

Peter A Cawood

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335
papers

26,403
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361
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30,415
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L-index

#	Paper	IF	Citations
335	Archean blocks and their boundaries in the North China Craton: lithological, geochemical, structural and P-T path constraints and tectonic evolution. <i>Precambrian Research</i> , 2001 , 107, 45-73	3.9	1415
334	Review of global 2.1-1.8 Ga orogens: implications for a pre-Rodinia supercontinent. <i>Earth-Science Reviews</i> , 2002 , 59, 125-162	10.2	1163
333	Precambrian geology of China. <i>Precambrian Research</i> , 2012 , 222-223, 13-54	3.9	959
332	Detrital zircon record and tectonic setting. <i>Geology</i> , 2012 , 40, 875-878	5	759
331	Amalgamation of the North China Craton: Key issues and discussion. <i>Precambrian Research</i> , 2012 , 222-223, 55-76	3.9	647
330	A change in the geodynamics of continental growth 3 billion years ago. <i>Science</i> , 2012 , 335, 1334-6	33.3	553
329	The generation and evolution of the continental crust. <i>Journal of the Geological Society</i> , 2010 , 167, 229-248	24.8	537
328	Terra Australis Orogen: Rodinia breakup and development of the Pacific and Iapetus margins of Gondwana during the Neoproterozoic and Paleozoic. <i>Earth-Science Reviews</i> , 2005 , 69, 249-279	10.2	537
327	Accretionary orogens through Earth history. <i>Geological Society Special Publication</i> , 2009 , 318, 1-36	1.7	527
326	Metamorphism of basement rocks in the Central Zone of the North China Craton: implications for Paleoproterozoic tectonic evolution. <i>Precambrian Research</i> , 2000 , 103, 55-88	3.9	497
325	Thermal Evolution of Archean Basement Rocks from the Eastern Part of the North China Craton and Its Bearing on Tectonic Setting. <i>International Geology Review</i> , 1998 , 40, 706-721	2.3	480
324	Linking accretionary orogenesis with supercontinent assembly. <i>Earth-Science Reviews</i> , 2007 , 82, 217-256	10.2	447
323	Locating South China in Rodinia and Gondwana: A fragment of greater India lithosphere?. <i>Geology</i> , 2013 , 41, 903-906	5	411
322	Single zircon grains record two Paleoproterozoic collisional events in the North China Craton. <i>Precambrian Research</i> , 2010 , 177, 266-276	3.9	371
321	High-Pressure Granulites (Retrograded Eclogites) from the Hengshan Complex, North China Craton: Petrology and Tectonic Implications. <i>Journal of Petrology</i> , 2001 , 42, 1141-1170	3.9	363
320	SHRIMP U-Pb zircon ages of the Fuping Complex: Implications for Late Archean to Paleoproterozoic accretion and assembly of the North China Craton. <i>Numerische Mathematik</i> , 2002 , 302, 191-226	5.3	357
319	The continental record and the generation of continental crust. <i>Bulletin of the Geological Society of America</i> , 2013 , 125, 14-32	3.9	353

