David Chew

List of Publications by Citations

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	UPb LAICPMS dating using accessory mineral standards with variable common Pb. *Chemical Geology*, **2014**, 363, 185-199	4.2	297
143	UPb and ThPb dating of apatite by LA-ICPMS. *Chemical Geology*, **2011**, 280, 200-216	4.2	236
142	U-Pb geochronologic evidence for the evolution of the Gondwanan margin of the north-central Andes. *Bulletin of the Geological Society of America*, **2007**, 119, 697-711	3.9	168
141	Sr and Nd isotopic compositions of apatite reference materials used in UThPb geochronology. *Chemical Geology*, **2014**, 385, 35-55	4.2	136
140	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. *Geochimica Et Cosmochimica Acta*, **2014**, 127, 39-56	5.5	110
139	Detrital zircon fingerprint of the Proto-Andes: Evidence for a Neoproterozoic active margin?. *Precambrian Research*, **2008**, 167, 186-200	3.9	102
138	The early interaction between the Caribbean Plateau and the NW South American Plate. *Terra Nova* , **2006**, 18, 264-269	3	95
137	Geochronology and Thermochronology Using Apatite: Time and Temperature, Lower Crust to Surface. *Elements*, **2015**, 11, 189-194	3.8	94
136	Tectonomagmatic evolution of Western Amazonia: Geochemical characterization and zircon U-Pb geochronologic constraints from the Peruvian Eastern Cordilleran granitoids. *Bulletin of the Geological Society of America*, **2009**, 121, 1298-1324	3.9	91
135	High-resolution LA-ICP-MS trace element mapping of igneous minerals: In search of magma histories. *Chemical Geology*, **2015**, 409, 157-168	4.2	86
134	Timing of ophiolite obduction in the Grampian orogen. *Bulletin of the Geological Society of America*, **2010**, 122, 1787-1799	3.9	80
133	(LA,Q)-ICPMS trace-element analyses of Durango and McClure Mountain apatite and implications for making natural LA-ICPMS mineral standards. *Chemical Geology*, **2016**, 435, 35-48	4.2	75
132	ReOs geochronology of the NeoproterozoicCambrian Dalradian Supergroup of Scotland and Ireland: Implications for Neoproterozoic stratigraphy, glaciations and ReOs systematics. *Precambrian Research*, **2011**, 185, 202-214	3.9	75
131	Grenvillian remnants in the Northern Andes: Rodinian and Phanerozoic paleogeographic perspectives. *Journal of South American Earth Sciences*, **2010**, 29, 92-104	2	74
130	U-Pb Zircon Geochronology and Nd Isotopic Signatures of the Pre-Mesozoic Metamorphic Basement of the Eastern Peruvian Andes: Growth and Provenance of a Late Neoproterozoic to Carboniferous Accretionary Orogen on the Northwest Margin of Gondwana. *Journal of Geology*, **2009**, 117, 285-305	2	64
129	The trace element composition of apatite and its application to detrital provenance studies. *Earth-Science Reviews*, **2020**, 201, 103044	10.2	60
128	The trace element and U-Pb systematics of metamorphic apatite. *Chemical Geology*, **2018**, 483, 218-238	4.2	58

127	Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) U–Pb carbonate geochronology: strategies, progress, and limitations. *Geochronology*, **2020**, 2, 33-61	3.8	56
126	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. *Journal of the Geological Society*, **2012**, 169, 713-721	2.7	49
125	A new approach to laser-ablation inductively-coupled-plasma mass-spectrometry (LA-ICP-MS) using the flexible map interrogation tool Monocle. *Chemical Geology*, **2017**, 463, 76-93	4.2	48
124	The Laurentian Caledonides of Scotland and Ireland. *Geological Society Special Publication*, **2014**, 390, 45-91	1.7	46
123	An Integrated Apatite Geochronology and Geochemistry Tool for Sedimentary Provenance Analysis. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 1309-1326	3.6	45
122	The tectonothermal evolution and provenance of the Tyrone Central Inlier, Ireland: Grampian imbrication of an outboard Laurentian microcontinent?. *Journal of the Geological Society*, **2008**, 165, 675-685	2.7	45
