tectonic significance for the South China Craton. Precambrian Research, 2011, 191, 101-119.	2.7	120
40	Kinematic analysis of mÃ©lange fabrics: examples and applications from the McHugh Complex, Kenai Peninsula, Alaska. Journal of Structural Geology, 1999, 21, 1773-1796.	2.3	118
41	Thermochronological constraints on two-stage extrusion of HP/UHP terranes in the Dabieâ€“Sulu orogen, east-central China. Tectonophysics, 2011, 504, 25-42.	2.2	115
42	Remote sensing detection of gold related alteration zones in Um Rus area, Central Eastern Desert of Egypt. Advances in Space Research, 2012, 49, 121-134.	2.6	114
43	Tectonic setting and terrane accretion of the Archean Zimbabwe craton. Geology, 1998, 26, 163.	4.4	113
44	Continental flood basalts derived from the hydrous mantle transition zone. Nature Communications, 2015, 6, 7700.	12.8	112
45	Archean Foreland Basin tectonics in the Witwatersrand, South Africa. Tectonics, 1986, 5, 439-456.	2.8	109
46	Controls on accretion of flysch and mÃ©lange belts at convergent margins: Evidence from the Chugach Bay thrust and Iceworm mÃ©lange, Chugach accretionary wedge, Alaska. Tectonics, 1997, 16, 855-878.	2.8	105
47	Geological Evidence for the Operation of Plate Tectonics throughout the Archean: Records from Archean Paleo-Plate Boundaries. Journal of Earth Science (Wuhan, China), 2018, 29, 1291-1303.	3.2	105
48	Mesoproterozoic magmatic events in the eastern North China Craton and their tectonic implications: Geochronological evidence from detrital zircons in the Shandong Peninsula and North Korea. Gondwana Research, 2012, 22, 828-842.	6.0	103
49	Two-stage Triassic exhumation of HPâ€“UHP terranes in the western Dabie orogen of China: Constraints from structural geology. Tectonophysics, 2010, 490, 267-293.	2.2	102
50	Disappearing Lake Alaotra: Monitoring catastrophic erosion, waterway silting, and land degradation hazards in Madagascar using Landsat imagery. Journal of African Earth Sciences, 2006, 44, 241-252.	2.0	98
51	ASTER detection of chromite bearing mineralized zones in Semail Ophiolite Massifs of the northern Oman Mountains: Exploration strategy. Ore Geology Reviews, 2012, 44, 121-135.	2.7	96
52	Phanerozoic amalgamation of the Alxa Block and North China Craton: Evidence from Paleozoic granitoids, Uâ€“Pb geochronology and Srâ€“Ndâ€“Pbâ€“Hfâ€“O isotope geochemistry. Gondwana Research, 2016, 32, 105-121.	6.0	95
53	Uâ€“Pb and Hf isotopic compositions of detrital zircons from the paragneisses of the Quanji Massif, NW China: Implications for its early tectonic evolutionary history. Journal of Asian Earth Sciences, 2012, 54-55, 110-130.	2.3	92
54	Early Paleoproterozoic magmatism in the Quanji Massif, northeastern margin of the Qinghaiâ€“Tibet Plateau and its tectonic significance: LA-ICPMS Uâ€“Pb zircon geochronology and geochemistry. Gondwana Research, 2012, 21, 152-166.	6.0	92

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55	Evidence for Archean ocean opening and closing in the Southern Slave Province. Tectonics, 1990, 9, 1533-1563.	2.8	91
56	The Columbia connection in North China. Geological Society Special Publication, 2009, 323, 49-71.	1.3	91
57	A late Archean tectonic mÃ©lange in the Central Orogenic Belt, North China Craton. Tectonophysics, 2013, 608, 929-946.	2.2	91
58	Melting-induced fluid flow during exhumation of gneisses of the Sulu ultrahigh-pressure terrane. Lithos, 2010, 120, 490-510.	1.4	85
59	Early continental breakup boundary and migration of the Afar triple junction, Ethiopia. Bulletin of the Geological Society of America, 2003, 115, 1053.	3.3	83
60	Geology of a Neoarchean suture: Evidence from the Zunhua ophiolitic mÃ©lange of the Eastern Hebei Province, North China Craton. Bulletin of the Geological Society of America, 2019, 131, 1943-1964.	3.3	83
61	Tertiaryâ€“Quaternary faulting and uplift in the northern Oman Hajar Mountains. Journal of the Geological Society, 2005, 162, 871-888.	2.1	82
62	Cenozoic evolution of the Tanâ€“Lu Fault Zone (East China)â€”Constraints from seismic data. Gondwana Research, 2015, 28, 1079-1095.	6.0	78
63	Collapse of Archean orogens and the generation of late- to postkinematic granitoids. Geology, 1993, 21, 925.	4.4	77
64	Volcanosedimentary Basins in the Arabian-Nubian Shield: Markers of Repeated Exhumation and Denudation in a Neoproterozoic Accretionary Orogen. Geosciences (Switzerland), 2013, 3, 389-445.	2.2	76
65	Progressive deformation of the Chugach accretionary complex, Alaska, during a paleogene ridge-trench encounter. Journal of Structural Geology, 1997, 19, 139-157.	2.3	75
66	Two-stage collision-related extrusion of the western Dabie HPâ€“UHP metamorphic terranes, central China: Evidence from quartz c-axis fabrics and structures. Gondwana Research, 2009, 16, 294-309.	6.0	74
67	A Paleoproterozoic ophiolitic mÃ©lange, Yangtze craton, South China: Evidence for Paleoproterozoic suturing and microcontinent amalgamation. Precambrian Research, 2017, 293, 13-38.	2.7	74
68	Geochemistry of picrites and associated lavas of a Devonian island arc in the northern Junggar terrane, Xinjiang (NW China): Implications for petrogenesis, arc mantle sources and tectonic setting. Lithos, 2008, 105, 379-395.	1.4	73
