

# David Chew

## 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.

144  
papers

3,854  
citations

35  
h-index

57  
g-index

155  
ext. papers

4,697  
ext. citations

3.5  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
144	Wildfires and Monsoons: Cryptic Drivers for Highly Variable Provenance Signals within a Carboniferous Fluvial System. <i>Geosciences (Switzerland)</i> , <b>2022</b> , 12, 20	2.7	0
143	U-Pb zircon-titanite-apatite age constraints on basin development and basin inversion in the Kiruna mining district, Sweden. <i>Precambrian Research</i> , <b>2022</b> , 372, 106613	3.9	0
142	Role of sediment in generating contemporaneous, diverse type I granitoid magmas. <i>Geology</i> , <b>2022</b> , 50, 427-431	5	0
141	The Central Ox Mountains. <i>Springer Geology</i> , <b>2022</b> , 107-130	0.8	
140	The Basement and Dalradian Rocks of the North Mayo Inlier. <i>Springer Geology</i> , <b>2022</b> , 9-72	0.8	1
139	The Sliswood Division and Its Relationship with the Dalradian Rocks of the Ox Mountains. <i>Springer Geology</i> , <b>2022</b> , 73-106	0.8	1
138	The Geology of Western Ireland: A Record of the Birth and Death of the Iapetus Ocean. <i>Springer Geology</i> , <b>2022</b> , 405-421	0.8	
137	Buried Triassic rocks and vertical distribution of ores in the giant Jiaodong gold province (China) revealed by apatite xenocrysts in hydrothermal quartz veins. <i>Ore Geology Reviews</i> , <b>2021</b> , 140, 104612	3.2	4
136	Apatite U-Pb Thermochronology: A Review. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 1095	2.4	3
135	Tracing proto-Rheic - Qaidam Ocean vestiges into the Western Tatra Mountains and implications for the Palaeozoic palaeogeography of Central Europe. <i>Gondwana Research</i> , <b>2021</b> , 91, 188-204	5.1	7
134	The provenance of Middle Jurassic to Cretaceous sediments in the Irish and Celtic Sea Basins: tectonic and environmental controls on sediment sourcing. <i>Journal of the Geological Society</i> , <b>2021</b> , 178, jgs2020-247	2.7	
133	Permian-Triassic magmatic evolution of granitoids from the southeastern Central Asian Orogenic Belt: Implications for accretion leading to collision. <i>Science China Earth Sciences</i> , <b>2021</b> , 64, 788-806	4.6	1
132	Geochronological and geochemical evidence for multi-stage apatite in the Bafq iron metallogenic belt (Central Iran), with implications for the Chadormalu iron-apatite deposit. <i>Ore Geology Reviews</i> , <b>2021</b> , 132, 104054	3.2	0
131	Tracing Pre-Mesozoic Tectonic Sutures in the Crystalline Basement of the Protocarpathians: Evidence from the Exotic Blocks from Subsilesian Nappe, Outer Western Carpathians, Poland. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 571	2.4	0
130	Constraining recycled detritus in quartz-rich sandstones: Insights from a multi-proxy provenance study of the Mid-Carboniferous, Clare Basin, western Ireland. <i>Basin Research</i> , <b>2021</b> , 33, 342-363	3.2	11
129	Late Cenozoic drainage reorganization of the paleo-Yangtze river constrained by multi-proxy provenance analysis of the Paleo-lake Xigeda. <i>Bulletin of the Geological Society of America</i> , <b>2021</b> , 133, 199-211	3.9	2
128	Apatite fission-track dating by LA-Q-ICP-MS imaging. <i>Chemical Geology</i> , <b>2021</b> , 560, 119977	4.2	4