121	Grampian orogenesis and the development of blueschist-facies metamorphism in western Ireland. *Journal of the Geological Society*, **2003**, 160, 911-924	2.7	45
120	Sourcing the sand: Accessory mineral fertility, analytical and other biases in detrital U-Pb provenance analysis. *Earth-Science Reviews*, **2020**, 202, 103093	10.2	43
119	U–Pb zircon geochronology of plagiogranites from the Lough Nafooey (= Midland Valley) arc in western Ireland: constraints on the onset of the Grampian orogeny. *Journal of the Geological Society*, **2007**, 164, 747-750	2.7	43
118	Laurentian crustal recycling in the Ordovician Grampian Orogeny: Nd isotopic evidence from western Ireland. *Geological Magazine*, **2004**, 141, 195-207	2	43
117	Age constraints and geochemistry of the Ordovician Tyrone Igneous Complex, Northern Ireland: implications for the Grampian orogeny. *Journal of the Geological Society*, **2011**, 168, 837-850	2.7	42
116	Tracking exhumation and drainage divide migration of the Western Alps: A test of the apatite U-Pb thermochronometer as a detrital provenance tool. *Bulletin of the Geological Society of America*, **2016**, 128, 1439-1460	3.9	40
115	Detecting magma-poor orogens in the detrital record. *Geology*, **2016**, 44, 871-874	5	37
114	The magmatic–hydrothermal transition in rare-element pegmatites from southeast Ireland: LA-ICP-MS chemical mapping of muscovite and columbite–tantalite. *Geochimica Et Cosmochimica Acta*, **2018**, 240, 98-130	5.5	37
113	LIMA U–Pb ages link lithospheric mantle metasomatism to Karoo magmatism beneath the Kimberley region, South Africa. *Earth and Planetary Science Letters*, **2014**, 401, 132-147	5.3	36
112	Magma mixing in the 1100 AD Montaña Reventada composite lava flow, Tenerife, Canary Islands: interaction between rift zone and central volcano plumbing systems. *Contributions To Mineralogy and Petrology*, **2011**, 162, 651-669	3.5	36
111	Transition From Collisional to Subduction-Related Regimes: An Example From Neogene Panama-Nazca-South America Interactions. *Tectonics*, **2018**, 37, 119-139	4.3	35
110	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. *Chemical Geology*, **2011**, 286, 222-228	4.2	35

109	Evidence of Late Ediacaran Hyperextension of the Laurentian Iapetan 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. *Geoscience Canada*, **2013**, 40, 94	3.5	34
108	The Finnmarkian Orogeny revisited: An isotopic investigation in eastern Finnmark, Arctic Norway. *Tectonophysics*, **2008**, 460, 158-177	3.1	32
107	Structural and stratigraphic relationships across the continuation of the Highland Boundary Fault in western Ireland. *Geological Magazine*, **2003**, 140, 73-85	2	32
106	Thermochronology and tectonics of the Leeward Antilles: Evolution of the southern Caribbean Plate boundary zone. *Tectonics*, **2010**, 29, n/a-n/a	4.3	31
105	Neoproterozoic glaciation in the Proto-Andes: Tectonic implications and global correlation. *Geology* , **2007**, 35, 1095	5	31
104	An Excel spreadsheet for finite strain analysis using the Rf/ technique. *Computers and Geosciences* , **2003**, 29, 795-799	4.5	31
103	Rapid tectonic exhumation, detachment faulting and orogenic collapse in the Caledonides of western Ireland. *Tectonophysics*, **2004**, 384, 91-113	3.1	31
102	Temperate rainforests near the South Pole during peak Cretaceous warmth. *Nature*, **2020**, 580, 81-86	50.4	30
101	Chemical Abrasion Applied to LA-ICP-MS U–Pb Zircon Geochronology. *Minerals (Basel, Switzerland)*, **2014**, 4, 503-518	2.4	29
100	Detrital zircon geochronology of the Carboniferous Baixo Alentejo Flysch Group (South Portugal); constraints on the provenance and geodynamic evolution of the South Portuguese Zone. *Journal of the Geological Society*, **2015**, 172, 294-308	2.7	28
99	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. *Sedimentary Geology*, **2018**, 375, 5-13	2.8	28
98	Apatite Chlorine Concentration Measurements by LA-ICP-MS. *Geostandards and Geoanalytical Research*, **2014**, 38, 23-35	3.6	28