69	Geochronology, mantle source composition and geodynamic constraints on the origin of Neoarchean mafic dikes in the Zanhuang Complex, Central Orogenic Belt, North China Craton. Lithos, 2014, 205, 359-378.	1.4	73
70	Is the Ventersdorp Rift System of Southern Africa related to a continental collision between the Kaapvaal and Zimbabwe Cratons at 2.64 Ga ago?. Tectonophysics, 1985, 115, 1-24.	2.2	72
71	Geologic Evidence for Rate of Plate Convergence during the Taconic Arc-Continent Collision. Journal of Geology, 1986, 94, 667-681.	1.4	69
72	Structural and remote sensing analysis of the Betsimisaraka Suture in northeastern Madagascar. Gondwana Research, 2009, 15, 14-27.	6.0	69

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73	Detection of hydrothermal mineralized zones associated with listwaenites in Central Oman using ASTER data. Ore Geology Reviews, 2013, 53, 470-488.	2.7	68
74	Tectonic mÃ©lange records the Silurianâ€“Devonian subduction-metamorphic process of the southern Dunhuang terrane, southernmost Central Asian Orogenic Belt. Geology, 2017, 45, 427-430.	4.4	68
75	MÃ©langes through time: Life cycle of the world's largest Archean mÃ©lange compared with Mesozoic and Paleozoic subduction-accretion-collision mÃ©langes. Earth-Science Reviews, 2020, 209, 103303.	9.1	68
76	Paired metamorphism in the Neoarchean: A record of accretionary-to-collisional orogenesis in the North China Craton. Earth and Planetary Science Letters, 2020, 543, 116355.	4.4	68
77	Structural and remote sensing studies of the southern Betsimisaraka Suture, Madagascar. Gondwana Research, 2006, 10, 186-197.	6.0	65
78	A 2.5 Ga fore-arc subduction-accretion complex in the Dengfeng Granite-Greenstone Belt, Southern North China Craton. Precambrian Research, 2016, 275, 241-264.	2.7	65
79	Neoproterozoic nappes and superposed folding of the Itremo Group, west-central Madagascar. Gondwana Research, 2007, 12, 356-379.	6.0	64
80	Geochronology, geochemistry and petrogenesis of Neoproterozoic basalts from Sugetbrak, northwest Tarim block, China: Implications for the onset of Rodinia supercontinent breakup. Precambrian Research, 2012, 220-221, 158-176.	2.7	64
81	Geochemistry of Neoarchean mafic volcanic rocks and late mafic dikes in the Zanhuang Complex, Central Orogenic Belt, North China Craton: Implications for geodynamic setting. Lithos, 2013, 175-176, 193-212.	1.4	64
82	A reappraisal of the high-Ti and low-Ti classification of basalts and petrogenetic linkage between basalts and maficâ€“ultramafic intrusions in the Emeishan Large Igneous Province, SW China. Ore Geology Reviews, 2011, 41, 133-143.	2.7	63
83	Neoproterozoic IAT intrusion into Mesoproterozoic MOR Miaowan Ophiolite, Yangtze Craton: Evidence for evolving tectonic settings. Precambrian Research, 2017, 289, 75-94.	2.7	62
84	Structural and tectonic evolution of the Neoproterozoic Feiranâ€“Solaf metamorphic belt, Sinai Peninsula: implications for the closure of the Mozambique Ocean. Precambrian Research, 2003, 123, 269-293.	2.7	61
85	Monthly variations of water masses in the East China Seas. Continental Shelf Research, 2006, 26, 1954-1970.	1.8	61
86	Precambrian evolution of the Chinese Central Tianshan Block: Constraints on its tectonic affinity to the Tarim Craton and responses to supercontinental cycles. Precambrian Research, 2017, 295, 24-37.	2.7	61
87	Active tectonics of the Alaotraâ€“Ankay Graben System, Madagascar: Possible extension of Somalianâ€“African diffusive plate boundary?. Gondwana Research, 2010, 18, 274-294.	6.0	60
88	Komatiites from west Shandong, North China craton: Implications for plume tectonics. Gondwana Research, 2007, 12, 77-83.	6.0	59
89	LA-ICP-MS Uâ€“Pb zircon age constraints on the Paleoproterozoic and Neoarchean history of the Sandmata Complex in Rajasthan within the NW Indian Plate. Journal of Asian Earth Sciences, 2011, 42, 286-305.	2.3	59
90	Paleoproterozoic S-type granites in the Helanshan Complex, Khondalite Belt, North China Craton: Implications for rapid sediment recycling during slab break-off. Precambrian Research, 2014, 254, 59-72.	2.7	59

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91	Continental vertical growth in the transitional zone between South Tianshan and Tarim, western Xinjiang, NW China: Insight from the Permian Halajun A1-type granitic magmatism. Lithos, 2012, 155, 49-66.	1.4	58
92	Has the Yangtze craton lost its root? A comparison between the North China and Yangtze cratons. Tectonophysics, 2015, 655, 1-14.	2.2	55
93	A ca.2.1 Ga Andean-type margin built on metasomatized lithosphere in the northern Yangtze craton, China: Evidence from high-Mg basalts and andesites. Precambrian Research, 2018, 309, 309-324.	2.7	54
94	Application of the modern ophiolite concept with special reference to Precambrian ophiolites. Science China Earth Sciences, 2011, 54, 315-341.	5.2	53
95	Cryogenian ophiolite tectonics and metallogeny of the Central Eastern Desert of Egypt. International Geology Review, 2012, 54, 1870-1884.	2.1	53
96	A Neoarchean subduction polarity reversal event in the North China Craton. Lithos, 2015, 220-223, 133-146.	1.4	53
