

# Peter A Cawood

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

335  
papers

26,403  
citations

82  
h-index

155  
g-index

361  
ext. papers

30,415  
ext. citations

4.6  
avg. IF

7.55  
L-index

#	Paper	IF	Citations
335	Jurassic subduction of the Paleo-Pacific plate in Southeast Asia: New insights from the igneous and sedimentary rocks in West Borneo. <i>Journal of Asian Earth Sciences</i> , <b>2022</b> , 105111	2.8	1
334	Testing the advantages of simultaneous in-situ Sm Nd, U Pb and elemental analysis of igneous monazite for petrochronological studies. An example from the late Archean, Penzance granite, Western Australia. <i>Chemical Geology</i> , <b>2022</b> , 594, 120760	4.2	
333	Untangling the history of oroclines and mountain belts.. <i>National Science Review</i> , <b>2022</b> , 9, nwab211	10.8	0
332	Cretaceous Tethyan subduction in SE Borneo: Geochronological and geochemical constraints from the igneous rocks in the Meratus Complex. <i>Journal of Asian Earth Sciences</i> , <b>2022</b> , 226, 105084	2.8	1
331	Forging isotopically juvenile metamorphic zircon from and within Archean TTG gneiss: Whole-rock Sr-Nd-Pb and zircon U-Pb-Hf-REE constraints. <i>Chemical Geology</i> , <b>2022</b> , 590, 120710	4.2	1
330	Setting and formation of the earliest Neoproterozoic rifted arc Pingshui VMS deposit, South China. <i>Precambrian Research</i> , <b>2022</b> , 369, 106548	3.9	2
329	Anomalous weathering trends indicate accelerated erosion of tropical basaltic landscapes during the Permo-Triassic warming. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 577, 117256	5.3	1
328	Early Cretaceous subduction in NW Kalimantan: Geochronological and geochemical constraints from the Raya and Mensibau igneous rocks. <i>Gondwana Research</i> , <b>2022</b> , 101, 243-256	5.1	3
327	Strain Partitioning along Terrane Bounding and Intraterrane Shear Zones: Constraints from a Long-Lived Transpressional System in West Gondwana (Ribeira Belt, Brazil). <i>Lithosphere</i> , <b>2022</b> , 2021,	2.7	1
326	Make subductions diverse again. <i>Earth-Science Reviews</i> , <b>2022</b> , 226, 103966	10.2	2
325	Deformation, thermochronology and tectonic significance of the crustal-scale Cubatã Shear Zone, Ribeira Belt, Brazil. <i>Tectonophysics</i> , <b>2022</b> , 828, 229278	3.1	0
324	Ordovician amphibolite-facies metamorphism in Hainan Island: A record of early Paleozoic accretionary orogenesis along the northern margin of East Gondwana?. <i>Journal of Asian Earth Sciences</i> , <b>2022</b> , 229, 105161	2.8	0
323	Coexisting diverse P-T paths during Neoproterozoic subduction: Insights from numerical modeling and applications to the eastern North China Craton. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 586, 117529	5.3	2
322	Magmatic thickening of crust in non-plate tectonic settings initiated the subaerial rise of Earth's first continents 3.3 to 3.2 billion years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
321	Zircon U-Pb age, trace element, and Hf isotopic constrains on the origin and evolution of the Emeishan Large Igneous Province. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	1
320	Hf isotopic ratios in zircon reveal processes of anatexis and pluton construction. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 576, 117215	5.3	5
319	In situ geochemical composition of apatite in granitoids from the eastern Central Asian Orogenic Belt: A window into petrogenesis. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> ,	5.5	2

