Peter A Cawood

List of Publications by Year
in descending order

345 papers	34,758 citations	3159 92 h-index	4015 176 g-index
361 all docs	361 docs citations	361 times ranked	8321 citing authors

#	Article	IF	Citations
1	Archean blocks and their boundaries in the North China Craton: lithological, geochemical, structural and Pâ€“T path constraints and tectonic evolution. Precambrian Research, 2001, 107, 45-73.	2.7	1,657
2	Review of global 2.1â€“1.8 Ga orogens: implications for a pre-Rodinia supercontinent. Earth-Science Reviews, 2002, 59, 125-162.	9.1	1,388
3	Precambrian geology of China. Precambrian Research, 2012, 222-223, 13-54.	2.7	1,241
4	Detrital zircon record and tectonic setting. Geology, 2012, 40, 875-878.	4.4	1,038
5	Amalgamation of the North China Craton: Key issues and discussion. Precambrian Research, 2012, 222-223, 55-76.	2.7	806
6	Accretionary orogens through Earth history. Geological Society Special Publication, 2009, 318, 1-36.	1.3	719
7	A Change in the Geodynamics of Continental Growth 3 Billion Years Ago. Science, 2012, 335, 1334-1336.	12.6	707
8	The generation and evolution of the continental crust. Journal of the Geological Society, 2010, 167, 229-248.	2.1	650
9	Terra Australis Orogen: Rodinia breakup and development of the Pacific and Iapetus margins of Gondwana during the Neoproterozoic and Paleozoic. Earth-Science Reviews, 2005, 69, 249-279.	9.1	635
10	Metamorphism of basement rocks in the Central Zone of the North China Craton: implications for Paleoproterozoic tectonic evolution. Precambrian Research, 2000, 103, 55-88.	2.7	566
11	Linking accretionary orogenesis with supercontinent assembly. Earth-Science Reviews, 2007, 82, 217-256.	9.1	562
12	Thermal Evolution of Archean Basement Rocks from the Eastern Part of the North China Craton and Its Bearing on Tectonic Setting. International Geology Review, 1998, 40, 706-721.	2.1	557
13	Locating South China in Rodinia and Gondwana: A fragment of greater India lithosphere?. Geology, 2013, 41, 903-906.	4.4	529
14	The continental record and the generation of continental crust. Bulletin of the Geological Society of America, 2013, 125, 14-32.	3.3	484
15	Assembly of the Lhasa and Qiangtang terranes in central Tibet by divergent double subduction. Lithos, 2016, 245, 7-17.	1.4	432
16	High-Pressure Granulites (Retrograded Eclogites) from the Hengshan Complex, North China Craton: Petrology and Tectonic Implications. Journal of Petrology, 2001, 42, 1141-1170.	2.8	417
17	Early Palaeozoic orogenesis along the Indian margin of Gondwana: Tectonic response to Gondwana assembly. Earth and Planetary Science Letters, 2007, 255, 70-84.	4.4	417
18	Single zircon grains record two Paleoproterozoic collisional events in the North China Craton. Precambrian Research, 2010, 177, 266-276.	2.7	414

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19	SHRIMP U-Pb zircon ages of the Fuping Complex: Implications for Late Archean to Paleoproterozoic accretion and assembly of the North China Craton. Numerische Mathematik, 2002, 302, 191-226.	1.4	400
20	Opening Iapetus: Constraints from the Laurentian margin in Newfoundland. Bulletin of the Geological Society of America, 2001, 113, 443-453.	3.3	369
21	Reconstructing South China in Phanerozoic and Precambrian supercontinents. Earth-Science Reviews, 2018, 186, 173-194.	9.1	364
22	Tectonic setting of the South China Block in the early Paleozoic: Resolving intracontinental and ocean closure models from detrital zircon U-Pb geochronology. Tectonics, 2010, 29, n/a-n/a.	2.8	345
23	When Continents Formed. Science, 2011, 331, 154-155.	12.6	324
24	A Matter of Preservation. Science, 2009, 323, 49-50.	12.6	319