97	Emplacement of the Resurrection Peninsula ophiolite in the southern Alaska forearc during a ridge-trench encounter. Journal of Geophysical Research, 1999, 104, 29025-29054.	3.3	52
98	Gushan magnetiteâ€“apatite deposit in the Ningwu basin, Lower Yangtze River Valley, SE China: Hydrothermal or Kiruna-type?. Ore Geology Reviews, 2011, 43, 333-346.	2.7	52
99	Geochronology and geochemistry of late Carboniferous volcanic rocks from northern Inner Mongolia, North China: Petrogenesis and tectonic implications. Gondwana Research, 2016, 36, 545-560.	6.0	52
100	Paleoproterozoic assembly of the North and South Tarim terranes: New insights from deep seismic profiles and Precambrian granite cores. Precambrian Research, 2018, 305, 151-165.	2.7	52
101	Structural development of an Archean Orogen, Western Point Lake, Northwest Territories. Tectonics, 1991, 10, 820-841.	2.8	51
102	Geochemistry, petrogenesis and tectonic setting of Neoproterozoic maficâ€“ultramafic rocks from the western Jiangnan orogen, South China. Gondwana Research, 2016, 35, 338-356.	6.0	50
103	Neoproterozoic dextral faulting on the Najd Fault System, Saudi Arabia, preceded sinistral faulting and escape tectonics related to closure of the Mozambique Ocean. Geological Society Special Publication, 2003, 206, 327-361.	1.3	49
104	Structural relationships along a greenstone/shallow water shelf contact, Belingwe greenstone belt, Zimbabwe. Tectonics, 1995, 14, 448-471.	2.8	48
105	The Pongola structure of southeastern Africa: The world's oldest preserved rift?. Journal of Geodynamics, 1985, 2, 35-49.	1.6	46
106	Structural relationships along a Neoarchean arc-continent collision zone, North China craton. Bulletin of the Geological Society of America, 2017, 129, 59-75.	3.3	45
107	Sedimentary provenance in response to Carboniferous arc-basin evolution of East Junggar and North Tianshan belts in the southwestern Central Asian Orogenic Belt. Tectonophysics, 2018, 722, 324-341.	2.2	45
108	Post-collisional Plio-Pleistocene shoshonitic volcanism in the western Kunlun Mountains, NW China: Geochemical constraints on mantle source characteristics and petrogenesis. Journal of Asian Earth Sciences, 2008, 31, 379-403.	2.3	44

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109	Lithospheric density structure beneath the Tarim basin and surroundings, northwestern China, from the joint inversion of gravity and topography. Earth and Planetary Science Letters, 2017, 460, 244-254.	4.4	44
110	Petrogenesis and geochronology of Paleoproterozoic magmatic rocks in the Kongling complex: Evidence for a collisional orogenic event in the Yangtze craton. Lithos, 2019, 342-343, 513-529.	1.4	44
111	Arc-like mid-ocean ridge basalt formed seaward of a trench-forearc system just prior to ridge subduction: An example from subaccreted ophiolites in southern Alaska. Journal of Geophysical Research, 1997, 102, 10225-10243.	3.3	43
112	The Nubian Aquifer in Southwest Egypt. Hydrogeology Journal, 2007, 15, 33-45.	2.1	42
113	On the role of incompetent strata in the structural evolution of the Zagros Fold-Thrust Belt, Dezful Embayment, Iran. Marine and Petroleum Geology, 2017, 81, 320-333.	3.3	40
114	Archean eclogite-facies oceanic crust indicates modern-style plate tectonics. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117529119.	7.1	40
115	The neoarchean ophiolite in the North China craton: Early precambrian plate tectonics and scientific debate. Journal of Earth Science (Wuhan, China), 2012, 23, 277-284.	3.2	39
116	Is the Ordos Basin floored by a trapped oceanic plateau?. Earth and Planetary Science Letters, 2015, 429, 197-204.	4.4	39
117	A Middle Permian Ophiolitic MÃ©lange Belt in the Solonker Suture Zone, Western Inner Mongolia, China: Implications for the Evolution of the Paleoâ€Asian Ocean. Tectonics, 2018, 37, 1292-1320.	2.8	39
118	Lithological, structural, and geochemical characteristics of the Mesoarchean TÃ¢rtoq greenstone belt, southern West Greenland, and the Chugach â€“ Prince William accretionary complex, southern Alaska: evidence for uniformitarian plate-tectonic processes. Canadian Journal of Earth Sciences, 2016, 53, 1336-1371.	1.3	38
119	Early Paleozoic collision-related magmatism in the eastern North Qilian orogen, northern Tibet: A linkage between accretionary and collisional orogenesis. Bulletin of the Geological Society of America, 2019, 131, 1031-1056.	3.3	38
120	Archean dome-and-basin style structures form during growth and death of intraoceanic and continental margin arcs in accretionary orogens. Earth-Science Reviews, 2021, 220, 103725.	9.1	38
121	Origin and emplacement of Archean ophiolites of the central orogenic belt, North China craton. Journal of Earth Science (Wuhan, China), 2010, 21, 744-781.	3.2	37
122	Growth and demise of an Archean carbonate platform, Steep Rock Lake, Ontario, Canada. Canadian Journal of Earth Sciences, 1999, 36, 565-584.	1.3	36
123	Origin and Emplacement of Archean Ophiolites of the Central Orogenic Belt, North China Craton. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2004, 13, 223-274.	0.2	36
124	Mesozoic to Eocene ductile deformation of western Central Iran: From Cimmerian collisional orogeny to Eocene exhumation. Tectonophysics, 2012, 564-565, 83-100.	2.2	36
