Dirk Frei

List of Publications by Year
in descending order

131 papers	4,891 citations	94381 37 h-index	106281 65 g-index
131 all docs	131 docs citations	131 times ranked	3877 citing authors

#	Article	IF	Citations
1	Zircon M257 â€•a Homogeneous Natural Reference Material for the Ion Microprobe Uâ€Pb Analysis of Zircon. Geostandards and Geoanalytical Research, 2008, 32, 247-265.	1.7	591
2	Precise and accurate in situ Uâ€"Pb dating of zircon with high sample throughput by automated LA-SF-ICP-MS. Chemical Geology, 2009, 261, 261-270.	1.4	381
3	Peneplain formation in southern Tibet predates the India-Asia collision and plateau uplift. Geology, 2011, 39, 983-986.	2.0	156
4	Early Permian seafloor to continental arc magmatism in the eastern Paleo-Tethys: Uâ€"Pb age and Ndâ€"Sr isotope data from the southern Lancangjiang zone, Yunnan, China. Lithos, 2009, 113, 408-422.	0.6	152
5	Stable isotope fractionation between liquid and vapour in waterâ€"salt systems up to 600Â°C. Chemical Geology, 1999, 157, 343-354.	1.4	130
6	Evidence from detrital zircons for recycling of Mesoproterozoic and Neoproterozoic crust recorded in Paleozoic and Mesozoic sandstones of southern Libya. Earth and Planetary Science Letters, 2011, 312, 164-175.	1.8	118
7	Trace Element Geochemistry of Epidote Minerals. Reviews in Mineralogy and Geochemistry, 2004, 56, 553-605.	2.2	99
8	Uâ€"Pb LA-SF-ICP-MS zircon geochronology of the Serbo-Macedonian Massif, Greece: palaeotectonic constraints for Gondwana-derived terranes in the Eastern Mediterranean. International Journal of Earth Sciences, 2010, 99, 813-832.	0.9	92
9	U-series disequilibria generated by partial melting of spinel lherzolite. Earth and Planetary Science Letters, 2001, 188, 329-348.	1.8	88
10	Constraints on provenance, stratigraphic correlation and structural context of the Volta basin, Ghana, from detrital zircon geochronology: An Amazonian connection?. Sedimentary Geology, 2008, 212, 86-95.	1.0	88
11	Diamondiferous kimberlites in central India synchronous with Deccan flood basalts. Earth and Planetary Science Letters, 2010, 290, 142-149.	1.8	88
12	Crustal geodynamics from the Archaean Bundelkhand Craton, India: constraints from zircon Uâ€"Pbâ€"Hf isotope studies. Geological Magazine, 2016, 153, 179-192.	0.9	81
13	Mesoproterozoic evolution of the RÃo de la Plata Craton in Uruguay: at the heart of Rodinia?. International Journal of Earth Sciences, 2011, 100, 273-288.	0.9	77
14	The processes that control leucosome compositions in metasedimentary granulites: perspectives from the Southern Marginal Zone migmatites, Limpopo Belt, South Africa. Journal of Metamorphic Geology, 2014, 32, 713-742.	1.6	75
15	Cretaceous to Cenozoic evolution of the northern Lhasa Terrane and the Early Paleogene development of peneplains at Nam Co, Tibetan Plateau. Journal of Asian Earth Sciences, 2013, 70-71, 79-98.	1.0	71
16	HOW ARE THE EMPLACEMENT OF RARE-ELEMENT PEGMATITES, REGIONAL METAMORPHISM AND MAGMATISM INTERRELATED IN THE MOLDANUBIAN DOMAIN OF THE VARISCAN BOHEMIAN MASSIF, CZECH REPUBLIC?. Canadian Mineralogist, 2012, 50, 1751-1773.	0.3	66
17	Trace element partitioning between orthopyroxene and anhydrous silicate melt on the lherzolite solidus from 1.1 to 3.2ÂGPa and 1,230 to 1,535Â°C in the model system Na2Oâ€"CaOâ€"MgOâ€"Al2O3â€"SiO2. Contributions To Mineralogy and Petrology, 2009, 157, 473-490.	1.2	62
18	Basin formation near the end of the 1.60â€"1.45 Ga tectonic gap in southern Laurentia: Mesoproterozoic Hess Canyon Group of Arizona and implications for ca. 1.5 Ga supercontinent configurations. Lithosphere, 2012, 4, 77-88.	0.6	59

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19	Zoisite- and clinozoisite-segregations in metabasites (Tauern Window, Austria) as evidence for high-pressure fluid-rock interaction. Journal of Metamorphic Geology, 2000, 18, 1-21.	1.6	57