25	Magmatic record of India-Asia collision. Scientific Reports, 2015, 5, 14289.	3.3	316
26	Linking collisional and accretionary orogens during Rodinia assembly and breakup: Implications for models of supercontinent cycles. Earth and Planetary Science Letters, 2016, 449, 118-126.	4.4	316
27	Sedimentary basin and detrital zircon record along East Laurentia and Baltica during assembly and breakup of Rodinia. Journal of the Geological Society, 2007, 164, 257-275.	2.1	292
28	Tectonothermal history of the basement rocks in the western zone of the North China Craton and its tectonic implications. Tectonophysics, 1999, 310, 37-53.	2.2	290
29	Granitoid evolution in the Late Archean Wutai Complex, North China Craton. Journal of Asian Earth Sciences, 2005, 24, 597-613.	2.3	286
30	Assembling Australia: Proterozoic building of a continent. Precambrian Research, 2008, 166, 1-35.	2.7	284
31	Provenance record of a rift basin: U/Pb ages of detrital zircons from the Perth Basin, Western Australia. Sedimentary Geology, 2000, 134, 209-234.	2.1	270
32	Early Paleozoic and Early Mesozoic intraplate tectonic and magmatic events in the Cathaysia Block, South China. Tectonics, 2015, 34, 1600-1621.	2.8	262
33	Precambrian plate tectonics: Criteria and evidence. GSA Today, 2006, 16, 4.	2.0	249
34	Tectonics and crustal evolution. GSA Today, 2016, 26, 4-11.	2.0	246
35	Thermal evolution of two textural types of mafic granulites in the North China craton: evidence for both mantle plume and collisional tectonics. Geological Magazine, 1999, 136, 223-240.	1.5	236
36	Closure of the East Paleotethyan Ocean and amalgamation of the Eastern Cimmerian and Southeast Asia continental fragments. Earth-Science Reviews, 2018, 186, 195-230.	9.1	231

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37	Geological archive of the onset of plate tectonics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170405.	3.4	227
38	Geochronological, geochemical and Ndâ€“Hfâ€“Os isotopic fingerprinting of an early Neoproterozoic arcâ€“back-arc system in South China and its accretionary assembly along the margin of Rodinia. Precambrian Research, 2013, 231, 343-371.	2.7	218
39	Linking source and sedimentary basin: Detrital zircon record of sediment flux along a modern river system and implications for provenance studies. Earth and Planetary Science Letters, 2003, 210, 259-268.	4.4	202
40	Neoproterozoic orogeny along the margin of Rodinia: Valhalla orogen, North Atlantic. Geology, 2010, 38, 99-102.	4.4	199
41	Petrology and P-T path of the Fuping mafic granulites: implications for tectonic evolution of the central zone of the North China craton. Journal of Metamorphic Geology, 2000, 18, 375-391.	3.4	195
42	Srâ€“Ndâ€“Pb isotopic constraints on multiple mantle domains for Mesozoic mafic rocks beneath the South China Block hinterland. Lithos, 2008, 106, 297-308.	1.4	189
43	Assembling and reactivating the Proterozoic Capricorn Orogen: lithotectonic elements, orogenies, and significance. Precambrian Research, 2004, 128, 201-218.	2.7	186
44	Jiangnan Orogen, South China: A ~970â€“820â€¯Ma Rodinia margin accretionary belt. Earth-Science Reviews, 2019, 196, 102872.	9.1	186
45	Earthâ€™s middle age. Geology, 2014, 42, 503-506.	4.4	182
46	Earth's Continental Lithosphere Through Time. Annual Review of Earth and Planetary Sciences, 2017, 45, 169-198.	11.0	182
47	Raising the Gangdese Mountains in southern Tibet. Journal of Geophysical Research: Solid Earth, 2017, 122, 214-223.	3.4	178
48	Large Igneous Province and magmatic arc sourced Permianâ€“Triassic volcanogenic sediments in China. Sedimentary Geology, 2012, 261-262, 120-131.	2.1	174