318	Unravelling depositional setting, age and provenance of the Simlipal volcano-sedimentary complex, Singhbhum craton: Evidence for Hadean crust and Mesoarchean marginal marine sedimentation. <i>Precambrian Research</i> , <b>2021</b> , 354, 106038	3.9	8
317	Archean trondhjemitic crust at depth in Yangtze Craton: Evidence from TTG xenolith in mafic dyke and apatite inclusion pressure in zircon. <i>Precambrian Research</i> , <b>2021</b> , 354, 106055	3.9	3
316	Using zircon in mafic migmatites to disentangle complex high-grade gneiss terrains □ Terrane spotting in the Lewisian complex, NW Scotland. <i>Precambrian Research</i> , <b>2021</b> , 355, 106074	3.9	3
315	Prototethyan Accretionary Orogenesis Along the East Gondwana Periphery: New Insights From the Early Paleozoic Igneous and Sedimentary Rocks in the Sibumasu. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009622	3.6	7
314	Was there an exchange of detritus between the northern and southern Black Sea terranes in the Mesozoic-early Cenozoic?. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	2
313	Thermal state and evolving geodynamic regimes of the Meso- to Neoproterozoic North China Craton. <i>Nature Communications</i> , <b>2021</b> , 12, 3888	17.4	7
312	Crustal rejuvenation stabilised Earth's first cratons. <i>Nature Communications</i> , <b>2021</b> , 12, 3535	17.4	10
311	Mariana-type ophiolites constrain the establishment of modern plate tectonic regime during Gondwana assembly. <i>Nature Communications</i> , <b>2021</b> , 12, 4189	17.4	7
310	The chondritic neodymium stable isotope composition of the Earth inferred from mid-ocean ridge, ocean island and arc basalts. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 293, 575-597	5.5	1
309	Fragmentation of South China from greater India during the Rodinia-Gondwana transition. <i>Geology</i> , <b>2021</b> , 49, 228-232	5	18
308	Cenozoic retrogression and exhumation of the amphibolites in the eastern Gangdese Belt, SW China. <i>Journal of Asian Earth Sciences</i> , <b>2021</b> , 205, 104574	2.8	2
307	Subduction-related mantle metasomatism and partial melting in the northern North China Craton: Insights from amphibolite enclaves, Siziwangqi, Inner Mongolia. <i>Precambrian Research</i> , <b>2021</b> , 355, 106002 <sup>3.9</sup>		
306	Integrated detrital rutile and zircon provenance reveals multiple sources for Cambrian sandstones in North Gondwana. <i>Earth-Science Reviews</i> , <b>2021</b> , 213, 103462	10.2	7
305	Triassic two-stage intra-continental orogenesis of the South China Block, driven by Paleotethyan closure and interactions with adjoining blocks. <i>Journal of Asian Earth Sciences</i> , <b>2021</b> , 206, 104648	2.8	2
304	Early Paleozoic accretionary orogenesis in the northeastern Indochina and implications for the paleogeography of East Gondwana: constraints from igneous and sedimentary rocks. <i>Lithos</i> , <b>2021</b> , 382-383, 105921	2.9	7
303	Implications for supercontinent reconstructions of mid-late Neoproterozoic volcanic □ Sedimentary rocks from the Cathaysia Block, South China. <i>Precambrian Research</i> , <b>2021</b> , 354, 106056	3.9	2
302	Isotopic and geochemical constraints for a Paleoproterozoic accretionary orogen in the Borborema Province, NE Brazil: Implications for reconstructing Nuna/Columbia. <i>Geoscience Frontiers</i> , <b>2021</b> , 101167	6	3
301	Middle Neoproterozoic (ca. 700 Ma) tectonothermal events in the Lhasa terrane, Tibet: Implications for paleogeography. <i>Gondwana Research</i> , <b>2021</b> ,	5.1	2