97	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. *Science of the Total Environment*, **2018**, 619-620, 1451-1463	10.2	28
96	The thermal history of the Karoo Moatize-Minjova Basin, Tete Province, Mozambique: An integrated vitrinite reflectance and apatite fission track thermochronology study. *Journal of African Earth Sciences*, **2015**, 112, 55-72	2.2	27
95	The provenance of Western Irish Namurian Basin sedimentary strata inferred using detrital zircon U–Pb LA-ICP-MS geochronology. *Geological Journal*, **2012**, 47, 77-98	1.7	27
94	Detrital U–Pb zircon dating of lower Ordovician syn-arc-continent collision conglomerates in the Irish Caledonides. *Tectonophysics*, **2009**, 479, 165-174	3.1	26
93	Proto-Andean evolution of the Eastern Cordillera of Peru. *Gondwana Research*, **2016**, 35, 59-78	5.1	25
92	The Ocean–Continent Transition Zones Along the Appalachian–Caledonian Margin of Laurentia: Examples of Large-Scale Hyperextension During the Opening of the Iapetus Ocean. *Geoscience Canada*, **2014**, 41, 165	3.5	24

91	Ultrafast, >´50´HzLA-ICP-MSSpot Analysis Applied to UPb Dating of Zircon and other U-Bearing Minerals. *Geostandards and Geoanalytical Research*, **2019**, 43, 39-60	3.6	24
90	An Image Mapping Approach to U-Pb LA-ICP-MS Carbonate Dating and Applications to Direct Dating of Carbonate Sedimentation. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 4631-4648	3.6	24
89	Tectonic evolution of western Amazonia from the assembly of Rodinia to its break-up. *International Geology Review*, **2011**, 53, 1280-1296	2.3	23
88	Hidden Archaean and Palaeoproterozoic crust in NW Ireland? Evidence from zircon Hf isotopic data from granitoid intrusions. *Geological Magazine*, **2009**, 146, 903-916	2	23
87	Measuring plume-related exhumation of the British Isles in Early Cenozoic times. *Earth and Planetary Science Letters*, **2016**, 456, 1-15	5.3	19
86	Peak to post-peak thermal history of the Saglek Block of Labrador: A multiphase and multi-instrumental approach to geochronology. *Chemical Geology*, **2018**, 484, 210-223	4.2	17
85	Trace Element (Mn-Sr-Y-Th-REE) and U-Pb Isotope Systematics of Metapelitic Apatite During Progressive Greenschist- to Amphibolite-Facies Barrovian Metamorphism. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 4103-4129	3.6	17
84	Spatial and temporal trends in exhumation of the Eastern Himalaya and syntaxis as determined from a multitechnique detrital thermochronological study of the Bengal Fan. *Bulletin of the Geological Society of America*, **2019**, 131, 1607-1622	3.9	17
83	Early Mesozoic Magmatism Within the Tibetan Plateau: Implications for the Paleo-Tethyan Tectonic Evolution and Continental Amalgamation. *Tectonics*, **2019**, 38, 3505-3543	4.3	17
82	Magma Ascent along a Major Terrane Boundary: Crustal Contamination and Magma Mixing at the Drumadoon Intrusive Complex, Isle of Arran, Scotland. *Journal of Petrology*, **2009**, 50, 2345-2374	3.9	17
81	High-precision UPb zircon CA-ID-TIMS dates from western European late Visan bentonites. *Journal of the Geological Society*, **2014**, 171, 649-658	2.7	17
80	Apatite as an alternative petrochronometer to trace the evolution of magmatic systems containing metamict zircon. *Contributions To Mineralogy and Petrology*, **2021**, 176, 1	3.5	17
79	LA-ICP-MS U-Pb dating and REE patterns of apatite from the Tatra Mountains, Poland as a monitor of the regional tectonomagmatic activity. *Geochronometria*, **2014**, 41, 306-314	1	16
78	New perspectives on the Caledonides of Scandinavia and related areas: introduction. *Geological Society Special Publication*, **2014**, 390, 1-8	1.7	16
77	Heavy mineral analysis and detrital U-Pb ages of the intracontinental Paleo-Yangzte basin: Implications for a transcontinental source-to-sink system during Late Cretaceous time. *Bulletin of the Geological Society of America*, **2018**, 130, 2087-2109	3.9	16
76	LA-ICP-MS apatite fission track dating: A practical zeta-based approach. *Chemical Geology*, **2020**, 531, 119302	4.2	15