49	Paleogeographic development of the east Laurentian margin: Constraints from U-Pb dating of detrital zircons in the Newfoundland Appalachians. Bulletin of the Geological Society of America, 2001, 113, 1234-1246.	3.3	172
50	Geochemical, Sr-Nd-Pb, and Zircon Hf-O Isotopic Compositions of Eocene-Oligocene Shoshonitic and Potassic Adakite-like Felsic Intrusions in Western Yunnan, SW China: Petrogenesis and Tectonic Implications. Journal of Petrology, 2013, 54, 1309-1348.	2.8	170
51	Petrology and Pâ€“T history of the Wutai amphibolites: implications for tectonic evolution of the Wutai Complex, China. Precambrian Research, 1999, 93, 181-199.	2.7	168
52	Tarim and North China cratons linked to northern Gondwana through switching accretionary tectonics and collisional orogenesis. Geology, 2016, 44, 95-98.	4.4	167
53	Geology and timing of mineralization at the Cangshang gold deposit, north-western Jiaodong Peninsula, China. Mineralium Deposita, 2003, 38, 141-153.	4.1	158
54	Source of the Dalradian Supergroup constrained by Uâ€“Pb dating of detrital zircon and implications for the East Laurentian margin. Journal of the Geological Society, 2003, 160, 231-246.	2.1	152

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55	Triassic collision in the Paleo-Tethys Ocean constrained by volcanic activity in SW China. Lithos, 2012, 144-145, 145-160.	1.4	145
56	Petrogenesis of early Paleozoic peraluminous granite in the Sibumasu Block of SW Yunnan and diachronous accretionary orogenesis along the northern margin of Gondwana. Lithos, 2013, 182-183, 67-85.	1.4	144
57	Intracontinental Eocene-Oligocene Porphyry Cu Mineral Systems of Yunnan, Western Yangtze Craton, China: Compositional Characteristics, Sources, and Implications for Continental Collision Metallogeny. Economic Geology, 2013, 108, 1541-1576.	3.8	144
58	Rates of generation and growth of the continental crust. Geoscience Frontiers, 2019, 10, 165-173.	8.4	143
59	Paleoproterozoic magmatic and metamorphic events link Yangtze to northwest Laurentia in the Nuna supercontinent. Earth and Planetary Science Letters, 2016, 433, 269-279.	4.4	138
60	Continental growth and the crustal record. Tectonophysics, 2013, 609, 651-660.	2.2	135
61	Contrasting modes of supercontinent formation and the conundrum of Pangea. Gondwana Research, 2009, 15, 408-420.	6.0	133
62	Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	131
63	Discordance of the Uâ€“Pb system in detrital zircons: Implication for provenance studies of sedimentary rocks. Sedimentary Geology, 2005, 182, 143-162.	2.1	130
64	Composition of back-arc basin volcanics, Valu Fa Ridge, Lau Basin: Evidence for a slab-derived component in their mantle source. Journal of Volcanology and Geothermal Research, 1987, 32, 209-222.	2.1	129
65	Detrital record of Indosinian mountain building in SW China: Provenance of the Middle Triassic turbidites in the Youjiang Basin. Tectonophysics, 2012, 574-575, 105-117.	2.2	128
66	Orogenesis without collision: Stabilizing the Terra Australis accretionary orogen, eastern Australia. Bulletin of the Geological Society of America, 2011, 123, 2240-2255.	3.3	125
67	Laurentia-Baltica-Amazonia relations during Rodinia assembly. Precambrian Research, 2017, 292, 386-397.	2.7	122
68	Zircon SHRIMP Uâ€“Pb geochronology of potassic felsic intrusions in western Yunnan, SW China: Constraints on the relationship of magmatism to the Jinsha suture. Gondwana Research, 2012, 22, 737-747.	6.0	121
69	U/Pb dating of detrital zircons: Implications for the provenance record of Gondwana margin terranes. Bulletin of the Geological Society of America, 1999, 111, 1107-1119.	3.3	119
70	Indosinian highâ€strain deformation for the Yunkaidashan tectonic belt, south China: Kinematics and ⁴⁰Ar/³⁹Ar geochronological constraints. Tectonics, 2007, 26, .	2.8	119