318	Early Palaeozoic orogenesis along the Indian margin of Gondwana: Tectonic response to Gondwana assembly. <i>Earth and Planetary Science Letters</i> , 2007 , 255, 70-84	5.3	334
317	Assembly of the Lhasa and Qiangtang terranes in central Tibet by divergent double subduction. <i>Lithos</i> , 2016 , 245, 7-17	2.9	321
316	Opening Iapetus: Constraints from the Laurentian margin in Newfoundland. <i>Bulletin of the Geological Society of America</i> , 2001 , 113, 443-453	3.9	294
315	Tectonic setting of the South China Block in the early Paleozoic: Resolving intracontinental and ocean closure models from detrital zircon U-Pb geochronology. <i>Tectonics</i> , 2010 , 29, n/a-n/a	4.3	285
314	Geochemistry. When continents formed. <i>Science</i> , 2011 , 331, 154-5	33.3	279
313	Sedimentary basin and detrital zircon record along East Laurentia and Baltica during assembly and breakup of Rodinia. <i>Journal of the Geological Society</i> , 2007 , 164, 257-275	2.7	256
312	Granitoid evolution in the Late Archean Wutai Complex, North China Craton. <i>Journal of Asian Earth Sciences</i> , 2005 , 24, 597-613	2.8	253
311	Tectonothermal history of the basement rocks in the western zone of the North China Craton and its tectonic implications. <i>Tectonophysics</i> , 1999 , 310, 37-53	3.1	251
310	Geochemistry. A matter of preservation. <i>Science</i> , 2009 , 323, 49-50	33.3	250
309	Assembling Australia: Proterozoic building of a continent. <i>Precambrian Research</i> , 2008 , 166, 1-35	3.9	240
308	Reconstructing South China in Phanerozoic and Precambrian supercontinents. <i>Earth-Science Reviews</i> , 2018 , 186, 173-194	10.2	226
307	Tectonics and crustal evolution. <i>GSA Today</i> , 2016 , 26, 4-11	2.8	224
306	Linking collisional and accretionary orogens during Rodinia assembly and breakup: Implications for models of supercontinent cycles. <i>Earth and Planetary Science Letters</i> , 2016 , 449, 118-126	5.3	217
305	Provenance record of a rift basin: U/Pb ages of detrital zircons from the Perth Basin, Western Australia. <i>Sedimentary Geology</i> , 2000 , 134, 209-234	2.8	217
304	Magmatic record of India-Asia collision. <i>Scientific Reports</i> , 2015 , 5, 14289	4.9	212
303	Thermal evolution of two textural types of mafic granulites in the North China craton: evidence for both mantle plume and collisional tectonics. <i>Geological Magazine</i> , 1999 , 136, 223-240	2	209
302	Precambrian plate tectonics: Criteria and evidence. <i>GSA Today</i> , 2006 , 16, 4	2.8	197
301	Early Paleozoic and Early Mesozoic intraplate tectonic and magmatic events in the Cathaysia Block, South China. <i>Tectonics</i> , 2015 , 34, 1600-1621	4.3	191

300	Geochronological, geochemical and Nd-Hf isotopic fingerprinting of an early Neoproterozoic arc-back-arc system in South China and its accretionary assembly along the margin of Rodinia. <i>Precambrian Research</i> , 2013 , 231, 343-371	3.9	183
299	Neoproterozoic orogeny along the margin of Rodinia: Valhalla orogen, North Atlantic. <i>Geology</i> , 2010 , 38, 99-102	5	169
298	Petrology and P-T path of the Fuping mafic granulites: implications for tectonic evolution of the central zone of the North China craton. <i>Journal of Metamorphic Geology</i> , 2000 , 18, 375-391	4.4	168
297	Assembling and reactivating the Proterozoic Capricorn Orogen: lithotectonic elements, orogenies, and significance. <i>Precambrian Research</i> , 2004 , 128, 201-218	3.9	165
296	Linking source and sedimentary basin: Detrital zircon record of sediment flux along a modern river system and implications for provenance studies. <i>Earth and Planetary Science Letters</i> , 2003 , 210, 259-268	5.3	164
295	Sr-Nd-Pb isotopic constraints on multiple mantle domains for Mesozoic mafic rocks beneath the South China Block hinterland. <i>Lithos</i> , 2008 , 106, 297-308	2.9	154
294	Petrology and P-T history of the Wutai amphibolites: implications for tectonic evolution of the Wutai Complex, China. <i>Precambrian Research</i> , 1999 , 93, 181-199	3.9	143
293	Earth's middle age. <i>Geology</i> , 2014 , 42, 503-506	5	138
292	Source of the Dalradian Supergroup constrained by U-Pb dating of detrital zircon and implications for the East Laurentian margin. <i>Journal of the Geological Society</i> , 2003 , 160, 231-246	2.7	136
291	Paleogeographic development of the east Laurentian margin: Constraints from U-Pb dating of detrital zircons in the Newfoundland Appalachians. <i>Bulletin of the Geological Society of America</i> , 2001 , 113, 1234-1246	3.9	136
290	Earth's Continental Lithosphere Through Time. <i>Annual Review of Earth and Planetary Sciences</i> , 2017 , 45, 169-198	15.3	133
289	Geology and timing of mineralization at the Cangshang gold deposit, north-western Jiaodong Peninsula, China. <i>Mineralium Deposita</i> , 2003 , 38, 141-153	4.8	133
288	Geological archive of the onset of plate tectonics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376,	3	132
287	Closure of the East Paleotethyan Ocean and amalgamation of the Eastern Cimmerian and Southeast Asia continental fragments. <i>Earth-Science Reviews</i> , 2018 , 186, 195-230	10.2	131
286	Tarim and North China cratons linked to northern Gondwana through switching accretionary tectonics and collisional orogenesis. <i>Geology</i> , 2016 , 44, 95-98	5	129
285	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. <i>Journal of Petrology</i> , 2013 , 54, 1309-1348	3.9	129
284	Composition of back-arc basin volcanics, Valu Fa Ridge, Lau Basin: Evidence for a slab-derived component in their mantle source. <i>Journal of Volcanology and Geothermal Research</i> , 1987 , 32, 209-222	2.8	120
283	Triassic collision in the Paleo-Tethys Ocean constrained by volcanic activity in SW China. <i>Lithos</i> , 2012 , 144-145, 145-160	2.9	114