75	Rapid high-resolution UPb LA-Q-ICPMS age mapping of zircon. *Journal of Analytical Atomic Spectrometry*, **2017**, 32, 262-276	3.7	14
74	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. *Journal of the Geological Society*, **2018**, 175, 411-424	2.7	13

73	Composition and U-Pb ages of apatite in the Amba Dongar carbonatite-alkaline complex, India. *Geological Journal*, **2019**, 54, 3438-3454	1.7	13
72	Assessing mineral fertility and bias in sedimentary provenance studies: examples from the Barents Shelf. *Geological Society Special Publication*, **2020**, 484, 255-274	1.7	13
71	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. *Chemical Geology*, **2019**, 524, 406-420	4.2	12
70	The thermal history of the western Irish onshore. *Journal of the Geological Society*, **2014**, 171, 779-792	2.7	12
69	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?. *Gondwana Research*, **2019**, 65, 17-30	5.1	12
68	All mixed up: Pb isotopic constraints on the transit of sands through the Mississippi-Missouri River drainage basin, North America. *Bulletin of the Geological Society of America*, **2019**, 131, 1501-1518	3.9	11
67	The effect of intra-crystal uranium zonation on apatite U-Pb thermochronology: A combined ID-TIMS and LA-MC-ICP-MS study. *Geochimica Et Cosmochimica Acta*, **2019**, 251, 15-35	5.5	11
66	LA-ICP-MS U-Pb apatite dating of Lower Cretaceous rocks from teschenite-picrite association in the Silesian Unit (southern Poland). *Geologica Carpathica*, **2014**, 65, 273-284	1.4	11
65	Basic volcanism contemporaneous with the Sturtian glacial episode in NE Scotland. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, **2009**, 100, 399-415	0.9	11
64	Early mafic magmatism and crustal anatexis on the Isle of Rum: evidence from the Am Mùin intrusion breccia. *Geological Magazine*, **2009**, 146, 368-381	2	11
63	Constraining recycled detritus in quartz-rich sandstones: Insights from a multi-proxy provenance study of the Mid-Carboniferous, Clare Basin, western Ireland. *Basin Research*, **2021**, 33, 342-363	3.2	11
62	The evolution of Eastern Tornquist-Paleoasian Ocean and subsequent continental collisions: A case study from the Western Tatra Mountains, Central Western Carpathians (Poland). *Gondwana Research*, **2017**, 48, 134-152	5.1	10
61	Detrital-zircon geochronology and provenance of the El Oro Metamorphic Complex, Ecuador: Geodynamic implications for the evolution of the western Gondwana margin. *Journal of South American Earth Sciences*, **2019**, 90, 520-539	2	10
60	LA-ICP-MS imaging in the geosciences and its applications to geochronology. *Chemical Geology*, **2021**, 559, 119917	4.2	10
59	The transition from Pangea amalgamation to fragmentation: Constraints from detrital zircon geochronology on West Iberia paleogeography and sediment sources. *Sedimentary Geology*, **2018**, 375, 172-187	2.8	9
58	The clastic record of a Wilson Cycle: Evidence from detrital apatite petrochronology of the Grampian-Taconic fore-arc. *Earth and Planetary Science Letters*, **2020**, 552, 116588	5.3	9
57	Geochemistry and origin of Carboniferous (Mississippian; Visén) bentonites in the Namur-Dinant Basin, Belgium: evidence for a Variscan volcanic source. *Geologica Belgica*, **2018**, 21, 1-17	0.5	8
56	Pre-orogenic upper crustal softening by lower greenschist facies metamorphic reactions in granites of the central Pyrenees. *Journal of Metamorphic Geology*, **2020**, 38, 183-204	4.4	8

55	Diffusion and fluid interaction in Itrongay pegmatite (Madagascar): Evidence from in situ 40Ar/39Ar dating of gem-quality alkali feldspar and U Pb dating of protogenetic apatite inclusions. *Chemical Geology*, **2020**, 556, 119841	4.2	7
54	Neoproterozoic crystalline exotic clasts in the Polish Outer Carpathian flysch: remnants of the Proto-Carpathian continent?. *International Journal of Earth Sciences*, **2019**, 108, 1409-1427	2.2	7
53	Lateral versus vertical emplacement in shallow-level intrusions? The Slieve Gullion Ring-complex revisited. *Journal of the Geological Society*, **2012**, 169, 157-171	2.7	7