300	Cambrian magmatic flare-up, central Tibet: Magma mixing in proto-Tethyan arc along north Gondwanan margin. <i>Bulletin of the Geological Society of America</i> , <b>2021</b> , 133, 2171-2188	3.9	6
299	Understanding earthquakes using the geological record: an introduction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2021</b> , 379, 20190410	3	0
298	An Early Garnet Redox-Filter as an Additive Oxidizer in Lower Continental Arc Crust Traced Through Fe Isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2020JB021217	3.6	1
297	Gondwana's interlinked peripheral orogens. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 568, 117057	5.3	15
296	Resolving the Paleogeographic Puzzle of the Lhasa Terrane in Southern Tibet. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL094236	4.9	3
295	Detrital rutile tracks the first appearance of subduction zone low T/P paired metamorphism in the Palaeoproterozoic. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 570, 117069	5.3	2
294	Petrochronological constraints and tectonic implications of Tonian metamorphism in the Embu Complex, Ribeira Belt, Brazil. <i>Precambrian Research</i> , <b>2021</b> , 363, 106315	3.9	1
293	A Forearc Stratigraphic Response to Cretaceous Plateau Collision and Slab Detachment, South Island, New Zealand. <i>Tectonics</i> , <b>2021</b> , 40, e2021TC006806	4.3	1
292	Marine productivity variations and environmental perturbations across the early Triassic Smithian-Spathian boundary: Insights from zinc and carbon isotopes. <i>Global and Planetary Change</i> , <b>2021</b> , 205, 103579	4.2	0
291	Southern extension of the Paleotethyan zone in SE Asia: Evidence from the Permo-Triassic granitoids in Malaysia and West Indonesia. <i>Lithos</i> , <b>2021</b> , 398-399, 106336	2.9	3
290	Characteristics of Hg concentrations and isotopes in terrestrial and marine facies across the end-Permian mass extinction. <i>Global and Planetary Change</i> , <b>2021</b> , 205, 103592	4.2	1
289	Cretaceous Kuching accretionary orogenesis in Malaysia Sarawak: Geochronological and geochemical constraints from mafic and sedimentary rocks. <i>Lithos</i> , <b>2021</b> , 400-401, 106425	2.9	4
288	Synchronous late Neoproterozoic Na- and K-rich granitoid magmatism at an active continental margin in the Eastern Liaoning Province of North China Craton. <i>Lithos</i> , <b>2020</b> , 376-377, 105770	2.9	3
287	Diversity of late Neoproterozoic K-rich granitoid rocks derived from subduction-related crust/mantle interactions in the Jiaobei terrane, North China Craton. <i>Gondwana Research</i> , <b>2020</b> , 85, 84-102	5.1	5
286	Crust-mantle geodynamic origin of ~2.7 Ga granitoid diversification in the Jiaobei terrane, North China Craton. <i>Precambrian Research</i> , <b>2020</b> , 346, 105821	3.9	4
285	Mantle influx compensates crustal thinning beneath the Cathaysia Block, South China: Evidence from SINOPROBE reflection profiling. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 544, 116360	5.3	22
284	Late Paleoproterozoic to Early Mesoproterozoic Mafic Magmatism in the SW Yangtze Block: Mantle Plumes Associated With Nuna Breakup?. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2020</b> , 125, e2019JB019260	3.6	5
283	Deconstructing South China and consequences for reconstructing Nuna and Rodinia. <i>Earth-Science Reviews</i> , <b>2020</b> , 204, 103169	10.2	51