71	Linking south China to northern Australia and India on the margin of Gondwana: Constraints from detrital zircon U-Pb and Hf isotopes in Cambrian strata. Tectonics, 2013, 32, 1547-1558.	2.8	117
72	Generation and preservation of continental crust in the Grenville Orogeny. Geoscience Frontiers, 2015, 6, 357-372.	8.4	117

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73	Deconstructing South China and consequences for reconstructing Nuna and Rodinia. Earth-Science Reviews, 2020, 204, 103169.	9.1	115
74	Laurentian provenance and an intracratonic tectonic setting for the Moine Supergroup, Scotland, constrained by detrital zircons from the Loch Eil and Glen Urquhart successions. Journal of the Geological Society, 2004, 161, 861-874.	2.1	114
75	Record of Tethyan ocean closure and Indosinian collision along the Ailaoshan suture zone (SW) Tj ETQq1 1 0.784314 rgBT /Overlock	6.0	113
76	Petrogenesis of Early to Middle Jurassic granitoid rocks from the Gangdese belt, Southern Tibet: Implications for early history of the Neo-Tethys. Lithos, 2013, 179, 320-333.	1.4	112
77	Late Permian-Triassic magmatic evolution in the Jinshajiang orogenic belt, SW China and implications for orogenic processes following closure of the Paleo-Tethys. Numerische Mathematik, 2013, 313, 81-112.	1.4	112
78	Proterozoic onset of crustal reworking and collisional tectonics: Reappraisal of the zircon oxygen isotope record. Geology, 2014, 42, 451-454.	4.4	110
79	Gangdese magmatism in southern Tibet and Indiaâ€“Asia convergence since 120 Ma. Geological Society Special Publication, 2019, 483, 583-604.	1.3	110
80	An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. Earth and Planetary Science Letters, 2018, 490, 170-179.	4.4	109
81	Was Baltica right-way-up or upside-down in the Neoproterozoic?. Journal of the Geological Society, 2006, 163, 753-759.	2.1	107
82	Metallogeny of accretionary orogens â€" The connection between lithospheric processes and metal endowment. Ore Geology Reviews, 2009, 36, 282-292.	2.7	106
83	Subalkaline andesite from Valu Fa Ridge, a back-arc spreading center in southern Lau Basin: petrogenesis, comparative chemistry, and tectonic implications. Chemical Geology, 1991, 91, 227-256.	3.3	103
84	Mercury anomalies across the end Permian mass extinction in South China from shallow and deep water depositional environments. Earth and Planetary Science Letters, 2018, 496, 159-167.	4.4	103
85	Contrasting rift and subductionâ€related plagiogranites in the Jinshajiang ophiolitic mÃ©lange, southwest China, and implications for the Paleoâ€Tethys. Tectonics, 2012, 31, .	2.8	102
86	Late Neoarchean subduction-related crustal growth in the Northern Liaoning region of the North China Craton: Evidence from â¼2.55 to 2.50 Ga granitoid gneisses. Precambrian Research, 2016, 281, 200-223.	2.7	102
87	Modal composition and detrital clinopyroxene geochemistry of lithic sandstones from the New England Fold Belt (east Australia): A Paleozoic forearc terrane. Bulletin of the Geological Society of America, 1983, 94, 1199.	3.3	101
88	Generation and obduction of ophiolites: Constraints from the Bay of Islands Complex, western Newfoundland. Tectonics, 1992, 11, 884-897.	2.8	100
89	Short episodes of crust generation during protracted accretionary processes: Evidence from Central Asian Orogenic Belt, NW China. Earth and Planetary Science Letters, 2017, 464, 142-154.	4.4	98
90	Closure of the Clymene Ocean and formation of West Gondwana in the Cambrian: Evidence from the Sierras Australes of the southernmost Rio de la Plata craton, Argentina. Gondwana Research, 2012, 21, 394-405.	6.0	95