20	Structural and geochronological evidence for Paleogene thrusting in the western Rhodopes, SW Bulgaria: Elements for a new tectonic model of the Rhodope Metamorphic Province. Tectonics, 2010, 29, .	1.3	57
21	Paleo- to Mesoarchean polymetamorphism in the Barberton Granite-Greenstone Belt, South Africa: Constraints from U-Pb monazite and Lu-Hf garnet geochronology on the tectonic processes that shaped the belt. Bulletin of the Geological Society of America, 2014, 126, 251-270.	1.6	56
22	Rapid evolution from sediment to anatectic granulite in an Archean continental collision zone: the example of the Bandelierkop Formation metapelites, South Marginal Zone, Limpopo Belt, South Africa. Journal of Metamorphic Geology, 2015, 33, 177-202.	1.6	56
23	Provenance of Triassic sandstones on the southwest Barents Shelf and the implication for sediment dispersal patterns in northwest Pangaea. Marine and Petroleum Geology, 2016, 78, 516-535.	1.5	53
24	Origin and evolution of the âˆ¼1.9 Ga Richtersveld Magmatic Arc, SW Africa. Precambrian Research, 2017, 292, 417-451.	1.2	53
25	Palaeoceneâ€“early Eocene inversion of the Phuquocâ€“Kampot Som Basin: SE Asian deformation associated with the suturing of Luconia. Journal of the Geological Society, 2010, 167, 281-295.	0.9	51
26	Uâ€“Pb zircon provenance of metasedimentary basement of the Northwestern Terrane, Svalbard: Implications for the Grenvillianâ€“Sveconorwegian orogeny and development of Rodinia. Precambrian Research, 2009, 175, 206-220.	1.2	50
27	Crustal evolution of the Rehoboth Province from Archaean to Mesoproterozoic times: Insights from the Rehoboth Basement Inlier. Precambrian Research, 2014, 240, 22-36.	1.2	48
28	Geochemistry, provenance and stratigraphic age of metasedimentary rocks from the eastern Vardar suture zone, northern Greece. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 277, 199-225.	1.0	47
29	Detrital zircon geochronology of Palaeozoic Novaya Zemlya â€“ a key to understanding the basement of the Barents Shelf. Terra Nova, 2013, 25, 496-503.	0.9	44
30	The Baltoscandian margin detrital zircon signatures of the central Scandes. Geological Society Special Publication, 2014, 390, 131-155.	0.8	44
31	Two cryptic anatectic events within a syn-collisional granitoid from the AraÃ§uaÃ-orogen (southeastern Brazil): Evidence from the polymetamorphic Carlos Chagas batholith. Lithos, 2017, 277, 51-71.	0.6	44
32	The Sperrgebiet Domain, Aurus Mountains, SW Namibia: A âˆ¼2020â€“850Ma window within the Pan-African Gariep Orogen. Precambrian Research, 2016, 286, 35-58.	1.2	43
33	Detrital zircon Uâ€“Pb ages of Silurianâ€“Devonian sediments from NW Svalbard: a fragment of Avalonia and Laurentia?. Journal of the Geological Society, 2010, 167, 1019-1032.	0.9	40
34	Detrital zircon signatures of the Baltoscandian margin along the Arctic Circle Caledonides in Sweden: The Sveconorwegian connection. Precambrian Research, 2015, 265, 40-56.	1.2	40
35	Roundness of heavy minerals (zircon and apatite) as a provenance tool for unraveling recycling: A case study from the Sefidrud and Sarbaz rivers in N and SE Iran. Sedimentary Geology, 2016, 342, 106-117.	1.0	40
36	Implications of the distribution, age and origins of the granites of the Mesoproterozoic Spektakel Suite for the timing of the Namaqua Orogeny in the Bushmanland Subprovince of the Namaqua-Natal Metamorphic Province, South Africa. Precambrian Research, 2018, 312, 68-98.	1.2	40

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37	Provenance of the Bosnian Flysch. Swiss Journal of Geosciences, 2008, 101, 31-54.	0.5	39