282	Petrogenesis of early Paleozoic peraluminous granite in the Sibumasu Block of SW Yunnan and diachronous accretionary orogenesis along the northern margin of Gondwana. <i>Lithos</i> , 2013 , 182-183, 67-85	2.9	114
281	Raising the Gangdese Mountains in southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 214-223	3.6	108
280	Orogenesis without collision: Stabilizing the Terra Australis accretionary orogen, eastern Australia. <i>Bulletin of the Geological Society of America</i> , 2011 , 123, 2240-2255	3.9	107
279	Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW China) in response to closure of the Paleo-Tethys. <i>Lithos</i> , 2012 , 140-141, 166-182	2.9	106
278	Continental growth and the crustal record. <i>Tectonophysics</i> , 2013 , 609, 651-660	3.1	106
277	Intracontinental Eocene-Oligocene Porphyry Cu Mineral Systems of Yunnan, Western Yangtze Craton, China: Compositional Characteristics, Sources, and Implications for Continental Collision Metallogeny. <i>Economic Geology</i> , 2013 , 108, 1541-1576	4.3	106
276	Contrasting modes of supercontinent formation and the conundrum of Pangea. <i>Gondwana Research</i> , 2009 , 15, 408-420	5.1	105
275	Large Igneous Province and magmatic arc sourced Permian-Triassic volcanogenic sediments in China. <i>Sedimentary Geology</i> , 2012 , 261-262, 120-131	2.8	103
274	Laurentian provenance and an intracratonic tectonic setting for the Moine Supergroup, Scotland, constrained by detrital zircons from the Loch Eil and Glen Urquhart successions. <i>Journal of the Geological Society</i> , 2004 , 161, 861-874	2.7	101
273	Rates of generation and growth of the continental crust. <i>Geoscience Frontiers</i> , 2019 , 10, 165-173	6	100
272	U/Pb dating of detrital zircons: Implications for the provenance record of Gondwana margin terranes. <i>Bulletin of the Geological Society of America</i> , 1999 , 111, 1107-1119	3.9	99
271	Paleoproterozoic magmatic and metamorphic events link Yangtze to northwest Laurentia in the Nuna supercontinent. <i>Earth and Planetary Science Letters</i> , 2016 , 433, 269-279	5.3	96
270	Petrogenesis of Early to Middle Jurassic granitoid rocks from the Gangdese belt, Southern Tibet: Implications for early history of the Neo-Tethys. <i>Lithos</i> , 2013 , 179, 320-333	2.9	96
269	Zircon SHRIMP U-Pb geochronology of potassic felsic intrusions in western Yunnan, SW China: Constraints on the relationship of magmatism to the Jinsha suture. <i>Gondwana Research</i> , 2012 , 22, 737-747	5.1	96
268	Detrital record of Indosinian mountain building in SW China: Provenance of the Middle Triassic turbidites in the Youjiang Basin. <i>Tectonophysics</i> , 2012 , 574-575, 105-117	3.1	95
267	Indosinian high-strain deformation for the Yunkaidashan tectonic belt, south China: Kinematics and ⁴⁰ Ar/ ³⁹ Ar geochronological constraints. <i>Tectonics</i> , 2007 , 26, n/a-n/a	4.3	95
266	Metallogeny of accretionary orogens – The connection between lithospheric processes and metal endowment. <i>Ore Geology Reviews</i> , 2009 , 36, 282-292	3.2	94
265	Subalkaline andesite from Valu Fa Ridge, a back-arc spreading center in southern Lau Basin: petrogenesis, comparative chemistry, and tectonic implications. <i>Chemical Geology</i> , 1991 , 91, 227-256	4.2	94