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91	Neoproterozoic subduction along the Ailaoshan zone, South China: Geochronological and geochemical evidence from amphibolite. Precambrian Research, 2014, 245, 13-28.	2.7	95
92	The Evolution of the Continental Crust and the Onset of Plate Tectonics. Frontiers in Earth Science, 2020, 8, .	1.8	95
93	Detrital zircon record of continental collision: Assembly of the Qilian Orogen, China. Sedimentary Geology, 2010, 230, 35-45.	2.1	94
94	Late Neoproterozoic and Early Cambrian palaeogeography: models and problems. Geological Society Special Publication, 2008, 294, 9-31.	1.3	92
95	Intraplate orogenesis in response to Gondwana assembly: Kwangsian Orogeny, South China. Numerische Mathematik, 2016, 316, 329-362.	1.4	91
96	Unraveling the New England orocline, east Gondwana accretionary margin. Tectonics, 2011, 30, .	2.8	90
97	Lowâ€Ť¹⁸O Rhyolites From the Malani Igneous Suite: A Positive Test for South China and NW India Linkage in Rodinia. Geophysical Research Letters, 2017, 44, 10,298.	4.0	90
98	Uâ€“Pb detrital zircon ages and Smâ€“Nd isotopic features in low-grade metasedimentary rocks of the Famatina belt: implications for late Neoproterozoicâ€“early Palaeozoic evolution of the proto-Andean margin of Gondwana. Journal of the Geological Society, 2009, 166, 303-319.	2.1	89
99	Provenance record of Laurentian passive-margin strata in the northern Caledonides: Implications for paleodrainage and paleogeography. Bulletin of the Geological Society of America, 2007, 119, 993-1003.	3.3	87
100	Timing of peak metamorphism and deformation along the Appalachian margin of Laurentia in Newfoundland: Silurian, not Ordovician. Geology, 1994, 22, 399.	4.4	86
101	Not all supercontinents are created equal: Gondwana-Rodinia case study. Geology, 2013, 41, 795-798.	4.4	81
102	Continental growth seen through the sedimentary record. Sedimentary Geology, 2017, 357, 16-32.	2.1	81
103	Early Paleozoic orogenesis along Gondwana's northern margin constrained by provenance data from South China. Tectonophysics, 2014, 636, 40-51.	2.2	79
104	Delineating and characterizing the boundary of the Cathaysia Block and the Jiangnan orogenic belt in South China. Precambrian Research, 2016, 275, 265-277.	2.7	79
105	SHRIMP U-Pb zircon dating of granites and gneisses in the taihangshan-wutaishan area: Implications for the timing of crustal growth in the North China Craton. Science Bulletin, 1998, 43, 144-144.	1.7	78
106	The tectonic and metallogenic framework of Myanmar: A Tethyan mineral system. Ore Geology Reviews, 2016, 79, 26-45.	2.7	78
107	Zircon Uâ€“Pb age and Hf isotope evidence for an Eoarchaean crustal remnant and episodic crustal reworking in response to supercontinent cycles in NW India. Journal of the Geological Society, 2017, 174, 759-772.	2.1	78
108	Building Southeast China in the late Mesozoic: Insights from alternating episodes of shortening and extension along the Lianhuashan fault zone. Earth-Science Reviews, 2020, 201, 103056.	9.1	78

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109	Structural Relations in the Subduction Complex of the Paleozoic New England Fold Belt, Eastern Australia. Journal of Geology, 1982, 90, 381-392.	1.4	77
110	Global continental weathering trends across the Early Permian glacial to postglacial transition: Correlating high- and low-paleolatitude sedimentary records. Geology, 2014, 42, 835-838.	4.4	76
111	Geochronological constraints on the age of a Permoâ€“Triassic impact event: Uâ€“Pb and 40Ar/39Ar results for the 40km Araguainha structure of central Brazil. Geochimica Et Cosmochimica Acta, 2012, 86, 214-227.	3.9	74
112	One or Two Early Cretaceous Arc Systems in the Lhasa Terrane, Southern Tibet. Journal of Geophysical Research: Solid Earth, 2018, 123, 3391-3413.	3.4	74