282	Strain localization and fluid-assisted deformation in apatite and its influence on trace elements and U/Pb systematics. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 545, 116421	5.3	11
281	Petrogenesis of Archean TTGs and potassic granites in the southern Yangtze Block: Constraints on the early formation of the Yangtze Block. <i>Precambrian Research</i> , <b>2020</b> , 347, 105848	3.9	13
280	Permo-Triassic granitoids, Hainan Island, link to Paleotethyan not Paleopacific tectonics. <i>Bulletin of the Geological Society of America</i> , <b>2020</b> , 132, 2067-2083	3.9	12
279	Reconciling Orogenic Drivers for the Evolution of the Bangong-Nujiang Tethys During Middle-Late Jurassic. <i>Tectonics</i> , <b>2020</b> , 39, e2019TC005951	4.3	18
278	Enhanced continental weathering and large igneous province induced climate warming at the Permo-Carboniferous transition. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 534, 116074	5.3	14
277	North Atlantic Craton architecture revealed by kimberlite-hosted crustal zircons. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 534, 116091	5.3	13
276	Peel-back controlled lithospheric convergence explains the secular transitions in Archean metamorphism and magmatism. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 538, 116224	5.3	24
275	Metamorphic rocks and plate tectonics. <i>Science Bulletin</i> , <b>2020</b> , 65, 968-969	10.6	5
274	Earth Matters: A tempo to our planet's evolution. <i>Geology</i> , <b>2020</b> , 48, 525-526	5	20
273	The Mesoproterozoic Baoban Complex, South China: A missing fragment of western Laurentian lithosphere. <i>Bulletin of the Geological Society of America</i> , <b>2020</b> , 132, 1404-1418	3.9	10
272	Detrital record of late-stage silicic volcanism in the Emeishan large igneous province. <i>Gondwana Research</i> , <b>2020</b> , 79, 197-208	5.1	10
271	Reconstructing South China in the Mesoproterozoic and its role in the Nuna and Rodinia supercontinents. <i>Precambrian Research</i> , <b>2020</b> , 337, 105558	3.9	15
270	Building Southeast China in the late Mesozoic: Insights from alternating episodes of shortening and extension along the Lianhuashan fault zone. <i>Earth-Science Reviews</i> , <b>2020</b> , 201, 103056	10.2	30
269	Neoproterozoic opening of the Pacific Ocean recorded by multi-stage rifting in Tasmania, Australia. <i>Earth-Science Reviews</i> , <b>2020</b> , 201, 103041	10.2	12
268	Quantifying temperature variation between Neoproterozoic cryochron and glacial interlude, Nanhua Basin, South China. <i>Precambrian Research</i> , <b>2020</b> , 351, 105967	3.9	0
267	Using apatite to resolve the age and protoliths of mid-crustal shear zones: A case study from the Taxaquara Shear Zone, SE Brazil. <i>Lithos</i> , <b>2020</b> , 378-379, 105817	2.9	4
266	A long-lived active margin revealed by zircon U/Pb data from the Rio Apa Terrane (Brazil): New insights into the Paleoproterozoic evolution of the Amazonian Craton. <i>Precambrian Research</i> , <b>2020</b> , 350, 105919	3.9	5
265	Pannotia: in defence of its existence and geodynamic significance. <i>Geological Society Special Publication</i> , <b>2020</b> , SP503-2020-96	1.7	12

- 264 Thermochemical lithosphere differentiation and the origin of cratonic mantle. *Nature*, **2020**, 588, 89-94 50.4 13
- 263 Linking South China to North India from the late Tonian to Ediacaran: Constraints from the Cathaysia Block. *Precambrian Research*, **2020**, 350, 105898 3.9 3
- 262 Provenance Record of Late Mesoproterozoic to Early Neoproterozoic Units, West Hainan, South China, and Implications for Rodinia Reconstruction. *Tectonics*, **2020**, 39, e2020TC006071 4.3 3
- 261 The evolution of the continental crust and the onset of plate tectonics. *Frontiers in Earth Science*, **2020**, 8, 3.5 29
- 260 An Early Cretaceous subduction-modified mantle underneath the ultraslow spreading Gakkel Ridge, Arctic Ocean. *Science Advances*, **2020**, 6, 14.3 15
- 259 Denuding a Craton: Thermochronology Record of Phanerozoic Unroofing From the Pilbara Craton, Australia. *Tectonics*, **2020**, 39, e2019TC005988 4.3 4
- 258 Geochronological and geochemical constraints on the subduction-modified lithospheric origin of the early Cretaceous volcanic rocks, in the western North Huaiyang Belt of Dabie Orogen, China. *Journal of the Geological Society*, **2020**, 177, 170-188 2.7 0
- 257 Lithosphere differentiation in the early Earth controls Archean tectonics. *Earth and Planetary Science Letters*, **2019**, 525, 115755 5.3 22
- 256 Reconciling thermal regimes and tectonics of the early Earth. *Geology*, **2019**, 47, 923-927 5 24
- 255 Plume-modified collision orogeny: The Tarim-Western Tianshan example in Central Asia. *Geology*, **2019**, 47, 1001-1005 5 22
- 254 Extensive crustal extraction in Earth's early history inferred from molybdenum isotopes. *Nature Geoscience*, **2019**, 12, 946-951 18.3 21
- 253 Early Paleoproterozoic magmatism in the Yangtze Block: Evidence from zircon U-Pb ages, Sr-Nd-Hf isotopes and geochemistry of ca. 2.3 Ga and 2.1 Ga granitic rocks in the Phan Si Pan Complex, north Vietnam. *Precambrian Research*, **2019**, 324, 253-268 3.9 22
- 252 Long-lived transcontinental sediment transport pathways of East Gondwana. *Geology*, **2019**, 47, 513-516 5 16
- 251 Evolving passive- and active-margin tectonics of the Paleoproterozoic Aravalli Basin, NW India. *Bulletin of the Geological Society of America*, **2019**, 131, 426-443 3.9 24
- 250 Jiangnan Orogen, South China: A ~970-820 Ma Rodinia margin accretionary belt. *Earth-Science Reviews*, **2019**, 196, 102872 10.2 91
- 249 Early Neoproterozoic assembly and subsequent rifting in South China: Revealed from mafic and ultramafic rocks, central Jiangnan Orogen. *Precambrian Research*, **2019**, 331, 105367 3.9 21
- 248 Differentiating continental and oceanic arc systems and retro-arc basins in the Jiangnan orogenic belt, South China. *Geological Magazine*, **2019**, 156, 2001-2016 2 7
- 247 No collision between Eastern and Western Gondwana at their northern extent. *Geology*, **2019**, 47, 308-312 5 31