38	High-Pressure Melting of Eclogite and the P-T-X History of Tonalitic to Trondhjemitic Zoisite-Pegmatites, Munchberg Massif, Germany. Journal of Petrology, 2007, 48, 1001-1019.	1.1	38
39	Geochemistry and geochronology of the ~620 Ma gold-associated Batouri granitoids, Cameroon. International Geology Review, 2015, 57, 1485-1509.	1.1	38
40	Role of crustal contribution in the early stage of the Damara Orogen, Namibia: New constraints from combined Uâ€“Pb and Luâ€“Hf isotopes from the Goas Magmatic Complex. Gondwana Research, 2015, 28, 961-986.	3.0	37
41	Early Mesozoic Plutonism of the Cordillera de la Costa (34Â°â€“37Â°S), Chile: Constraints on the Onset of the Andean Orogeny. Journal of Geology, 2011, 119, 159-184.	0.7	36
42	Jurassic to Palaeogene tectonoâ€magmatic evolution of northern Chile and adjacent Bolivia from detrital zircon Uâ€Pb geochronology and heavy mineral provenance. Terra Nova, 2011, 23, 399-406.	0.9	36
43	Torellian (<i>c</i>. 640 Ma) metamorphic overprint of Tonian (<i>c</i>. 950 Ma) basement in the Caledonides of southwestern Svalbard. Geological Magazine, 2014, 151, 732-748.	0.9	36
44	Variscan orogeny in Corsica: new structural and geochronological insights, and its place in the Variscan geodynamic framework. International Journal of Earth Sciences, 2014, 103, 1533-1551.	0.9	36
45	Experimental and computational study of trace element distribution between orthopyroxene and anhydrous silicate melt: substitution mechanisms and the effect of iron. Contributions To Mineralogy and Petrology, 2010, 159, 459-473.	1.2	35
46	Age and composition of metaâ€ophiolite from the Rhodope Middle Allochthon (Satovcha, Bulgaria): A test for the maximumâ€allochthony hypothesis of the Hellenides. Tectonics, 2014, 33, 1477-1500.	1.3	35
47	Provenance of Neoproterozoic sediments in the SÃ¤rv nappes (Middle Allochthon) of the Scandinavian Caledonides: LA-ICP-MS and SIMS Uâ€“Pb dating of detrital zircons. Precambrian Research, 2011, 187, 181-200.	1.2	34
48	Formation and emplacement of two contrasting late-Mesoproterozoic magma types in the central Namaqua Metamorphic Complex (South Africa, Namibia): Evidence from geochemistry and geochronology. Lithos, 2015, 224-225, 272-294.	0.6	34
49	Origin of fluorapatite-monazite assemblages in a metamorphosed, sillimanitebearing pegmatoid, Reinbolt Hills, East Antarctica. European Journal of Mineralogy, 2005, 17, 567-580.	0.4	32
50	Geochronology of Mesoproterozoic hybrid intrusions in the Konkiep Terrane, Namibia, from passive to active continental margin in the Namaqua-Natal Wilson Cycle. Precambrian Research, 2015, 265, 166-188.	1.2	32
51	Crystal chemical controls on rare earth element partitioning between epidote-group minerals and melts: an experimental and theoretical study. Contributions To Mineralogy and Petrology, 2003, 146, 192-204.	1.2	30
52	Mineral chemical and geochronological constraints on the age and provenance of the eastern Circum-Rhodope Belt low-grade metasedimentary rocks, NE Greece. Sedimentary Geology, 2010, 229, 207-223.	1.0	30
53	Three episodes of crustal development in the Rehoboth Province, Namibia. Geological Society Special Publication, 2011, 357, 27-47.	0.8	30
54	Late Eocene to Early Miocene Andean uplift inferred from detrital zircon fission track and Uâ€“Pb dating of Cenozoic forearc sediments (15â€“18Â°S). Journal of South American Earth Sciences, 2013, 45, 6-23.	0.6	30

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55	Crustal homogenization revealed by Uâ€“Pb zircon ages and Hf isotope evidence from the Late Cretaceous granitoids of the AgaÃ§Ã¶ren intrusive suite (Central Anatolia/Turkey). Contributions To Mineralogy and Petrology, 2012, 163, 725-743.	1.2	29
56	Uâ€“Pb ages of apatite in the western Tauern Window (Eastern Alps): Tracing the onset of collision-related exhumation in the European plate. Earth and Planetary Science Letters, 2015, 418, 53-65.	1.8	27