52	Tracing proto-Rheic - Qaidam Ocean vestiges into the Western Tatra Mountains and implications for the Palaeozoic palaeogeography of Central Europe. *Gondwana Research*, **2021**, 91, 188-204	5.1	7
51	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. *Geoscience Frontiers*, **2021**, 12, 657-676	6	7
50	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. *Geological Magazine*, **2019**, 156, 1863-1876	2	6
49	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. *Chemical Geology*, **2018**, 484, 191-209	4.2	6
48	Precambrian olistoliths masquerading as sills from Death Valley, California. *Journal of the Geological Society*, **2018**, 175, 377-395	2.7	6
47	Crenulation-slip development in a Caledonian shear zone in NW Ireland: evidence for a multi-stage movement history. *Geological Society Special Publication*, **2004**, 224, 337-352	1.7	6
46	Petrology and dating of the Permian lamprophyres from the Malá Fatra Mts. (Western Carpathians, Slovakia). *Geologica Carpathica*, **2018**, 69, 453-466	1.4	6
45	Microanalysis of Cl, Br and I in apatite, scapolite and silicate glass by LA-ICP-MS. *Chemical Geology*, **2020**, 557, 119854	4.2	6
44	Apatite U–Pb dating and geochemistry of the Kyrgyz South Tian Shan (Central Asia): Establishing an apatite fingerprint for provenance studies. *Geoscience Frontiers*, **2020**, 11, 2003-2015	6	6
43	Two-Stage Late Jurassic to Early Cretaceous Hydrothermal Activity in the Sakar Unit of Southeastern Bulgaria. *Minerals (Basel, Switzerland)*, **2020**, 10, 266	2.4	5
42	1:2,500 Geological Map of South Achill Island and Achill Beg, Western Ireland. *Journal of Maps*, **2005**, 1, 18-29	2.2	5
41	Tectonics drives rapid exhumation of the western Himalayan syntaxis: Evidence from low-temperature thermochronometry of the Neelum valley region, Pakistan. *Lithosphere*, **2017**, 9, 874-888	2.7	5
40	Constraining Sinistral Shearing in NW Ireland: A Precise U–Pb Zircon Crystallisation Age for the Ox Mountains Granodiorite. *Irish Journal of Earth Sciences*, **2005**, 23, 55-63	2	5
39	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. *Gondwana Research*, **2020**, 87, 263-277	5.1	5
38	Sediment Generation and Sediment Routing Systems. *Earth-Science Reviews*, **2020**, 207, 103221	10.2	4

37	Buried Triassic rocks and vertical distribution of ores in the giant Jiaodong gold province (China) revealed by apatite xenocrysts in hydrothermal quartz veins. *Ore Geology Reviews*, **2021**, 140, 104612	3.2	4
36	A NEW EXPOSURE OF A CALDERA FAULT SEGMENT AT THE SLIEVE GULLION IGNEOUS CENTRE: IMPLICATIONS FOR THE EMPLACEMENT OF THE EARLY RING-COMPLEX. *Irish Journal of Earth Sciences*, **2008**, 26, 1-16	2	4
35	Apatite fission-track dating by LA-Q-ICP-MS imaging. *Chemical Geology*, **2021**, 560, 119977	4.2	4
34	Multi-Tool (LA-ICPMS, EMPA and XRD) Investigation on Heavy Minerals from Selected Holocene Peat-Bog Deposits from the Upper Vistula River Valley, Poland. *Minerals (Basel, Switzerland)*, **2020**, 10, 9	2.4	3
33	THE BASEMENT GEOLOGY OF THE PORCUPINE HIGH – A KEY TRANSATLANTIC LINK BETWEEN THE CALEDONIDES AND APPALACHIANS **2019**,		3
32	Apatite U-Pb Thermochronology: A Review. *Minerals (Basel, Switzerland)*, **2021**, 11, 1095	2.4	3
31	Introduction to the special issue "Analysis of sediment properties and provenance: Tools for palaeo-environmental reconstruction". *Sedimentary Geology*, **2018**, 375, 1-4	2.8	3
30	Detrital apatite geochemistry and thermochronology from the Oligocene/Miocene Alpine foreland record the early exhumation of the Tauern Window. *Basin Research*, **2021**, 33, 3021	3.2	3
29	Does slab-window opening cause uplift of the overriding plate? A case study from the Gulf of California. *Tectonophysics*, **2017**, 719-720, 162-175	3.1	2
28	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. *Geological Journal*, **2019**, 54, 1902-1926	1.7	2