127	Constraining the links between the Himalayan belt and the Central Myanmar Basins during the Cenozoic: An integrated multi-proxy detrital geochronology and trace-element geochemistry study. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 657-676	6	7
126	LA-ICP-MS imaging in the geosciences and its applications to geochronology. <i>Chemical Geology</i> , <b>2021</b> , 559, 119917	4.2	10
125	From sink to source: Using offshore thermochronometric data to extract onshore erosion signals in Namibia. <i>Basin Research</i> , <b>2021</b> , 33, 1580-1602	3.2	1
124	Central European Variscan Basement in the Outer Carpathians: A Case Study from the Magura Nappe, Outer Western Carpathians, Poland. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 256	2.4	2
123	Uranium-lead phosphate chronostratigraphy: A proof of concept from the mid-Carboniferous boundary. <i>Sedimentary Geology</i> , <b>2021</b> , 422, 105961	2.8	1
122	Apatite as an alternative petrochronometer to trace the evolution of magmatic systems containing metamict zircon. <i>Contributions To Mineralogy and Petrology</i> , <b>2021</b> , 176, 1	3.5	17
121	Apatite U-Pb Dating with Common Pb Correction Using LA-ICP-MS/MS. <i>Geostandards and Geoanalytical Research</i> , <b>2021</b> , 45, 621	3.6	0
120	Detrital apatite geochemistry and thermochronology from the Oligocene/Miocene Alpine foreland record the early exhumation of the Tauern Window. <i>Basin Research</i> , <b>2021</b> , 33, 3021	3.2	3
119	Pulsed Mesozoic exhumation in Northeast Asia: New constraints from zircon U-Pb and apatite U-Pb, fission track and (U-Th)/He analyses in the Zhangguangcai Range, NE China. <i>Tectonophysics</i> , <b>2021</b> , 818, 229075	3.1	2
118	Diffusion and fluid interaction in Itrongay pegmatite (Madagascar): Evidence from in situ $^{40}\text{Ar}/^{39}\text{Ar}$ dating of gem-quality alkali feldspar and U Pb dating of protogenetic apatite inclusions. <i>Chemical Geology</i> , <b>2020</b> , 556, 119841	4.2	7
117	Two-Stage Late Jurassic to Early Cretaceous Hydrothermal Activity in the Sakar Unit of Southeastern Bulgaria. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 266	2.4	5
116	Sediment Generation and Sediment Routing Systems. <i>Earth-Science Reviews</i> , <b>2020</b> , 207, 103221	10.2	4
115	Multi-Tool (LA-ICPMS, EMPA and XRD) Investigation on Heavy Minerals from Selected Holocene Peat-Bog Deposits from the Upper Vistula River Valley, Poland. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 9	2.4	3
114	Sourcing the sand: Accessory mineral fertility, analytical and other biases in detrital U-Pb provenance analysis. <i>Earth-Science Reviews</i> , <b>2020</b> , 202, 103093	10.2	43
113	Temperate rainforests near the South Pole during peak Cretaceous warmth. <i>Nature</i> , <b>2020</b> , 580, 81-86	50.4	30
112	Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) U/Pb carbonate geochronology: strategies, progress, and limitations. <i>Geochronology</i> , <b>2020</b> , 2, 33-61	3.8	56
111	The trace element composition of apatite and its application to detrital provenance studies. <i>Earth-Science Reviews</i> , <b>2020</b> , 201, 103044	10.2	60
110	Pre-orogenic upper crustal softening by lower greenschist facies metamorphic reactions in granites of the central Pyrenees. <i>Journal of Metamorphic Geology</i> , <b>2020</b> , 38, 183-204	4.4	8