57	Crustal source of the Late Cretaceous SatansarÄ± monzonite stock (central Anatolia â€“ Turkey) and its significance for the Alpine geodynamic evolution. Journal of Geodynamics, 2013, 65, 82-93.	0.7	26
58	A-type magmatism in a syn-collisional setting: The case of the Pan-African Hook Batholith in Central Zambia. Lithos, 2015, 216-217, 48-72.	0.6	26
59	The nature and age of basement host rocks and fissure fills in the Lancaster field fractured reservoir, West of Shetland. Journal of the Geological Society, 2020, 177, 1057-1073.	0.9	26
60	Light rare earth element systematics as a tool for investigating the petrogenesis of phoscorite-carbonatite associations, as exemplified by the Phalaborwa Complex, South Africa. Mineralium Deposita, 2017, 52, 1105-1125.	1.7	25
61	U-Pb age constraints for the La Tuna Granite and Montevideo Formation (Paleoproterozoic, Uruguay): Unravelling the structure of the RÃo de la Plata Craton. Journal of South American Earth Sciences, 2017, 79, 443-458.	0.6	25
62	The age and country rock provenance of the Molopo Farms Complex: implications for Transvaal Supergroup correlation in southern Africa. South African Journal of Geology, 2019, 122, 39-56.	0.6	25
63	Time constraints for low-angle shear zones in the Central Rhodopes (Bulgaria) and their significance for the exhumation of high-pressure rocks. International Journal of Earth Sciences, 2012, 101, 1971-2004.	0.9	24
64	Zircon geochronology and Hf isotopes of the Dwalile Supracrustal Suite, Ancient Gneiss Complex, Swaziland: Insights into the diversity of Palaeoarchaean source rocks, depositional and metamorphic ages. Precambrian Research, 2017, 295, 48-66.	1.2	24
65	In situ LAâ€“ICP-MS and EPMA trace element characterization of Feâ€“Ti oxides from the phoscoriteâ€“carbonatite association at Phalaborwa, South Africa. Mineralium Deposita, 2017, 52, 747-768.	1.7	24
66	Geochronological constraints on granitic magmatism, deformation, cooling and uplift on Bornholm, Denmark. Bulletin of the Geological Society of Denmark, 2012, 60, 23-46.	1.1	23
67	The Neoproterozoic evolution of the central-eastern Bayuda Desert (Sudan). Precambrian Research, 2014, 240, 108-125.	1.2	22
68	Geochronological evidence for an extension of the Northern Lobe of the Bushveld Complex, Limpopo Province, South Africa. Precambrian Research, 2016, 280, 61-75.	1.2	22
69	The Keimoes Suite redefined: The geochronological and geochemical characteristics of the ferroan granites of the eastern Namaqua Sector, Mesoproterozoic Namaqua-Natal Metamorphic Province, southern Africa. Journal of African Earth Sciences, 2017, 134, 737-765.	0.9	22
70	Multiple metamorphic events in the Palaeozoic MÃ©rida Andes basement, Venezuela: insights from Uâ€“Pb geochronology and Hfâ€“Nd isotope systematics. International Geology Review, 2019, 61, 1557-1593.	1.1	22
71	Application of CCSEM to heavy mineral deposits: Source of high-Ti ilmenite sand deposits of South Kerala beaches, SW India. Journal of Geochemical Exploration, 2008, 96, 25-42.	1.5	21
72	Detrital zircon ages from the islands of Inousses and Psara, Aegean Sea, Greece: constraints on depositional age and provenance. Geological Magazine, 2008, 145, 886-891.	0.9	21

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73	New constraints on the Pan-African Orogeny in Central Zambia: A structural and geochronological study of the Hook Batholith and the Mwembeshi Zone. Tectonophysics, 2014, 637, 80-105.	0.9	21
74	Uâ€“Pb detrital zircon and 39Arâ€“40Ar muscovite ages from the eastern parts of the Karagwe-Ankole Belt: Tracking Paleoproterozoic basin formation and Mesoproterozoic crustal amalgamation along the western margin of the Tanzania Craton. Precambrian Research, 2015, 269, 147-161.	1.2	21