125	Geochemistry of near-trench intrusives associated with ridge subduction, Seldovia Quadrangle, southern Alaska. Journal of Geophysical Research, 2000, 105, 27957-27978.	3.3	35
126	Lithospheric thinning in eastern Asia; constraints, evolution, and tests of models. Geological Society Special Publication, 2007, 280, 331-343.	1.3	35

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127	Comparison of results of recent seismic profiles with tectonic models of the North China craton. Journal of Earth Science (Wuhan, China), 2011, 22, 250-259.	3.2	35
128	The Cretaceous Duimiangou adakite-like intrusion from the Chifeng region, northern North China Craton: Crustal contamination of basaltic magma in an intracontinental extensional environment. Lithos, 2012, 134-135, 273-288.	1.4	34
129	Petrogenesis and geochemistry of circa 2.5 Ga granitoids in the Zanhuang Massif: Implications for magmatic source and Neoarchean metamorphism of the North China Craton. Lithos, 2017, 268-271, 149-162.	1.4	34
130	Origin and tectonic implications of an Early Paleozoic (460â€“440â€¯Ma) subduction-accretion shear zone in the northwestern Yunkai Domain, South China. Lithos, 2018, 322, 104-128.	1.4	33
131	Structural geometry of an exhumed UHP terrane in the eastern Sulu Orogen, China: Implications for continental collisional processes. Journal of Structural Geology, 2010, 32, 423-444.	2.3	32
132	Stress development in heterogenetic lithosphere: Insights into earthquake processes in the New Madrid Seismic Zone. Tectonophysics, 2016, 671, 56-62.	2.2	32
133	Magmatic record of Neoarchean arc-polarity reversal from the Dengfeng segment of the Central Orogenic Belt, North China Craton. Precambrian Research, 2019, 326, 105-123.	2.7	32
134	Early Mesozoic magmatism and tectonic evolution of the Qinling Orogen: Implications for oblique continental collision. Gondwana Research, 2020, 88, 296-332.	6.0	32
135	Late Paleozoic orogeny in Alaska's Farewell terrane. Tectonophysics, 2003, 372, 23-40.	2.2	31
136	Alpine-style nappes thrust over ancient North China continental margin demonstrate large Archean horizontal plate motions. Nature Communications, 2021, 12, 6172.	12.8	31
137	A reâ€examination of perpendicular drought indices. International Journal of Remote Sensing, 2008, 29, 6037-6044.	2.9	30
138	Geochronology and geochemistry of the Chuanwulu complex in the South Tianshan, western Xinjiang, NW China: Implications for petrogenesis and Phanerozoic continental growth. Lithos, 2012, 140-141, 66-85.	1.4	30
139	Pyroxenite-derived Early Cretaceous lavas in the Liaodong Peninsula: Implication for metasomatism and thinning of the lithospheric mantle beneath North China Craton. Lithos, 2015, 227, 77-93.	1.4	30
140	Geochemistry and geochronology of mylonitic metasedimentary rocks associated with the Proterozoic Miaowan Ophiolite Complex, Yangtze craton, China: Implications for geodynamic events. Precambrian Research, 2016, 279, 37-56.	2.7	30
141	Lithosphere thinning induced by slab penetration into a hydrous mantle transition zone. Geophysical Research Letters, 2016, 43, 11,567.	4.0	30
142	Neogene to Quaternary uplift history along the passive margin of the northeastern Arabian Peninsula, eastern Al Hajar Mountains, Oman. Quaternary Research, 2018, 90, 418-434.	1.7	30
143	Geomorphologic assessment of relative tectonic activity in the Maharlou Lake Basin, Zagros Mountains of Iran. Geological Journal, 2012, 47, 30-40.	1.3	29
144	Zircon Hf isotope of Yingfeng Rapakivi granites from the Quanji Massif and â^¼2.7 Ga crustal growth. Journal of Earth Science (Wuhan, China), 2013, 24, 29-41.	3.2	29

#	Article	IF	Citations
145	Microfabric characteristics and rheological significance of ultraâ€highâ€pressure metamorphosed jadeiteâ€quartzite and eclogite from Shuanghe, Dabie Mountains, China. Journal of Metamorphic Geology, 2010, 28, 163-182.	3.4	28
146	Temporal evolution of the Angavo and related shear zones in Gondwana: Constraints from LA-MC-ICP-MS Uâ€“Pb zircon ages of granitoids and gneiss from central Madagascar. Precambrian Research, 2010, 182, 30-42.	2.7	27
147	Continental flood basalts of the Huashan Group, northern margin of the Yangtze block â€“ implications for the breakup of Rodinia. International Geology Review, 2013, 55, 1865-1884.	2.1	26
148	On the Role of Lower Crust and Midlithosphere Discontinuity for Cratonic Lithosphere Delamination and Recycling. Geophysical Research Letters, 2018, 45, 7425-7433.	4.0	26
149	Structural relationships and kinematics of the Neoarchean Dengfeng forearc and accretionary complexes, southern North China craton. Bulletin of the Geological Society of America, 2019, 131, 966-996.	3.3	26
150	The importance of a weak mid-lithospheric layer on the evolution of the cratonic lithosphere. Earth-Science Reviews, 2019, 190, 557-569.	9.1	26
151	Displacement history of the Northern Arm Fault, and its bearing on the Post-Taconic evolution of north-central Newfoundland. Journal of Geodynamics, 1987, 7, 105-133.	1.6	25
152	A PHYSICAL MODEL STUDY OF SCATTERING OF WAVES BY ALIGNED CRACKS: COMPARISON BETWEEN EXPERIMENT AND THEORY1. Geophysical Prospecting, 1993, 41, 323-339.	1.9	25