264	Late Permian-Triassic magmatic evolution in the Jinshajiang orogenic belt, SW China and implications for orogenic processes following closure of the Paleo-Tethys. <i>Numerische Mathematik</i> , 2013 , 313, 81-112	5.3	92
263	Jiangnan Orogen, South China: A ~970-820 Ma Rodinia margin accretionary belt. <i>Earth-Science Reviews</i> , 2019 , 196, 102872	10.2	91
262	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. <i>Tectonics</i> , 2013 , 32, 1547-1558	4.3	91
261	Modal composition and detrital clinopyroxene geochemistry of lithic sandstones from the New England Fold Belt (east Australia): A Paleozoic forearc terrane. <i>Bulletin of the Geological Society of America</i> , 1983 , 94, 1199	3.9	91
260	Was Baltica right-way-up or upside-down in the Neoproterozoic?. <i>Journal of the Geological Society</i> , 2006 , 163, 753-759	2.7	90
259	Laurentia-Baltica-Amazonia relations during Rodinia assembly. <i>Precambrian Research</i> , 2017 , 292, 386-397	3.9	88
258	Discordance of the U-Pb system in detrital zircons: Implication for provenance studies of sedimentary rocks. <i>Sedimentary Geology</i> , 2005 , 182, 143-162	2.8	88
257	Generation and preservation of continental crust in the Grenville Orogeny. <i>Geoscience Frontiers</i> , 2015 , 6, 357-372	6	87
256	Record of Tethyan ocean closure and Indosinian collision along the Ailaoshan suture zone (SW China). <i>Gondwana Research</i> , 2015 , 27, 1292-1306	5.1	86
255	Late Neoproterozoic subduction-related crustal growth in the Northern Liaoning region of the North China Craton: Evidence from ~2.55 to 2.50 Ga granitoid gneisses. <i>Precambrian Research</i> , 2016 , 281, 200-223	3.9	84
254	Proterozoic onset of crustal reworking and collisional tectonics: Reappraisal of the zircon oxygen isotope record. <i>Geology</i> , 2014 , 42, 451-454	5	82
253	Detrital zircon record of continental collision: Assembly of the Qilian Orogen, China. <i>Sedimentary Geology</i> , 2010 , 230, 35-45	2.8	81
252	Late Neoproterozoic and Early Cambrian palaeogeography: models and problems. <i>Geological Society Special Publication</i> , 2008 , 294, 9-31	1.7	79
251	Contrasting rift and subduction-related plagiogranites in the Jinshajiang ophiolitic mélange, southwest China, and implications for the Paleo-Tethys. <i>Tectonics</i> , 2012 , 31, n/a-n/a	4.3	78
250	Unraveling the New England orocline, east Gondwana accretionary margin. <i>Tectonics</i> , 2011 , 30, n/a-n/a	4.3	78
249	U-Pb detrital zircon ages and Sm-Nd isotopic features in low-grade metasedimentary rocks of the Famatina belt: implications for late Neoproterozoic-Early Palaeozoic evolution of the proto-Andean margin of Gondwana. <i>Journal of the Geological Society</i> , 2009 , 166, 303-319	2.7	78
248	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. <i>Gondwana Research</i> , 2012 , 21, 394-405	5.1	76
247	Neoproterozoic subduction along the Ailaoshan zone, South China: Geochronological and geochemical evidence from amphibolite. <i>Precambrian Research</i> , 2014 , 245, 13-28	3.9	75