75	The Proterozoic Choma-Kalomo Block, SE Zambia: Exotic terrane or a reworked segment of the Zimbabwe Craton?. Precambrian Research, 2017, 298, 421-438.	1.2	21
76	The nature and significance of the Faroe-Shetland Terrane: Linking Archaean basement blocks across the North Atlantic. Precambrian Research, 2019, 321, 154-171.	1.2	21
77	Assessing mineral fertility and bias in sedimentary provenance studies: examples from the Barents Shelf. Geological Society Special Publication, 2020, 484, 255-274.	0.8	21
78	Advanced in situ geochronological and trace element microanalysis by laser ablation techniques. Geological Survey of Denmark and Greenland Bulletin, 0, 10, 25-28.	2.0	21
79	Heavy-mineral, mineral-chemical and zircon-age constraints on the provenance of Triassic sandstones from the Devon coast, southern Britain. Geologos, 2013, 19, .	0.2	20
80	Mineralogical and geochemical characteristics of BERYL (AQUAMARINE) from the Erongo Volcanic Complex, Namibia. Journal of African Earth Sciences, 2016, 124, 104-125.	0.9	20
81	Kimberlite and related rocks from Garnet Lake, West Greenland, including their mantle constituents, diamond occurrence, age and provenance. Lithos, 2009, 112, 318-333.	0.6	19
82	Microbeam U-Pb Zircon dating of the Makwassie Formation and underlying units in the Ventersdorp Supergroup of South Africa. South African Journal of Geology, 2017, 120, 525-540.	0.6	19
83	A record of 0.5â€ Ga of evolution of the continental crust along the northern edge of the Kaapvaal Craton, South Africa: Consequences for the understanding of Archean geodynamic processes. Precambrian Research, 2018, 305, 310-326.	1.2	17
84	U-Pb detrital zircon dates and provenance data from the Beaufort Group (Karoo Supergroup) reflect sedimentary recycling and air-fall tuff deposition in the Permo-Triassic Karoo foreland basin. Journal of African Earth Sciences, 2018, 143, 59-66.	0.9	15
85	Structure and Uâ€“Pb zircon geochronology of an Alpine nappe stack telescoped by extensional detachment faulting (Kulidzhik area, Eastern Rhodopes, Bulgaria). International Journal of Earth Sciences, 2016, 105, 1985-2012.	0.9	14
86	Precise microbeam dating defines three Archaean granitoid suites at the southwestern margin of the Kaapvaal Craton. Precambrian Research, 2018, 304, 21-38.	1.2	14
87	Provenance and tectonic setting of the Paleozoic TamatÃ¡n Group, NE Mexico: Implications for the closure of the Rheic Ocean. Gondwana Research, 2021, 91, 205-230.	3.0	13
88	Heavy mineral and zircon age constraints on provenance of the Sherwood Sandstone Group (Triassic) in the eastern Wessex Basin, UK. Proceedings of the Geologists Association, 2016, 127, 514-526.	0.6	12
89	Geochemistry, petrogenesis and tectonic setting of middle Eocene hypabyssal rocks of the Torudâ€“Ahmad Abad magmatic belt: An implication for evolution of the northern branch of Neo-Tethys Ocean in Iran. Journal of Geochemical Exploration, 2017, 178, 1-15.	1.5	12
90	The geochemistry and geochronology of the upper granulite facies Kliprand dome: Comparison of the southern and northern parts of the Bushmanland Domain of the Namaqua Metamorphic Province, southern Africa and clues to its evolution. Precambrian Research, 2019, 330, 58-100.	1.2	12

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91	AGE AND TECTONIC SIGNIFICANCE OF THE VOLCANIC BLOUBERGSTRAND MEMBER IN THE PAN-AFRICAN SALDANIA BELT, SOUTH AFRICA. South African Journal of Geology, 2015, 118, 213-224.	0.6	11
92	A multidisciplinary approach to sediment provenance analysis of the late Silurianâ€“Devonian Lower Old Red Sandstone succession, northern Midland Valley Basin, Scotland. Journal of the Geological Society, 2020, 177, 297-314.	0.9	11