153	Mesozoic tectonics in the Eastern Block of the North China Craton: implications for subduction of the Pacific plate beneath the Eurasian plate. Geological Society Special Publication, 2007, 280, 171-188.	1.3	24
154	The Great Rift Valley of Madagascar: An extension of the Africaâ€“Somali diffusive plate boundary?. Gondwana Research, 2007, 11, 577-579.	6.0	24
155	Environmental monitoring of bombetoka bay and the Betsiboka estuary, Madagascar, using multi-temporal satellite data. Journal of Earth Science (Wuhan, China), 2010, 21, 210-226.	3.2	24
156	Geological evolution of Longhushan World Geopark in relation to global tectonics. Journal of Earth Science (Wuhan, China), 2010, 21, 1-18.	3.2	24
157	Are Wilson Cycles preserved in Archean cratons? A comparison of the North China and Slave cratons. Canadian Journal of Earth Sciences, 2014, 51, 297-311.	1.3	24
158	Controls on intrusion of near-trench magmas of the Sanak-Baranof Belt, Alaska, during Paleogene ridge subduction, and consequences for forearc evolution. , 2003, , .		23
159	Supercontinent cycles, extreme metamorphic processes, and changing fluid regimes. International Geology Review, 2011, 53, 1403-1423.	2.1	23
160	Granulite facies metamorphic age and tectonic implications of BIFs from the Kongling Group in the northern Huangling anticline. Journal of Earth Science (Wuhan, China), 2012, 23, 648-658.	3.2	23
161	From subduction initiation to arcâ€“polarity reversal: Life cycle of an Archean subduction zone from the Zunhua ophiolitic mÃ©lange, North China Craton. Precambrian Research, 2020, 350, 105868.	2.7	23
162	World's largest known Precambrian fossil black smoker chimneys and associated microbial vent communities, North China: Implications for early life. Gondwana Research, 2007, 12, 84-100.	6.0	22

#	Article	IF	Citations
163	Geochemistry of middle-late Mesozoic mafic intrusions in the eastern North China Craton: New insights on lithospheric thinning and decratonization. Gondwana Research, 2019, 73, 153-174.	6.0	21
164	No plate tectonic shutdown in the early Paleoproterozoic: Constraints from the ca. 2.4â€¯Ga granitoids in the Quanji Massif, NW China. Journal of Asian Earth Sciences, 2019, 172, 221-242.	2.3	21
165	Temporal variations in the incompatible trace element systematics of Archean volcanic rocks: Implications for tectonic processes in the early Earth. Precambrian Research, 2022, 368, 106487.	2.7	21
166	Elastic Wave Propagation In A Medium Containing Oriented Inclusions With A Changing Aspect Ratio: A Physical Model Study. Geophysical Journal International, 1996, 125, 163-172.	2.4	20
167	Chondritic osmium isotopic composition of Archean ophiolitic mantle, North China craton. Gondwana Research, 2007, 12, 67-76.	6.0	20
168	Triassic shoshonitic dykes from the northern North China craton: petrogenesis and geodynamic significance. Geological Magazine, 2012, 149, 39-55.	1.5	20
169	An integrated approach for groundwater potential zoning in shallow fracture zone aquifers. International Journal of Remote Sensing, 2013, 34, 6539-6561.	2.9	20
170	Geochemistry, Nd, Pb and Sr isotope systematics, and Uâ€“Pb zircon ages of the Neoarchean Bad Vermilion Lake greenstone belt and spatially associated granitic rocks, western Superior Province, Canada. Precambrian Research, 2016, 282, 21-51.	2.7	20
171	Role of fluvial and structural processes in the formation of the Wahiba Sands, Oman: A remote sensing perspective. Journal of Arid Environments, 2007, 69, 676-694.	2.4	19
172	Remote sensing based approach for mapping of CO2 sequestered regions in Samail ophiolite massifs of the Sultanate of Oman. Earth-Science Reviews, 2014, 135, 122-140.	9.1	19
173	Rapid cooling history of a Neotethyan ophiolite: Evidence for contemporaneous subduction initiation and metamorphic sole formation. Bulletin of the Geological Society of America, 2019, 131, 2011-2038.	3.3	19
174	Plate tectonics in relation to mantle temperatures and metamorphic properties. Science China Earth Sciences, 2020, 63, 634-642.	5.2	19
175	Greece and Turkey Shaken by African tectonic retreat. Scientific Reports, 2021, 11, 6486.	3.3	19
176	Tectonic evolution of China and adjacent crustal fragments. Gondwana Research, 2007, 12, 1-3.	6.0	18
177	Structural and tectonic evolution of El-Faiyum depression, North Western Desert, Egypt based on analysis of Landsat ETM+, and SRTM Data. Journal of Earth Science (Wuhan, China), 2011, 22, 75-100.	3.2	18
178	Geochronology of the Baye Mn oxide deposit, southern Yunnan Plateau: Implications for the late Miocene to Pleistocene paleoclimatic conditions and topographic evolution. Geochimica Et Cosmochimica Acta, 2014, 139, 227-247.	3.9	18
179	Age and genesis of the Neoarchean Algoma-type banded iron formations from the Dengfeng greenstone belt, southern North China Craton: Geochronological, geochemical and Smâ€“Nd isotopic constraints. Precambrian Research, 2019, 333, 105437.	2.7	18
180	Identification of the Neoarchean Jianping pyroxenite-mÃ©lange in the Central Orogenic Belt, North China Craton: A fore-arc accretional assemblage. Precambrian Research, 2020, 336, 105495.	2.7	18