109	The clastic record of a Wilson Cycle: Evidence from detrital apatite petrochronology of the Grampian-Taconic fore-arc. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 552, 116588	5.3	9
108	Microanalysis of Cl, Br and I in apatite, scapolite and silicate glass by LA-ICP-MS. <i>Chemical Geology</i> , <b>2020</b> , 557, 119854	4.2	6
107	Apatite U-Pb dating and geochemistry of the Kyrgyz South Tian Shan (Central Asia): Establishing an apatite fingerprint for provenance studies. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 2003-2015	6	6
106	U-Pb zircon geochronology of the Ediacaran volcano-sedimentary succession of the NE Saghro inlier (Anti-Atlas, Morocco): Chronostratigraphic correlation on the northwestern margin of Gondwana. <i>Gondwana Research</i> , <b>2020</b> , 87, 263-277	5.1	5
105	Assessing mineral fertility and bias in sedimentary provenance studies: examples from the Barents Shelf. <i>Geological Society Special Publication</i> , <b>2020</b> , 484, 255-274	1.7	13
104	LA-ICP-MS apatite fission track dating: A practical zeta-based approach. <i>Chemical Geology</i> , <b>2020</b> , 531, 119302	4.2	15
103	All mixed up: Pb isotopic constraints on the transit of sands through the Mississippi-Missouri River drainage basin, North America. <i>Bulletin of the Geological Society of America</i> , <b>2019</b> , 131, 1501-1518	3.9	11
102	On the track of a Scottish impact structure: a detrital zircon and apatite provenance study of the Stac Fada Member and wider Stoer Group, NW Scotland. <i>Geological Magazine</i> , <b>2019</b> , 156, 1863-1876	2	6
101	The effect of intra-crystal uranium zonation on apatite U-Pb thermochronology: A combined ID-TIMS and LA-MC-ICP-MS study. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 251, 15-35	5.5	11
100	Geochemistry and apatite U-Pb geochronology of alkaline gabbros from the Nodoushan plutonic complex, Sanandaj-Sirjan Zone, Central Iran: Evidence for Early Palaeozoic rifting of northern Gondwana. <i>Geological Journal</i> , <b>2019</b> , 54, 1902-1926	1.7	2
99	Neoproterozoic crystalline exotic clasts in the Polish Outer Carpathian flysch: remnants of the Proto-Carpathian continent?. <i>International Journal of Earth Sciences</i> , <b>2019</b> , 108, 1409-1427	2.2	7
98	Combined in-situ determination of halogen (F, Cl) content in igneous and detrital apatite by SEM-EDS and LA-Q-ICPMS: A potential new provenance tool. <i>Chemical Geology</i> , <b>2019</b> , 524, 406-420	4.2	12
97	Trace Element (Mn-Sr-Y-Th-REE) and U-Pb Isotope Systematics of Metapelitic Apatite During Progressive Greenschist- to Amphibolite-Facies Barrovian Metamorphism. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 4103-4129	3.6	17
96	Spatial and temporal trends in exhumation of the Eastern Himalaya and syntaxis as determined from a multitechnique detrital thermochronological study of the Bengal Fan. <i>Bulletin of the Geological Society of America</i> , <b>2019</b> , 131, 1607-1622	3.9	17
95	Early Mesozoic Magmatism Within the Tibetan Plateau: Implications for the Paleo-Tethyan Tectonic Evolution and Continental Amalgamation. <i>Tectonics</i> , <b>2019</b> , 38, 3505-3543	4.3	17
94	THE BASEMENT GEOLOGY OF THE PORCUPINE HIGH: A KEY TRANSATLANTIC LINK BETWEEN THE CALEDONIDES AND APPALACHIANS <b>2019</b> ,		3
93	Detrital-zircon geochronology and provenance of the El Oro Metamorphic Complex, Ecuador: Geodynamic implications for the evolution of the western Gondwana margin. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 90, 520-539	2	10
92	Ultrafast, >50 Hz LA-ICP-MS Spot Analysis Applied to U-Pb Dating of Zircon and other U-Bearing Minerals. <i>Geostandards and Geoanalytical Research</i> , <b>2019</b> , 43, 39-60	3.6	24