27	Late Cenozoic drainage reorganization of the paleo-Yangtze river constrained by multi-proxy provenance analysis of the Paleo-lake Xigeda. *Bulletin of the Geological Society of America*, **2021**, 133, 199-211	3.9	2
26	Central European Variscan Basement in the Outer Carpathians: A Case Study from the Magura Nappe, Outer Western Carpathians, Poland. *Minerals (Basel, Switzerland)*, **2021**, 11, 256	2.4	2
25	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. *Tectonophysics*, **2021**, 818, 229075	3.1	2
24	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', Journal of the Geological Society, 172, 294–308. *Journal of the Geological Society* , 2016, 173, 181-183	2.7	1
23	Permian-Triassic magmatic evolution of granitoids from the southeastern Central Asian Orogenic Belt: Implications for accretion leading to collision. *Science China Earth Sciences*, **2021**, 64, 788-806	4.6	1
22	Deep- versus shallow-marine sandstone provenance in the mid-Carboniferous Clare Basin, western Ireland. *Journal of the Geological Society*,jgs2020-216	2.7	1
21	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. *Geologica Carpathica*, **2016**, 67, 417-432	1.4	1
20	From sink to source: Using offshore thermochronometric data to extract onshore erosion signals in Namibia. *Basin Research*, **2021**, 33, 1580-1602	3.2	1

19	Permian lamprophyres from the Western Carpathians: a review. *Geological Society Special Publication*,SP513-2020-237	1.7	1
18	Two stages of Late Carboniferous to Triassic magmatism in the Strandja Zone of Bulgaria and Turkey. *Geological Magazine*,1-14	2	1
17	Uranium–lead phosphate chronostratigraphy: A proof of concept from the mid-Carboniferous boundary. *Sedimentary Geology*, **2021**, 422, 105961	2.8	1
16	Spatial variation in provenance signal: identifying complex sand sourcing within a Carboniferous basin using multiproxy provenance analysis. *Journal of the Geological Society*,jgs2021-045	2.7	1
15	The Basement and Dalradian Rocks of the North Mayo Inlier. *Springer Geology*, **2022**, 9-72	0.8	1
14	The Slishwood Division and Its Relationship with the Dalradian Rocks of the Ox Mountains. *Springer Geology*, **2022**, 73-106	0.8	1
13	Wildfires and Monsoons: Cryptic Drivers for Highly Variable Provenance Signals within a Carboniferous Fluvial System. *Geosciences (Switzerland)*, **2022**, 12, 20	2.7	0
12	Geochronological and geochemical evidence for multi-stage apatite in the Bafq iron metallogenic belt (Central Iran), with implications for the Chadormalu iron-apatite deposit. *Ore Geology Reviews*, **2021**, 132, 104054	3.2	0
11	Tracing Pre-Mesozoic Tectonic Sutures in the Crystalline Basement of the Protocarpathians: Evidence from the Exotic Blocks from Subsilesian Nappe, Outer Western Carpathians, Poland. *Minerals (Basel, Switzerland)*, **2021**, 11, 571	2.4	0
10	Apatite U-Pb Dating with Common Pb Correction Using LA-ICP-MS/MS. *Geostandards and Geoanalytical Research*, **2021**, 45, 621	3.6	0
9	U-Pb zircon-titanite-apatite age constraints on basin development and basin inversion in the Kiruna mining district, Sweden. *Precambrian Research*, **2022**, 372, 106613	3.9	0
8	Role of sediment in generating contemporaneous, diverse I-type granitoid magmas. *Geology*, **2022**, 50, 427-431	5	0
7	Chapter 44 The Chiquero Formation, southern Peru. *Geological Society Memoir*, **2011**, 36, 481-486	0.4	
6	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," Journal of the Geological Society, London, 175, 411–424. *Journal of the Geological Society*, **2018**, 175, 1032-1032	2.7	
5	The provenance of Middle Jurassic to Cretaceous sediments in the Irish and Celtic Sea Basins: tectonic and environmental controls on sediment sourcing. *Journal of the Geological Society*, **2021**, 178, jgs2020-247	2.7	
4	Timescales of magmatism and metamorphism in the Connemara Caledonides: insights from the thermal aureole of the Dawros–Currywongaun–Doughruagh Complex, western Ireland. *Geological Magazine*,1-12	2	
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