#	Article	IF	Citations
181	Structural anatomy of the early Paleozoic Laohushan ophiolite and subduction complex: Implications for accretionary tectonics of the Proto-Tethyan North Qilian orogenic belt, northeastern Tibet. Bulletin of the Geological Society of America, 2020, 132, 2175-2201.	3.3	18
182	Ultra-high pressure inclusion in Archean ophiolitic podiform chromitite in mÃ©lange block suggests deep subduction on early Earth. Precambrian Research, 2021, 362, 106318.	2.7	18
183	Vestiges of early Earthâ€™s deep subduction and CHONSP cycle recorded in Archean ophiolitic podiform chromitites. Earth-Science Reviews, 2022, 227, 103968.	9.1	18
184	Age and origin of the Boil Mountain ophiolite and Chain Lakes massif, Maine: implications for the Penobscottian orogeny. Canadian Journal of Earth Sciences, 1997, 34, 646-654.	1.3	17
185	Petrogenesis and Geotectonic Significance of Early-Neoproterzoic Olivine-Gabbro within the Yangtze Craton: Constrains from the Mineral Composition, U-Pb Age and Hf Isotopes of Zircons. Journal of Earth Science (Wuhan, China), 2018, 29, 93-102.	3.2	17
186	Water transportation ability of flat-lying slabs in the mantle transition zone and implications for craton destruction. Tectonophysics, 2018, 723, 95-106.	2.2	17
187	Heterogeneous ductile deformation and quartz c-axis fabric development within the HP-LT Sanandaj-Sirjan Metamorphic Belt, Iran. Tectonophysics, 2010, 485, 283-289.	2.2	16
188	Sub-canopy Soil Moisture Modeling in n-Dimensional Spectral Feature Space. Photogrammetric Engineering and Remote Sensing, 2011, 77, 149-156.	0.6	16
189	Pâ€“T and structural constraints of lawsonite and epidote blueschists from Liberty Creek and Seldovia: Tectonic implications for early stages of subduction along the southern Alaska convergent margin. Lithos, 2011, 121, 100-116.	1.4	16
190	Tertiary and quaternary marine terraces and planation surfaces of northern Oman: Interaction of flexural bulge migration associated with the Arabian-Eurasian collision and eustatic sea level changes. Journal of Earth Science (Wuhan, China), 2016, 27, 955-970.	3.2	16
191	Dynamic cause of marginal lithospheric thinning and implications for craton destruction: a comparison of the North China, Superior, and Yilgarn cratons. Canadian Journal of Earth Sciences, 2016, 53, 1121-1141.	1.3	16
192	The Role of Earth's Deep Volatile Cycling in the Generation of Intracontinental Highâ€Mg Andesites: Implication for Lithospheric Thinning Beneath the North China Craton. Journal of Geophysical Research: Solid Earth, 2019, 124, 1305-1323.	3.4	16
193	Sea-floor metamorphism recorded in epidosites from the ca. 1.0 Ga Miaowan ophiolite, Huangling anticline, China. Journal of Earth Science (Wuhan, China), 2012, 23, 696-704.	3.2	15
194	Ancient Continental Lithosphere Dislocated Beneath Ocean Basins Along the Midâ€Lithosphere Discontinuity: A Hypothesis. Geophysical Research Letters, 2017, 44, 9253-9260.	4.0	15
195	High-Cr chromites from the Late Proterozoic Miaowan Ophiolite Complex, South China: Implications for its tectonic environment of formation. Lithos, 2017, 288-289, 35-54.	1.4	15
196	A Neoarchean arc-backarc pair in the Linshan Massif, southern North China Craton. Precambrian Research, 2020, 341, 105649.	2.7	15
197	Analysis of Landsat TM Ratio Imagery of the Halaban Zarghat Fault and Related Jifn Basin, NE Arabian Shield: Implications for the Kinematic History of the Najd Fault System. Gondwana Research, 2001, 4, 182-182.	6.0	14
198	Kinematic analysis of deformed structures in a tectonic mÃ©lange: a key unit for the manifestation of transpression along the Zagros Suture Zone, Iran. Geological Magazine, 2012, 149, 1107-1117.	1.5	14

#	Article	IF	Citations
199	Evolution of high-pressure mafic granulites and pelitic gneisses from NE Madagascar: Tectonic implications. Tectonophysics, 2015, 662, 219-242.	2.2	14
200	Zircon and Monazite Ages Constraints on Devonian Magmatism and Granulite-Facies Metamorphism in the Southern Qaidam Block: Implications for Evolution of Proto- and Paleo-Tethys in East Asia. Journal of Earth Science (Wuhan, China), 2018, 29, 1132-1150.	3.2	14
201	The Resurrection Peninsula Ophiolite, MÃ©lange and Accreted Flysch Belts of Southern Alaska as an Analog for Trench-Forearc Systems in Precambrian Orogens. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2004, 13, 627-674.	0.2	13
202	Structure, Cr-chemistry, and age of the Border Ranges Ultramafic-Mafic Complex: A suprasubduction zone ophiolite complex. , 2007, , 207-225.		13
203	Geochemistry of Neoarchean (ca. 2.55-2.50 Ga) volcanic and ophiolitic rocks in the Wutaishan greenstone belt, central orogenic belt, North China craton: Implications for geodynamic setting and continental growth: Reply. Bulletin of the Geological Society of America, 2007, 119, 490-492.	3.3	13
204	Occurrence of gold in hydrothermal pyrite, western Taupo Volcanic Zone, New Zealand. Geodinamica Acta, 2016, 28, 185-198.	2.2	13
205	DÃ©jÃ vu: Might Future Eruptions of Hunga Tonga-Hunga Haâ€™apai Volcano be a Repeat of the Devastating Eruption of Santorini, Greece (1650 BC)?. Journal of Earth Science (Wuhan, China), 2022, 33, 229-235.	3.2	13