91	Composition and U-Pb ages of apatite in the Amba Dongar carbonatite-alkaline complex, India. <i>Geological Journal</i> , <b>2019</b> , 54, 3438-3454	1.7	13
90	The geodynamic evolution of the Italian South Alpine basement from the Ediacaran to the Carboniferous: Was the South Alpine terrane part of the peri-Gondwana arc-forming terranes?. <i>Gondwana Research</i> , <b>2019</b> , 65, 17-30	5.1	12
89	An Integrated Apatite Geochronology and Geochemistry Tool for Sedimentary Provenance Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 1309-1326	3.6	45
88	The provenance of the Devonian Old Red Sandstone of the Dingle Peninsula, SW Ireland; the earliest record of Laurentian and peri-Gondwanan sediment mixing in Ireland. <i>Journal of the Geological Society</i> , <b>2018</b> , 175, 411-424	2.7	13
87	Transition From Collisional to Subduction-Related Regimes: An Example From Neogene Panama-Nazca-South America Interactions. <i>Tectonics</i> , <b>2018</b> , 37, 119-139	4.3	35
86	Maximising data and precision from detrital zircon U-Pb analysis by LA-ICPMS: The use of core-rim ages and the single-analysis concordia age. <i>Sedimentary Geology</i> , <b>2018</b> , 375, 5-13	2.8	28
85	The trace element and U-Pb systematics of metamorphic apatite. <i>Chemical Geology</i> , <b>2018</b> , 483, 218-238	4.2	58
84	Variscan post-collisional cooling and uplift of the Tatra Mountains crystalline block constrained by integrated zircon, apatite and titanite LA-(MC)-ICP-MS U-Pb dating and rare earth element analyses. <i>Chemical Geology</i> , <b>2018</b> , 484, 191-209	4.2	6
83	Peak to post-peak thermal history of the Saglek Block of Labrador: A multiphase and multi-instrumental approach to geochronology. <i>Chemical Geology</i> , <b>2018</b> , 484, 210-223	4.2	17
82	The transition from Pangea amalgamation to fragmentation: Constraints from detrital zircon geochronology on West Iberia paleogeography and sediment sources. <i>Sedimentary Geology</i> , <b>2018</b> , 375, 172-187	2.8	9
81	The magmatic-hydrothermal transition in rare-element pegmatites from southeast Ireland: LA-ICP-MS chemical mapping of muscovite and columbite-tantalite. <i>Geochimica Et Cosmochimica Acta</i> , <b>2018</b> , 240, 98-130	5.5	37
80	Precambrian olistoliths masquerading as sills from Death Valley, California. <i>Journal of the Geological Society</i> , <b>2018</b> , 175, 377-395	2.7	6
79	Petrology and dating of the Permian lamprophyres from the Mal'Fatra Mts. (Western Carpathians, Slovakia). <i>Geologica Carpathica</i> , <b>2018</b> , 69, 453-466	1.4	6
78	Geochemistry and origin of Carboniferous (Mississippian; Viséan) bentonites in the Namur-Dinant Basin, Belgium: evidence for a Variscan volcanic source. <i>Geologica Belgica</i> , <b>2018</b> , 21, 1-17	0.5	8
77	Erratum for "The provenance of the Devonian Old Red Sandstone of the Dingle Peninsula, SW Ireland; the earliest record of Laurentian and peri-Gondwanan sediment mixing in Ireland," <i>Journal of the Geological Society</i> , London, 175, 411-424. <i>Journal of the Geological Society</i> , <b>2018</b> , 175, 1032-1032	2.7	
76	Elemental and isotopic behaviour of Zn in Deccan basalt weathering profiles: Chemical weathering from bedrock to laterite and links to Zn deficiency in tropical soils. <i>Science of the Total Environment</i> , <b>2018</b> , 619-620, 1451-1463	10.2	28
75	Heavy mineral analysis and detrital U-Pb ages of the intracontinental Paleo-Yangtze basin: Implications for a transcontinental source-to-sink system during Late Cretaceous time. <i>Bulletin of the Geological Society of America</i> , <b>2018</b> , 130, 2087-2109	3.9	16
74	An Image Mapping Approach to U-Pb LA-ICP-MS Carbonate Dating and Applications to Direct Dating of Carbonate Sedimentation. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 4631-4648	3.6	24