113	When crust comes of age: on the chemical evolution of Archaean, felsic continental crust by crustal drip tectonics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20180103.	3.4	74
114	Determining Precambrian crustal evolution in China: a case-study from Wutaishan, Shanxi Province, demonstrating the application of precise SHRIMP U-Pb geochronology. Geological Society Special Publication, 2004, 226, 5-25.	1.3	73
115	Evolution of the Appalachian Laurentian margin: Lithoprobe results in western Newfoundland. Canadian Journal of Earth Sciences, 1998, 35, 1271-1287.	1.3	72
116	Terminal suturing of Gondwana along the southern margin of South China Craton: Evidence from detrital zircon U-Pb ages and Hf isotopes in Cambrian and Ordovician strata, Hainan Island. Tectonics, 2014, 33, 2490-2504.	2.8	72
117	Global mercury cycle during the end-Permian mass extinction and subsequent Early Triassic recovery. Earth and Planetary Science Letters, 2019, 513, 144-155.	4.4	72
118	Late Paleozoic to Early Mesozoic provenance record of Paleoâ€Pacific subduction beneath South China. Tectonics, 2015, 34, 986-1008.	2.8	70
119	Geochronological, elemental and Sr-Nd-Hf-O isotopic constraints on the petrogenesis of the Triassic post-collisional granitic rocks in NW Thailand and its Paleotethyan implications. Lithos, 2016, 266-267, 264-286.	1.4	70
120	Provenance record of a foreland basin: Detrital zircon Uâ€“Pb ages from Devonian strata in the North Qilian Orogenic Belt, China. Tectonophysics, 2010, 495, 337-347.	2.2	69
121	Neoproterozoic crustal growth of the Southern Yangtze Block: Geochemical and zircon Uâ€“Pb geochronological and Lu-Hf isotopic evidence of Neoproterozoic diorite from the Ailaoshan zone. Precambrian Research, 2015, 266, 137-149.	2.7	68
122	Gondwana's interlinked peripheral orogens. Earth and Planetary Science Letters, 2021, 568, 117057.	4.4	68
123	From sediments to their source rocks: Hf and Nd isotopes in recent river sediments. Geology, 2011, 39, 407-410.	4.4	65
124	Continental crustal volume, thickness and area, and their geodynamic implications. Gondwana Research, 2019, 66, 116-125.	6.0	64
125	Structural styles in the Perth Basin associated with the Mesozoic break-up of Greater India and Australia. Tectonophysics, 2000, 317, 55-72.	2.2	62
126	Permianâ€Jurassic strata at Productus Creek, Southland, New Zealand: Implications for terrane dynamics of the eastern Gondwanaland margin. New Zealand Journal of Geology, and Geophysics, 1999, 42, 255-278.	1.8	61

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127	Detrital zircon geochronology of the Grenville/Llano foreland and basal Sauk Sequence in west Texas, USA. Bulletin of the Geological Society of America, 2014, 126, 1117-1128.	3.3	61
128	Voluminous silicic eruptions during late Permian Emeishan igneous province and link to climate cooling. Earth and Planetary Science Letters, 2015, 432, 166-175.	4.4	60
129	Mantle influx compensates crustal thinning beneath the Cathaysia Block, South China: Evidence from SINOPROBE reflection profiling. Earth and Planetary Science Letters, 2020, 544, 116360.	4.4	60
130	Silurian collisional suturing onto the southern margin of the North China craton: Detrital zircon geochronology constraints from the Qilian Orogen. Sedimentary Geology, 2009, 220, 95-104.	2.1	59
131	Early Wuchiapingian cooling linked to Emeishan basaltic weathering?. Earth and Planetary Science Letters, 2018, 492, 102-111.	4.4	58
132	No collision between Eastern and Western Gondwana at their northern extent. Geology, 2019, 47, 308-312.	4.4	58
133	Geochemistry of Paleoproterozoic (â^¼1770Ma) mafic dikes from the Trans-North China Orogen and tectonic implications. Journal of Asian Earth Sciences, 2008, 33, 61-77.	2.3	57