206	Deformed sedimentary fabrics in metamorphic rocks: Evidence from the Point Lake area, Slave province, Northwest Territories. Bulletin of the Geological Society of America, 1991, 103, 486-503.	3.3	12
207	Discovery of a sheeted dike complex in the northern Yangtze craton and its implications for craton evolution. Journal of Earth Science (Wuhan, China), 2012, 23, 676-695.	3.2	12
208	GIS-Based analysis of relative tectonic activity along the kazerun fault zone, zagros mountains, iran: insights from data mining of Geomorphic Data. Journal of Earth Science (Wuhan, China), 2015, 26, 712-723.	3.2	12
209	Focusing seismic energy along faults through time-variable rupture modes: Wenchuan earthquake, China. Journal of Earth Science (Wuhan, China), 2010, 21, 910-922.	3.2	11
210	Kinematic and thermochronological constraints on the Xinchengâ€“Huangpi fault and Mesozoic two-phase extrusion of the Tongbaiâ€“Dabie Orogen Belt. Journal of Asian Earth Sciences, 2012, 60, 160-173.	2.3	11
211	Usage of strain and vorticity analyses to interpret largeâ€scale fold mechanisms along the Sanandajâ€“Sirjan HPâ€LT metamorphic belt, SW Iran. Geological Journal, 2012, 47, 99-110.	1.3	11
212	Geomorphometric evidence of an active pop-up structure along the sabzpushan fault zone, Zagros mountains, SW Iran. Journal of Earth Science (Wuhan, China), 2016, 27, 945-954.	3.2	11
213	Comments to â€œPaleoproterozoic meta-carbonates from the Central segment of the Trans-North China Orogen: Zircon U-Pb geochronology, geochemistry, and carbon and oxygen isotopesâ€• by Tang et al., 2016, Precambrian Research 284: 14â€“29. Precambrian Research, 2017, 294, 344-349.	2.7	11
214	Neoarchean to Paleoproterozoic tectonothermal evolution of the North China Craton: Constraints from geological mapping and Th-U-Pb geochronology of zircon, titanite and monazite in Zanhuang Massif. Precambrian Research, 2021, 359, 106214.	2.7	11
215	Advanced land imager superiority in lithological classification utilizing machine learning algorithms. Arabian Journal of Geosciences, 2022, 15, .	1.3	11
216	Plate Reconstructions Using Stromatolite Heliotropism: Principles and Applications. Journal of Geology, 1991, 99, 321-335.	1.4	10

#	Article	IF	Citations
217	A critical examination of evidence for a Quaternary glaciation in Mt. Laoshan, Eastern China. Journal of Asian Earth Sciences, 2011, 40, 403-416.	2.3	10
218	Zircon Uâ€“Pb ages, major and trace elements, and Hf isotope characteristics of the Tiantangzhai granites in the North Dabie orogen, Central China: tectonic implications. Geological Magazine, 2014, 151, 916-937.	1.5	10
219	The Early Palaeozoic megaâ€thrusting of the Gondwanaâ€derived Altayâ€“Lake zone in western Mongolia: Implications for the development of the Central Asian Orogenic Belt and Paleoâ€Asian Ocean evolution. Geological Journal, 2020, 55, 2129-2149.	1.3	10
220	New SIMS zircon U-Pb ages and oxygen isotope data for ophiolite nappes in the Eastern Desert of Egypt: Implications for Gondwana assembly. Gondwana Research, 2022, 105, 450-467.	6.0	10
221	Epilogue: What if Anything Have We Learned About Precambrian Ophiolites and Early Earth Processes?. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2004, , 727-737.	0.2	9
222	Lithospheric structure in the North China craton constrained from Gravity Field Model (EGM 2008). Journal of Earth Science (Wuhan, China), 2011, 22, 260-272.	3.2	9
223	Review of Lithospheric Destruction in the North China, North Atlantic, and Tanzanian Cratons. Journal of Geology, 2016, 124, 699-721.	1.4	9
224	Giant sheath-folded nappe stack demonstrates extreme subhorizontal shear strain in an Archean orogen. Geology, 2022, 50, 577-582.	4.4	9
225	Structural and U/Pb chronology of superimposed folds, Adirondack Mountains: implications for the tectonic evolution of the Grenville Province. Journal of Geodynamics, 2001, 32, 395-418.	1.6	8
226	Note on the paper by Guochun Zhao, Simon A. Wilde, Sanzhong Li, Min Sun, Matthew L. Grant and Xuping Li, 2007, â€œUâ€“Pb zircon age constraints on the Dongwanzi ultramaficâ€“mafic body, North China, confirm it is not an Archean ophioliteâ€• Earth and Planetary Science Letters, 2008, 273, 227-230.	4.4	8
227	New research progress on the pre-Sinian tectonic evolution and neotectonics of the Huangling anticline region, South China. Journal of Earth Science (Wuhan, China), 2012, 23, 639-647.	3.2	8
228	Geological features and deformational ages of the basal thrust belt of the miaowan ophiolite in the southern Huangling anticline and its tectonic implications. Journal of Earth Science (Wuhan, China), 2012, 23, 705-718.	3.2	8
229	Geometry and kinematics of the late Proterozoic Angavo Shear Zone, Central Madagascar: Implications for Gondwana Assembly. Tectonophysics, 2013, 592, 113-129.	2.2	8
230	Neoarchean seafloor hydrothermal metamorphism of basalts in the Zanhuang ophiolitic mÃ©lange, North China Craton. Precambrian Research, 2020, 347, 105832.	2.7	8
231	Mesozoic compressional to extensional tectonics in the Central East Iranian Microcontinent: evidence from the Boneh Shurow metamorphic core complex. Journal of the Geological Society, 2021, 178, .	2.1	8
232	Podiform chromitite genesis in an Archean juvenile forearc setting: The 2.55 Ga Zunhua chromitites, North China Craton. Lithos, 2021, 394-395, 106194.	1.4	8