73	Introduction to the special issue "Analysis of sediment properties and provenance: Tools for palaeo-environmental reconstruction". <i>Sedimentary Geology</i> , <b>2018</b> , 375, 1-4	2.8	3
72	Rapid high-resolution U <sup>Bb</sup> LA-Q-ICPMS age mapping of zircon. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2017</b> , 32, 262-276	3.7	14
71	Does slab-window opening cause uplift of the overriding plate? A case study from the Gulf of California. <i>Tectonophysics</i> , <b>2017</b> , 719-720, 162-175	3.1	2
70	A new approach to laser-ablation inductively-coupled-plasma mass-spectrometry (LA-ICP-MS) using the flexible map interrogation tool $\square$ Monocle $\square$ <i>Chemical Geology</i> , <b>2017</b> , 463, 76-93	4.2	48
69	The evolution of Eastern Tornquist-Paleoasian Ocean and subsequent continental collisions: A case study from the Western Tatra Mountains, Central Western Carpathians (Poland). <i>Gondwana Research</i> , <b>2017</b> , 48, 134-152	5.1	10
68	Tectonics drives rapid exhumation of the western Himalayan syntaxis: Evidence from low-temperature thermochronometry of the Neelum valley region, Pakistan. <i>Lithosphere</i> , <b>2017</b> , 9, 874-887	2.7	5
67	Detecting magma-poor orogens in the detrital record. <i>Geology</i> , <b>2016</b> , 44, 871-874	5	37
66	Measuring plume-related exhumation of the British Isles in Early Cenozoic times. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 456, 1-15	5.3	19
65	(LA,Q)-ICPMS trace-element analyses of Durango and McClure Mountain apatite and implications for making natural LA-ICPMS mineral standards. <i>Chemical Geology</i> , <b>2016</b> , 435, 35-48	4.2	75
64	Reply to Discussion on Detrital zircon geochronology of the Carboniferous Baixo Alentejo Flysch Group (South Portugal); constraints on the provenance and geodynamic evolution of the South Portuguese Zone. <i>Journal of the Geological Society</i> , 172, 294-308. <i>Journal of the Geological Society</i> <b>2015</b> , 172, 141-143	2.7	1
63	Age and origin of fluorapatite-rich dyke from Baranec Mt. (Tatra Mts., Western Carpathians): a key to understanding of the post-orogenic processes and element mobility. <i>Geologica Carpathica</i> , <b>2016</b> , 67, 417-432	1.4	1
62	Proto-Andean evolution of the Eastern Cordillera of Peru. <i>Gondwana Research</i> , <b>2016</b> , 35, 59-78	5.1	25
61	Tracking exhumation and drainage divide migration of the Western Alps: A test of the apatite U-Pb thermochronometer as a detrital provenance tool. <i>Bulletin of the Geological Society of America</i> , <b>2016</b> , 128, 1439-1460	3.9	40
60	Detrital zircon geochronology of the Carboniferous Baixo Alentejo Flysch Group (South Portugal); constraints on the provenance and geodynamic evolution of the South Portuguese Zone. <i>Journal of the Geological Society</i> , <b>2015</b> , 172, 294-308	2.7	28
59	The thermal history of the Karoo Moatize-Minjova Basin, Tete Province, Mozambique: An integrated vitrinite reflectance and apatite fission track thermochronology study. <i>Journal of African Earth Sciences</i> , <b>2015</b> , 112, 55-72	2.2	27
58	High-resolution LA-ICP-MS trace element mapping of igneous minerals: In search of magma histories. <i>Chemical Geology</i> , <b>2015</b> , 409, 157-168	4.2	86
57	Geochronology and Thermochronology Using Apatite: Time and Temperature, Lower Crust to Surface. <i>Elements</i> , <b>2015</b> , 11, 189-194	3.8	94
56	U <sup>Bb</sup> LA-ICPMS dating using accessory mineral standards with variable common Pb. <i>Chemical Geology</i> , <b>2014</b> , 363, 185-199	4.2	297

55	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 127, 39-56	5.5	110
54	Sr and Nd isotopic compositions of apatite reference materials used in U-Th-Pb geochronology. <i>Chemical Geology</i> , <b>2014</b> , 385, 35-55	4.2	136
53	The Laurentian Caledonides of Scotland and Ireland. <i>Geological Society Special Publication</i> , <b>2014</b> , 390, 45-91	1.7	46
52	LA-ICP-MS U-Pb apatite dating of Lower Cretaceous rocks from teschenite-picrite association in the Silesian Unit (southern Poland). <i>Geologica Carpathica</i> , <b>2014</b> , 65, 273-284	1.4	11
51	LA-ICP-MS U-Pb dating and REE patterns of apatite from the Tatra Mountains, Poland as a monitor of the regional tectonomagmatic activity. <i>Geochronometria</i> , <b>2014</b> , 41, 306-314	1	16
50	LIMA U-Pb ages link lithospheric mantle metasomatism to Karoo magmatism beneath the Kimberley region, South Africa. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 401, 132-147	5.3	36
49	The thermal history of the western Irish onshore. <i>Journal of the Geological Society</i> , <b>2014</b> , 171, 779-792	2.7	12
48	Chemical Abrasion Applied to LA-ICP-MS U-Pb Zircon Geochronology. <i>Minerals (Basel, Switzerland)</i> , <b>2014</b> , 4, 503-518	2.4	29
47	Apatite Chlorine Concentration Measurements by LA-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , <b>2014</b> , 38, 23-35	3.6	28
46	New perspectives on the Caledonides of Scandinavia and related areas: introduction. <i>Geological Society Special Publication</i> , <b>2014</b> , 390, 1-8	1.7	16
45	High-precision U-Pb zircon CA-ID-TIMS dates from western European late Viséan bentonites. <i>Journal of the Geological Society</i> , <b>2014</b> , 171, 649-658	2.7	17
44	The Ocean-Continent Transition Zones Along the Appalachian-Caledonian Margin of Laurentia: Examples of Large-Scale Hyperextension During the Opening of the Iapetus Ocean. <i>Geoscience Canada</i> , <b>2014</b> , 41, 165	3.5	24
43	Evidence of Late Ediacaran Hyperextension of the Laurentian Iapetus Margin in the Birchy Complex, Baie Verte Peninsula, Northwest Newfoundland: Implications for the Opening of Iapetus, Formation of Peri-Laurentian Microcontinents and Taconic-Grampian Orogenesis. <i>Geoscience Canada</i> , <b>2013</b> , 40, 94	3.5	34
42	The provenance of Western Irish Namurian Basin sedimentary strata inferred using detrital zircon U-Pb LA-ICP-MS geochronology. <i>Geological Journal</i> , <b>2012</b> , 47, 77-98	1.7	27
41	Lateral versus vertical emplacement in shallow-level intrusions? The Slieve Gullion Ring-complex revisited. <i>Journal of the Geological Society</i> , <b>2012</b> , 169, 157-171	2.7	7
40	New high-precision U-Pb dates from western European Carboniferous tuffs; implications for time scale calibration, the periodicity of late Carboniferous cycles and stratigraphical correlation. <i>Journal of the Geological Society</i> , <b>2012</b> , 169, 713-721	2.7	49
39	U-Pb and Th-Pb dating of apatite by LA-ICPMS. <i>Chemical Geology</i> , <b>2011</b> , 280, 200-216	4.2	236
38	Geochronology of the Tardree Rhyolite Complex, Northern Ireland: Implications for zircon fission track studies, the North Atlantic Igneous Province and the age of the Fish Canyon sanidine standard. <i>Chemical Geology</i> , <b>2011</b> , 286, 222-228	4.2	35