93	Permian to Cretaceous granites and felsic volcanics from SW Vietnam and S Cambodia: Implications for tectonic development of Indochina. Journal of Asian Earth Sciences, 2021, 219, 104902.	1.0	11
94	Heavy-Mineral Assemblages In Sandstone Intrusions: Panoche Giant Injection Complex, California, U.S.A.. Journal of Sedimentary Research, 2017, 87, 388-405.	0.8	10
95	Triassic sand supply to the Slyne Basin, offshore western Ireland â€“ new insights from a multi-proxy provenance approach. Journal of the Geological Society, 2019, 176, 1120-1135.	0.9	10
96	Detrital zircon Uâ€“Pb ages of Paleo- to Neoproterozoic black shales of the Baikal-Patom Highlands in Siberia with implications to timing of metamorphism and gold mineralization. Journal of Asian Earth Sciences, 2019, 174, 37-58.	1.0	9
97	The 1.8Â Ga Gladkop Suite: The youngest Palaeoproterozoic domain in the Namaqua-Natal Metamorphic Province, South Africa. Precambrian Research, 2020, 350, 105941.	1.2	9
98	Computer-controlled scanning electron microscopy: A fast and reliable tool for diamond prospecting. Journal of Geochemical Exploration, 2009, 103, 1-5.	1.5	8
99	Geochronological and geochemical constraints on the genesis of Cu-Au skarn deposits of the Santa MarÃa de la Paz district (Sierra del Fraile, Mexico). Ore Geology Reviews, 2018, 94, 310-325.	1.1	8
100	Recalibrating the breakup history of SW Gondwana: Uâ€“Pb radioisotopic age constraints from the southern Cape of South Africa. Gondwana Research, 2020, 84, 177-193.	3.0	8
101	Provenance of Lower Cretaceous clastic reservoirs in the Middle East. Journal of the Geological Society, 2017, 174, 1048-1061.	0.9	8
102	Sand supply to the <scp>L</scp>ake <scp>A</scp>lbert <scp>B</scp>asin (<scp>U</scp>ganda) during the <scp>M</scp>ioceneâ€‹<scp>P</scp>liocene: A multiproxy provenance approach. Geochemistry, Geophysics, Geosystems, 2017, 18, 2133-2148.	1.0	7
103	Jurassic granitoid magmatism in the Dinaride Neotethys: geochronological constraints from detrital minerals. Terra Nova, 2009, 21, 495-506.	0.9	6
104	A new precise date for the Tolmie Igneous Complex in northeastern Victoria. Australian Journal of Earth Sciences, 2014, 61, 951-958.	0.4	6
105	U-Pb zircon geochronology of the Dete-Kamativi Inlier, NW Zimbabwe, with implications for the western margin of the Archaean Zimbabwe Craton. Precambrian Research, 2020, 346, 105824.	1.2	6
106	Early Mesoproterozoic inliers in the Chiapas Massif Complex of southern Mexico: Implications on Oaxaquia-Amazonia-Baltica configuration. Precambrian Research, 2022, 373, 106611.	1.2	6
107	Phase equilibria constraints on crystallization differentiation: insights into the petrogenesis of the normally zoned BuddusÃ² Pluton in north-central Sardinia. Geological Society Special Publication, 2020, 491, 243-265.	0.8	5
108	Petrogenesis of the meta-igneous rocks of the Sierra El Arco and coeval magmatic rocks in Baja California: Middle Jurassic-Early Cretaceous (166-140 Ma) island arc magmatism of NW MÃ©xico. International Geology Review, 2021, 63, 1153-1180.	1.1	5

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109	Contemporaneous opening of the Alpine Tethys in the Eastern and Western Alps: constraints from a Late Jurassic gabbro intrusion age in the Glockner Nappe, Tauern Window, Austria. International Journal of Earth Sciences, 2021, 110, 2705-2724.	0.9	5
110	Provenance of Carboniferous sandstones in the central and southern parts of the Pennine Basin, UK: evidence from detrital zircon ages. Proceedings of the Yorkshire Geological Society, 2021, 63, .	0.2	4
111	Reconstructing drainage pathways in the North Atlantic during the Triassic utilizing heavy minerals, mineral chemistry, and detrital zircon geochronology. , 2021, 17, 479-500.		4