246	Provenance record of Laurentian passive-margin strata in the northern Caledonides: Implications for paleodrainage and paleogeography. <i>Bulletin of the Geological Society of America</i> , 2007 , 119, 993-1003	3.9	75
245	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. <i>Science Bulletin</i> , 1998 , 43, 144-144		71
244	Structural Relations in the Subduction Complex of the Paleozoic New England Fold Belt, Eastern Australia. <i>Journal of Geology</i> , 1982 , 90, 381-392	2	70
243	Short episodes of crust generation during protracted accretionary processes: Evidence from Central Asian Orogenic Belt, NW China. <i>Earth and Planetary Science Letters</i> , 2017 , 464, 142-154	5.3	68
242	Generation and obduction of ophiolites: Constraints from the Bay of Islands Complex, western Newfoundland. <i>Tectonics</i> , 1992 , 11, 884-897	4.3	68
241	Low- $\delta^{18}O$ Rhyolites From the Malani Igneous Suite: A Positive Test for South China and NW India Linkage in Rodinia. <i>Geophysical Research Letters</i> , 2017 , 44, 10,298	4.9	67
240	Geochronological constraints on the age of a Permo-Triassic impact event: U-Pb and $^{40}Ar/^{39}Ar$ results for the 40km Araguainha structure of central Brazil. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 86, 214-227	5.5	67
239	Delineating and characterizing the boundary of the Cathaysia Block and the Jiangnan orogenic belt in South China. <i>Precambrian Research</i> , 2016 , 275, 265-277	3.9	66
238	Not all supercontinents are created equal: Gondwana-Rodinia case study. <i>Geology</i> , 2013 , 41, 795-798	5	65
237	Intraplate orogenesis in response to Gondwana assembly: Kwangsiang Orogeny, South China. <i>Numerische Mathematik</i> , 2016 , 316, 329-362	5.3	65
236	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> , 2018 , 496, 159-167	5.3	63
235	Continental growth seen through the sedimentary record. <i>Sedimentary Geology</i> , 2017 , 357, 16-32	2.8	62
234	Evolution of the Appalachian Laurentian margin: Lithoprobe results in western Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1998 , 35, 1271-1287	1.5	62
233	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. <i>Tectonics</i> , 2014 , 33, 2490-2504	4.3	61
232	Timing of peak metamorphism and deformation along the Appalachian margin of Laurentia in Newfoundland: Silurian, not Ordovician. <i>Geology</i> , 1994 , 22, 399	5	60
231	From sediments to their source rocks: Hf and Nd isotopes in recent river sediments. <i>Geology</i> , 2011 , 39, 407-410	5	59
230	Provenance record of a foreland basin: Detrital zircon U-Pb ages from Devonian strata in the North Qilian Orogenic Belt, China. <i>Tectonophysics</i> , 2010 , 495, 337-347	3.1	58
229	The tectonic and metallogenic framework of Myanmar: A Tethyan mineral system. <i>Ore Geology Reviews</i> , 2016 , 79, 26-45	3.2	58

228	An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. <i>Earth and Planetary Science Letters</i> , 2018 , 490, 170-179	5.3	57
227	Early Paleozoic orogenesis along Gondwana's northern margin constrained by provenance data from South China. <i>Tectonophysics</i> , 2014 , 636, 40-51	3.1	57
226	Permian-Jurassic strata at Productus Creek, Southland, New Zealand: Implications for terrane dynamics of the eastern Gondwanaland margin. <i>New Zealand Journal of Geology, and Geophysics</i> , 1999 , 42, 255-278	1.6	57
225	Zircon U-Pb age and Hf isotope evidence for an Eoarchean crustal remnant and episodic crustal reworking in response to supercontinent cycles in NW India. <i>Journal of the Geological Society</i> , 2017 , 174, 759-772	2.7	56
224	Gangdese magmatism in southern Tibet and India-Asia convergence since 120 Ma. <i>Geological Society Special Publication</i> , 2019 , 483, 583-604	1.7	56
223	Neoproterozoic crustal growth of the Southern Yangtze Block: Geochemical and zircon U-Pb geochronological and Lu-Hf isotopic evidence of Neoproterozoic diorite from the Ailaoshan zone. <i>Precambrian Research</i> , 2015 , 266, 137-149	3.9	54
222	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. <i>Lithos</i> , 2016 , 266-267, 264-286	2.9	52
221	Geochemistry of Paleoproterozoic (~1770Ma) mafic dikes from the Trans-North China Orogen and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2008 , 33, 61-77	2.8	52
220	Deconstructing South China and consequences for reconstructing Nuna and Rodinia. <i>Earth-Science Reviews</i> , 2020 , 204, 103169	10.2	51
219	Silurian collisional suturing onto the southern margin of the North China craton: Detrital zircon geochronology constraints from the Qilian Orogen. <i>Sedimentary Geology</i> , 2009 , 220, 95-104	2.8	50
218	Structural styles in the Perth Basin associated with the Mesozoic break-up of Greater India and Australia. <i>Tectonophysics</i> , 2000 , 317, 55-72	3.1	50
217	One or Two Early Cretaceous Arc Systems in the Lhasa Terrane, Southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 3391-3413	3.6	49
216	Global continental weathering trends across the Early Permian glacial to postglacial transition: Correlating high- and low-paleolatitude sedimentary records. <i>Geology</i> , 2014 , 42, 835-838	5	49
215	When crust comes of age: on the chemical evolution of Archaean, felsic continental crust by crustal drip tectonics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376,	3	49
214	Detrital zircon geochronology of the Grenville/Llano foreland and basal Sauk Sequence in west Texas, USA. <i>Bulletin of the Geological Society of America</i> , 2014 , 126, 1117-1128	3.9	48
213	Determining Precambrian crustal evolution in China: a case-study from Wutaishan, Shanxi Province, demonstrating the application of precise SHRIMP U-Pb geochronology. <i>Geological Society Special Publication</i> , 2004 , 226, 5-25	1.7	48
212	The Great Grenvillian Sedimentation Episode: Record of Supercontinent Rodinia's assembly 2012 , 583-601		46
211	The development of the SW Pacific Margin of Gondwana: Correlations between the Rangitata and New England Orogens. <i>Tectonics</i> , 1984 , 3, 539-553	4.3	45