246	Neoproterozoic I-type and highly fractionated A-type granites in the Yili Block, Central Asian Orogenic Belt: Petrogenesis and tectonic implications. <i>Precambrian Research</i> , <b>2019</b> , 328, 235-249	3.9	16
245	Global mercury cycle during the end-Permian mass extinction and subsequent Early Triassic recovery. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 513, 144-155	5.3	43
244	Implication of Mesoproterozoic (~1.4 Ga) magmatism within microcontinents along the southern Central Asian Orogenic Belt. <i>Precambrian Research</i> , <b>2019</b> , 327, 314-326	3.9	20
243	Provenance of latest Mesoproterozoic to early Neoproterozoic (meta)-sedimentary rocks and implications for paleographic reconstruction of the Yili Block. <i>Gondwana Research</i> , <b>2019</b> , 72, 120-138	5.1	17
242	Crustal reworking at convergent margins traced by Fe isotopes in I-type intrusions from the Gangdese arc, Tibetan Plateau. <i>Chemical Geology</i> , <b>2019</b> , 510, 47-55	4.2	4
241	Neoproterozoic and Paleoproterozoic K-rich granites in the Phan Si Pan Complex, north Vietnam: Constraints on the early crustal evolution of the Yangtze Block. <i>Precambrian Research</i> , <b>2019</b> , 332, 105395-9	3.9	17
240	Early to late Neoproterozoic subduction-accretion episodes in the Cariris Velhos Belt of the Borborema Province, Brazil: Insights from isotope and whole-rock geochemical data of supracrustal and granitic rocks. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 96, 102384	2	15
239	Report on the Ad-hoc Review of the IUGS Commission on Tectonics and Structural Geology (TecTask). <i>Episodes</i> , <b>2019</b> , 42, 355-358	1.6	
238	Early Cretaceous subduction-modified lithosphere beneath the eastern Qinling Orogen revealed from the Daying volcanic sequence in central China. <i>Journal of Asian Earth Sciences</i> , <b>2019</b> , 176, 209-228	2.8	3
237	Mesoproterozoic rift setting of SW Hainan: Evidence from the gneissic granites and metasedimentary rocks. <i>Precambrian Research</i> , <b>2019</b> , 325, 69-87	3.9	20
236	Crustal growth and reworking: A case study from the Erguna Massif, eastern Central Asian Orogenic Belt. <i>Scientific Reports</i> , <b>2019</b> , 9, 17671	4.9	8
235	Evolution of the Mozambique Belt in Malawi constrained by granitoid U-Pb, Sm-Nd and Lu-Hf isotopic data. <i>Gondwana Research</i> , <b>2019</b> , 68, 93-107	5.1	8
234	Continental crustal volume, thickness and area, and their geodynamic implications. <i>Gondwana Research</i> , <b>2019</b> , 66, 116-125	5.1	39
233	The Tonian Embu Complex in the Ribeira Belt (Brazil): revision, depositional age and setting in Rodinia and West Gondwana. <i>Precambrian Research</i> , <b>2019</b> , 320, 31-45	3.9	25
232	Gangdese magmatism in southern Tibet and India-Asia convergence since 120 Ma. <i>Geological Society Special Publication</i> , <b>2019</b> , 483, 583-604	1.7	56
231	Implications of 770 Ma Rhyolitic Tuffs, eastern South China Craton in constraining the tectonic setting of the Nanhua Basin. <i>Lithos</i> , <b>2019</b> , 324-325, 842-858	2.9	10
230	The Neoproterozoic southern passive margin of the São Francisco craton: Insights on the pre-amalgamation of West Gondwana from U-Pb and Hf-Nd isotopes. <i>Precambrian Research</i> , <b>2019</b> , 320, 454-471	3.9	13
229	Petrogenesis and tectonic implications of Early Cretaceous andesitic-dacitic rocks, western Qinling (Central China): Geochronological and geochemical constraints. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 1507-1520	6	2