37	ReO <sub>2</sub> geochronology of the Neoproterozoic Cambrian Dalradian Supergroup of Scotland and Ireland: Implications for Neoproterozoic stratigraphy, glaciations and ReO <sub>2</sub> systematics. <i>Precambrian Research</i> , <b>2011</b> , 185, 202-214	3.9	75
36	Age constraints and geochemistry of the Ordovician Tyrone Igneous Complex, Northern Ireland: implications for the Grampian orogeny. <i>Journal of the Geological Society</i> , <b>2011</b> , 168, 837-850	2.7	42
35	Tectonic evolution of western Amazonia from the assembly of Rodinia to its break-up. <i>International Geology Review</i> , <b>2011</b> , 53, 1280-1296	2.3	23
34	Magma mixing in the 1100 AD Montañ Reventada composite lava flow, Tenerife, Canary Islands: interaction between rift zone and central volcano plumbing systems. <i>Contributions To Mineralogy and Petrology</i> , <b>2011</b> , 162, 651-669	3.5	36
33	Chapter 44 The Chiquer Formation, southern Peru. <i>Geological Society Memoir</i> , <b>2011</b> , 36, 481-486	0.4	
32	Grenvillian remnants in the Northern Andes: Rodinian and Phanerozoic paleogeographic perspectives. <i>Journal of South American Earth Sciences</i> , <b>2010</b> , 29, 92-104	2	74
31	Thermochronology and tectonics of the Leeward Antilles: Evolution of the southern Caribbean Plate boundary zone. <i>Tectonics</i> , <b>2010</b> , 29, n/a-n/a	4.3	31
30	Timing of ophiolite obduction in the Grampian orogen. <i>Bulletin of the Geological Society of America</i> , <b>2010</b> , 122, 1787-1799	3.9	80
29	Tectonomagmatic evolution of Western Amazonia: Geochemical characterization and zircon U-Pb geochronologic constraints from the Peruvian Eastern Cordilleran granitoids. <i>Bulletin of the Geological Society of America</i> , <b>2009</b> , 121, 1298-1324	3.9	91
28	Basic volcanism contemporaneous with the Sturtian glacial episode in NE Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , <b>2009</b> , 100, 399-415	0.9	11
27	Magma Ascent along a Major Terrane Boundary: Crustal Contamination and Magma Mixing at the Drumadoon Intrusive Complex, Isle of Arran, Scotland. <i>Journal of Petrology</i> , <b>2009</b> , 50, 2345-2374	3.9	17
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