112	Lithostratigraphy of the Mesoproterozoic Twakputs Gneiss. South African Journal of Geology, 2021, 124, 783-794.	0.6	4
113	Geochemistry, U Pb geochronology, and Sr-Nd-Hf isotope systematics of a SW-NE transect in the southern Peninsular Ranges batholith, Mexico: Cretaceous magmatism developed on a juvenile island-arc crust. Lithos, 2021, 400-401, 106375.	0.6	4
114	3.8 Ga zircons sampled by Neogene ignimbrite eruptions in Central Anatolia: COMMENT. Geology, 2013, 41, e307-e307.	2.0	3
115	Detrital zircon age constraints on basement history on the margins of the northern Rockall Basin. Geological Society Special Publication, 2014, 397, 209-223.	0.8	3
116	Peneplain formation in southern Tibet predates the India-Asia collision and plateau uplift: REPLY. Geology, 2013, 41, e297-e298.	2.0	2
117	Dating of Guperas Formation rhyolites changes the stratigraphy of the Mesoproterozoic Sinclair Supergroup of Namibia. South African Journal of Geology, 2020, 123, 633-648.	0.6	2
118	Enigmatic 1146 Â± 4ÂMa old granite in the southeastern rim of the West African craton, now part of the Dahomeyan orogenic belt in Ghana. Journal of African Earth Sciences, 2020, 167, 103814.	0.9	2
119	De Kraalen and Witrivier Greenstone Belts, Kaapvaal Craton, South Africa: Characterisation of the Palaeo-Mesoarchaean evolution by rutile and zircon U-Pb geochronology combined with Hf isotopes. South African Journal of Geology, 2021, 124, 17-36.	0.6	2
120	Sedimentology and provenance of the Lower Old Red Sandstone Grampian outliers: implications for Caledonian orogenic basin development and the northward extension of the Midland Valley Basin. Journal of the Geological Society, 2021, 178, .	0.9	2
121	Reply to: Bonev N, Spikings R and Marchev P (2016) Comment on Georgiev et al. â€œStructure and Uâ€"Pb zircon geochronology of an Alpine nappe stack telescoped by extensional detachment faulting (Kulidzhik area, Eastern Rhodopes, Bulgaria)â€• International Journal of Earth Sciences, 2016, 105, 2171-2173.	0.9	1
122	Reply to Ã…ke Johansson (Precambrian Research). Precambrian Research, 2016, 276, 236-237.	1.2	1
123	Geochemical controls on the distribution of PGE mineralisation in skarns formed during emplacement of the Platreef in the Northern limb of the Bushveld Complex, South Africa. Journal of Geochemical Exploration, 2019, 205, 106340.	1.5	1
124	Interplay of southern, western, and northern sources during deposition of North Wales Carboniferous sandstones, determined from heavy minerals, mineral chemistry, and detrital zircon ages. Geological Journal, 2021, 56, 2699-2719.	0.6	1
125	Lithostratigraphy of the Naros Granite (Komsberg Suite), South Africa and Namibia. South African Journal of Geology, 2021, 124, 795-804.	0.6	1
126	Depositional age and provenance of high-grade paragneisses from the MÃ©rida Andes, Venezuela: Implications for the Ediacaranâ€"Cambrian tectonic setting of northwestern Gondwana. Lithos, 2021, 404-405, 106436.	0.6	1

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127	Provenance of the Bosnian Flysch. Swiss Journal of Geosciences Supplement, 2008, , S31-S54.	0.0	1
128	A Silurian age for the metasedimentary rocks of the Ekne Group, TrÃ¸ndelag, Mid-Norwegian Caledonides: and inferences for a peri-Laurentian provenance. Norwegian Journal of Geology, 0, , .	0.5	1
129	Petrological, geochemical (major, trace, and rare earth elements), and Uâ€“Pb zircon data of the TamatÃ¡n Group, NE Mexico. Data in Brief, 2021, 35, 106846.	0.5	0
130	GEOCHEMICAL CHARACTERIZATION OF AQUAMARINES AND EMERALDS FROM NAMIBIA AND SOUTH AFRICA. , 2016, , .		0
131	Granitoid gneisses of the Morokweng impact structure: Implications for Neoarchaean evolution of the western Kaapvaal craton. Lithos, 2022, 426-427, 106793.	0.6	0