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	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
2	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
3	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
4	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
5	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
6	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
7	Giant sheath-folded nappe stack demonstrates extreme subhorizontal shear strain in an Archean orogen. Geology, 2022, 50, 577-582.	4.4	9
8	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
9	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
10	Advanced land imager superiority in lithological classification utilizing machine learning algorithms. Arabian Journal of Geosciences, 2022, 15, .	1.3	11
11	Greece and Turkey Shaken by African tectonic retreat. Scientific Reports, 2021, 11, 6486.	3.3	19
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Density and viscosity changes between depleted and primordial mantle at â^¼1000 km depth influence plume upwelling behavior. Earth and Planetary Science Letters, 2021, 576, 117213.	4.4	8
20	Alpine-style nappes thrust over ancient North China continental margin demonstrate large Archean horizontal plate motions. Nature Communications, 2021, 12, 6172.	12.8	31
21	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
22	Mantle degassing related to changing redox and thermal conditions during the Precambrian supercontinent cycle. Precambrian Research, 2020, 350, 105895.	2.7	6
23	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
24	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
25	Early Mesozoic magmatism and tectonic evolution of the Qinling Orogen: Implications for oblique continental collision. Gondwana Research, 2020, 88, 296-332.	6.0	32
26	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
27	Plate tectonics in relation to mantle temperatures and metamorphic properties. Science China Earth Sciences, 2020, 63, 634-642.	5.2	19
28	Documentation of the Sirjan Orocline in the southeast Sanandaj-Sirjan Zone, Iran. Journal of Mountain Science, 2020, 17, 528-541.	2.0	1
29	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
30	Neoarchean seafloor hydrothermal metamorphism of basalts in the Zanhuang ophiolitic mÃ©lange, North China Craton. Precambrian Research, 2020, 347, 105832.	2.7	8
31	A Neoarchean arc-backarc pair in the Linshan Massif, southern North China Craton. Precambrian Research, 2020, 341, 105649.	2.7	15
32	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
33	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
34	Coulomb stress change pattern and aftershock distributions associated with a blind low-angle megathrust fault, Nepalese Himalaya. Tectonophysics, 2019, 767, 228161.	2.2	5
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	Neoproterozoic IAT intrusion into Mesoproterozoic MOR Miaowan Ophiolite, Yangtze Craton: Evidence for evolving tectonic settings. Precambrian Research, 2017, 289, 75-94.	2.7	62
64	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
65	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
66	Ancient Continental Lithosphere Dislocated Beneath Ocean Basins Along the Midâ€Lithosphere Discontinuity: A Hypothesis. Geophysical Research Letters, 2017, 44, 9253-9260.	4.0	15
67	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
68	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
69	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
70	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
71	A Paleoproterozoic (Orosirian) Ophiolitic MÃ©lange, North Yangzte Craton. Acta Geologica Sinica, 2016, 90, 215-216.	1.4	7
72	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

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73	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
74	Stress development in heterogenetic lithosphere: Insights into earthquake processes in the New Madrid Seismic Zone. Tectonophysics, 2016, 671, 56-62.	2.2	32
75	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
76	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
77	Dyke swarms: keys to paleogeographic reconstructions. Science Bulletin, 2016, 61, 1669-1671.	9.0	4
78	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
79	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
80	Lithosphere thinning induced by slab penetration into a hydrous mantle transition zone. Geophysical Research Letters, 2016, 43, 11,567.	4.0	30
81	Review of Lithospheric Destruction in the North China, North Atlantic, and Tanzanian Cratons. Journal of Geology, 2016, 124, 699-721.	1.4	9
82	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
83	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
84	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
85	Occurrence of gold in hydrothermal pyrite, western Taupo Volcanic Zone, New Zealand. Geodinamica Acta, 2016, 28, 185-198.	2.2	13
86	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
87	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
88	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
89	A Neoarchean subduction polarity reversal event in the North China Craton. Lithos, 2015, 220-223, 133-146.	1.4	53
90	Is the Ordos Basin floored by a trapped oceanic plateau?. Earth and Planetary Science Letters, 2015, 429, 197-204.	4.4	39

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91	Cenozoic evolution of the Tanâ€“Lu Fault Zone (East China)â€”Constraints from seismic data. Gondwana Research, 2015, 28, 1079-1095.	6.0	78
92	Continental flood basalts derived from the hydrous mantle transition zone. Nature Communications, 2015, 6, 7700.	12.8	112
93	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
94	Has the Yangtze craton lost its root? A comparison between the North China and Yangtze cratons. Tectonophysics, 2015, 655, 1-14.	2.2	55
95	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
96	Evolution of high-pressure mafic granulites and pelitic gneisses from NE Madagascar: Tectonic implications. Tectonophysics, 2015, 662, 219-242.	2.2	14
97	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
98	Partial melting of deeply subducted eclogite from the Sulu orogen in China. Nature Communications, 2014, 5, 5604.	12.8	132
99	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
100	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
101	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
102	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
103	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
104	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
105	Zircon Hf isotope of Yingfeng Rapakivi granites from the Quanji Massif and â¼2.7 Ga crustal growth. Journal of Earth Science (Wuhan, China), 2013, 24, 29-41.	3.2	29
106	An integrated approach for groundwater potential zoning in shallow fracture zone aquifers. International Journal of Remote Sensing, 2013, 34, 6539-6561.	2.9	20
107	A late Archean tectonic mÃ©lange in the Central Orogenic Belt, North China Craton. Tectonophysics, 2013, 608, 929-946.	2.2	91
108	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

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109	Detection of hydrothermal mineralized zones associated with listwaenites in Central Oman using ASTER data. Ore Geology Reviews, 2013, 53, 470-488.	2.7	68
110	Geometry and kinematics of the late Proterozoic Angavo Shear Zone, Central Madagascar: Implications for Gondwana Assembly. Tectonophysics, 2013, 592, 113-129.	2.2	8
111	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
112	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
113	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
114	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
115	Triassic shoshonitic dykes from the northern North China craton: petrogenesis and geodynamic significance. Geological Magazine, 2012, 149, 39-55.	1.5	20
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	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
124	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
125	Cryogenian ophiolite tectonics and metallogeny of the Central Eastern Desert of Egypt. International Geology Review, 2012, 54, 1870-1884.	2.1	53
126	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

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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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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