210	Late Paleozoic to Early Mesozoic provenance record of Paleo-Pacific subduction beneath South China. <i>Tectonics</i> , 2015 , 34, 986-1008	4.3	44
209	The South American ancestry of the North Patagonian Massif: geochronological evidence for an autochthonous origin?. <i>Terra Nova</i> , 2013 , 25, 337-342	3	44
208	Global mercury cycle during the end-Permian mass extinction and subsequent Early Triassic recovery. <i>Earth and Planetary Science Letters</i> , 2019 , 513, 144-155	5.3	43
207	Neoproterozoic to early Paleozoic extensional and compressional history of East Laurentian margin sequences: The Moine Supergroup, Scottish Caledonides. <i>Bulletin of the Geological Society of America</i> , 2015 , 127, 349-371	3.9	42
206	Voluminous silicic eruptions during late Permian Emeishan igneous province and link to climate cooling. <i>Earth and Planetary Science Letters</i> , 2015 , 432, 166-175	5.3	42
205	Anticlockwise P-T evolution at ~280Ma recorded from ultrahigh-temperature metapelitic granulite in the Chinese Altai orogenic belt, a possible link with the Tarim mantle plume?. <i>Journal of Asian Earth Sciences</i> , 2014 , 94, 1-11	2.8	42
204	U-Pb geochronology and geochemistry of the Dashibao Basalts in the Songpan-Ganzi Terrane, SW China, with implications for the age of Emeishan volcanism. <i>Numerische Mathematik</i> , 2010 , 310, 1054-1080	5.3	41
203	Provenance record of the Jack Hills metasedimentary belt: Source of the Earth's oldest zircons. <i>Precambrian Research</i> , 2005 , 138, 235-254	3.9	41
202	High-T, low-P metamorphism in the Palaeoproterozoic Halls Creek Orogen, northern Australia: the middle crustal response to a mantle-related transient thermal pulse. <i>Journal of Metamorphic Geology</i> , 2002 , 20, 217-237	4.4	41
201	Temporal relations between mineral deposits and global tectonic cycles. <i>Geological Society Special Publication</i> , 2015 , 393, 9-21	1.7	40
200	Highly Refractory Peridotites on Macquarie Island and the Case for Anciently Depleted Domains in the Earth's Mantle. <i>Journal of Petrology</i> , 2010 , 51, 469-493	3.9	40
199	Detrital records for Upper Permian-Lower Triassic succession in the Shiwandashan Basin, South China and implication for Permo-Triassic (Indosinian) orogeny. <i>Journal of Asian Earth Sciences</i> , 2015 , 98, 152-166	2.8	39
198	Cyclic formation and stabilization of Archean lithosphere by accretionary orogenesis: Constraints from TTG and potassic granitoids, North China Craton. <i>Tectonics</i> , 2017 , 36, 1724-1742	4.3	39
197	Continental crustal volume, thickness and area, and their geodynamic implications. <i>Gondwana Research</i> , 2019 , 66, 116-125	5.1	39
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