134	Temporal relations between mineral deposits and global tectonic cycles. Geological Society Special Publication, 2015, 393, 9-21.	1.3	56
135	Extensive crustal extraction in Earthâ€™s early history inferred from molybdenum isotopes. Nature Geoscience, 2019, 12, 946-951.	12.9	55
136	Provenance of Late Permian volcanic ash beds in South China: Implications for the age of Emeishan volcanism and its linkage to climate cooling. Lithos, 2018, 314-315, 293-306.	1.4	54
137	U-Pb geochronology and geochemistry of the Dashibao Basalts in the Songpan-Ganzi Terrane, SW China, with implications for the age of Emeishan volcanism. Numerische Mathematik, 2010, 310, 1054-1080.	1.4	53
138	Neoproterozoic to early Paleozoic extensional and compressional history of East Laurentian margin sequences: The Moine Supergroup, Scottish Caledonides. Bulletin of the Geological Society of America, 2015, 127, 349-371.	3.3	53
139	Eocene magmatic processes and crustal thickening in southern Tibet: Insights from strongly fractionated ca. 43Ma granites in the western Gangdese Batholith. Lithos, 2015, 239, 128-141.	1.4	52
140	Evolving passive- and active-margin tectonics of the Paleoproterozoic Aravalli Basin, NW India. Bulletin of the Geological Society of America, 2019, 131, 426-443.	3.3	52
141	Fragmentation of South China from greater India during the Rodinia-Gondwana transition. Geology, 2021, 49, 228-232.	4.4	52
142	Anticlockwise P-T evolution at â^¼280Ma recorded from ultrahigh-temperature metapelitic granulite in the Chinese Altai orogenic belt, a possible link with the Tarim mantle plume?. Journal of Asian Earth Sciences, 2014, 94, 1-11.	2.3	51
143	Silicic ash beds bracket Emeishan Large Igneous province to < 1 m.y. at ~ 260 Ma. Lithos, 2016, 264, 17-27.	1.4	51
144	Reconstructing Early Permian tropical climates from chemical weathering indices. Bulletin of the Geological Society of America, 2016, 128, 739-751.	3.3	51

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145	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
146	The development of the SW Pacific Margin of Gondwana: Correlations between the Rangitata and New England Orogens. Tectonics, 1984, 3, 539-553.	2.8	50
147	Provenance record of the Jack Hills metasedimentary belt: Source of the Earth's oldest zircons. Precambrian Research, 2005, 138, 235-254.	2.7	50
148	The South American ancestry of the North Patagonian Massif: geochronological evidence for an autochthonous origin?. Terra Nova, 2013, 25, 337-342.	2.1	50
149	Peel-back controlled lithospheric convergence explains the secular transitions in Archean metamorphism and magmatism. Earth and Planetary Science Letters, 2020, 538, 116224.	4.4	49
150	Thermo-mechanical controls of flat subduction: Insights from numerical modeling. Gondwana Research, 2016, 40, 170-183.	6.0	48
151	Two-stage terrane assembly in Western Gondwana: Insights from structural geology and geophysical data of central Borborema Province, NE Brazil. Journal of Structural Geology, 2017, 103, 167-184.	2.3	46
152	Rates of generation and destruction of the continental crust: implications for continental growth. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170403.	3.4	46
153	Highly Refractory Peridotites on Macquarie Island and the Case for Anciently Depleted Domains in the Earthâ€™s Mantle. Journal of Petrology, 2010, 51, 469-493.	2.8	45
154	Detrital records for Upper Permian-Lower Triassic succession in the Shiwandashan Basin, South China and implication for Permo-Triassic (Indosinian) orogeny. Journal of Asian Earth Sciences, 2015, 98, 152-166.	2.3	45
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