228	Rates of generation and growth of the continental crust. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 165-173	6	100
227	Convergent continental margin volcanic source for ash beds at the Permian-Triassic boundary, South China: Constraints from trace elements and Hf-isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2019</b> , 519, 154-165	2.9	14
226	Early Wuchiapingian cooling linked to Emeishan basaltic weathering?. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 492, 102-111	5.3	33
225	One or Two Early Cretaceous Arc Systems in the Lhasa Terrane, Southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2018</b> , 123, 3391-3413	3.6	49
224	Survival of the Lhasa Terrane during its collision with Asia due to crust-mantle coupling revealed by ca. 114 Ma intrusive rocks in western Tibet. <i>Lithos</i> , <b>2018</b> , 304-307, 200-210	2.9	4
223	A non-zircon Hf isotope record in Archean black shales from the Pilbara craton confirms changing crustal dynamics ca. 3 Ga ago. <i>Scientific Reports</i> , <b>2018</b> , 8, 922	4.9	7
222	An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 490, 170-179	5.3	57
221	Reconstructing South China in Phanerozoic and Precambrian supercontinents. <i>Earth-Science Reviews</i> , <b>2018</b> , 186, 173-194	10.2	226
220	Geochemistry, <sup>40</sup> Ar/ <sup>39</sup> Ar geochronology, and geodynamic implications of Early Cretaceous basalts from the western Qinling orogenic belt, China. <i>Journal of Asian Earth Sciences</i> , <b>2018</b> , 151, 62-72	2.8	6
219	Closure of the East Paleotethyan Ocean and amalgamation of the Eastern Cimmerian and Southeast Asia continental fragments. <i>Earth-Science Reviews</i> , <b>2018</b> , 186, 195-230	10.2	131
218	Accretion Tectonics in Western Gondwana Deduced From Sm-Nd Isotope Mapping of Terranes in the Borborema Province, NE Brazil. <i>Tectonics</i> , <b>2018</b> , 37, 2727-2743	4.3	17
217	Reconstructing Cryogenian to Ediacaran successions and paleogeography of the South China Block. <i>Precambrian Research</i> , <b>2018</b> , 314, 452-467	3.9	23
216	Mercury anomalies across the end Permian mass extinction in South China from shallow and deep water depositional environments. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 496, 159-167	5.3	63
215	Provenance of Late Permian volcanic ash beds in South China: Implications for the age of Emeishan volcanism and its linkage to climate cooling. <i>Lithos</i> , <b>2018</b> , 314-315, 293-306	2.9	35
214	Provenance of late Paleozoic strata in the Yili Basin: Implications for tectonic evolution of the South Tianshan orogenic belt. <i>Bulletin of the Geological Society of America</i> , <b>2018</b> , 130, 952-974	3.9	16
213	Constructing the Eastern Margin of the Tibetan Plateau During the Late Triassic. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2018</b> , 123, 10,449	3.6	9
212	Coupled Precambrian crustal evolution and supercontinent cycles: Insights from in-situ U-Pb, O- and Hf-isotopes in detrital zircon, NW India. <i>Numerische Mathematik</i> , <b>2018</b> , 318, 989-1017	5.3	17
211	Rates of generation and destruction of the continental crust: implications for continental growth. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2018</b> , 376,	3	29



210	Geological archive of the onset of plate tectonics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2018</b> , 376,	3	132
209	Neoproterozoic magmatic arc in the Western Liaoning Province, northern North China Craton: Geochemical and isotopic constraints from sanukitoids and associated granitoids. <i>Lithos</i> , <b>2018</b> , 322, 296-311	2.9	23
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