233	Comment and Reply on â€œMultiple dikes in the Lower Kam Group, Yellowknife greenstone belt: Evidence for Archean sea-floor spreading?â€• Geology, 1987, 15, 280.	4.4	8
234	Density and viscosity changes between depleted and primordial mantle at â¼1000 km depth influence plume upwelling behavior. Earth and Planetary Science Letters, 2021, 576, 117213.	4.4	8

#	Article	IF	Citations
235	Ophiolites and ocean plate stratigraphy (OPS) preserved across the Central Mongolian Microcontinent: A new mega-archive of data for the tectonic evolution of the Paleo-Asian Ocean. Gondwana Research, 2022, 105, 51-83.	6.0	8
236	Tectonic implications of early silurian thrust imbrication of the northern exploits subzone, Central Newfoundland. Journal of Geodynamics, 1996, 22, 229-265.	1.6	7
237	Mapping of planation surfaces in the southwest region of Hubei Province, Chinaâ€"Using the DEM-derived painted relief model. Journal of Earth Science (Wuhan, China), 2012, 23, 719-730.	3.2	7
238	A Paleoproterozoic (Orosirian) Ophiolitic MÃ©lange, North Yangzte Craton. Acta Geologica Sinica, 2016, 90, 215-216.	1.4	7
239	From subduction initiation to hot subduction: Life of a Neoarchean subduction zone from the Dengfeng Greenstone Belt, North China Craton. Bulletin of the Geological Society of America, 2022, 134, 1277-1300.	3.3	7
240	Analysis of Seasat L-Band Radar Imagery of the West Bay-Indin Lake Fault System, Northwest Territories. Journal of Geology, 1993, 101, 623-632.	1.4	7
241	Strain analysis in rocks with pretectonic fabrics: Discussion. Journal of Structural Geology, 1988, 10, 529-530.	2.3	6
242	Ensialic origin for the Ngezi Group, Belingwe greenstone belt, Zimbabwe: Comment and Reply. Geology, 1994, 22, 766.	4.4	6
243	Mantle degassing related to changing redox and thermal conditions during the Precambrian supercontinent cycle. Precambrian Research, 2020, 350, 105895.	2.7	6
244	The evolving continents: understanding processes of continental growth â€“ introduction. Geological Society Special Publication, 2010, 338, 1-6.	1.3	5
245	Coulomb stress change pattern and aftershock distributions associated with a blind low-angle megathrust fault, Nepalese Himalaya. Tectonophysics, 2019, 767, 228161.	2.2	5
246	Comment and Reply on "Accretion of the Archean Slave province". Geology, 1989, 17, 963.	4.4	4
247	Geochronology and Geochemistry of the Kuwei Mafic Intrusion, Southern Margin of the Altai Mountains, Northern Xinjiang, Northwest China: Evidence for Distant Effects of the Indoâ€Eurasia Collision. Journal of Geology, 2008, 116, 119-133.	1.4	4
248	Dyke swarms: keys to paleogeographic reconstructions. Science Bulletin, 2016, 61, 1669-1671.	9.0	4
249	A Sheeted Dike Complex in the Protrozoic Miaowan Ophiolite Complex on the Northern Yangtze Craton: Recording Seafloor Spreading. Acta Geologica Sinica, 2016, 90, 201-201.	1.4	4
250	Depression morphology of Bayan Lake, Zavkhan province, Western Mongolia: implications for the origin of lake depression in Mongolia. Physical Geography, 2022, 43, 727-752.	1.4	4
251	Neoproterozoic tectonics of the Jiangnan orogen: The magmatic record of continental growth by arc and slab-failure magmatism from 1000 to 780ÂMa. Precambrian Research, 2021, 362, 106319.	2.7	4
252	On the role of dual active margin collision for exhuming the worldâ€™s largest ultrahigh pressure metamorphic belt. Journal of Earth Science (Wuhan, China), 2012, 23, 802-812.	3.2	3

#	Article	IF	Citations
253	Successor Characteristics of the Mesozoic and Cenozoic Songliao Basins. Acta Geologica Sinica, 2008, 82, 622-628.	1.4	2
254	Structural development of angular volcanic belts in the Archean Slave Province: Discussion. Canadian Journal of Earth Sciences, 1990, 27, 1783-1785.	1.3	1
255	Discovery of deep - level foreland thrust - fold structures in Taihang Mt. and its implication for early tectonic evolution of North China. Progress in Natural Science: Materials International, 2005, 15, 229-238.	4.4	1
256	Comments on â€œPaleoproterozoic arc-continent collision in the North China Craton: Evidence from the Zanhuang Complexâ€•by Li et al. (2016), Precambrian Research 286: 281â€“305. Precambrian Research, 2018, 304, 171-173.	2.7	1
257	Documentation of the Sirjan Orocline in the southeast Sanandaj-Sirjan Zone, Iran. Journal of Mountain Science, 2020, 17, 528-541.	2.0	1
258	Extreme sulfur isotope fractionation of hydrothermal auriferous pyrites from the SW fringe of the Taupo Volcanic Zone, New Zealand: Implications for epithermal gold exploration. Results in Geochemistry, 2021, 3, 100009.	0.8	1
259	A Brief History of Flooding and Flood Control Measures Along the Mississippi River Basin. , 0, , 31-41.		0
260	A Neoarchean Subduction Polarity Reversal Event in the North China Craton: Evidence from 2.5 Ga Mafic Dikes and Coeval Granites. Acta Geologica Sinica, 2016, 90, 200-200.	1.4	0
261	Ten years of research progress on the structure, Pâ€“T path and Fluidâ€“Melt evolution of the deeplyâ€subducted UHP continental crust in the Sulu belt. Acta Geologica Sinica, 2019, 93, 122-123.	1.4	0
262	Window on the Early Earth. Science, 2000, 288, 1590-1590.	12.6	0