

Dirk Frei

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.

128
papers

3,928
citations

34
h-index

57
g-index

131
ext. papers

4,370
ext. citations

3
avg, IF

5.46
L-index

#	Paper	IF	Citations
128	Early Mesoproterozoic inliers in the Chiapas Massif Complex of southern Mexico: Implications on Oaxaquia-Azonania-Baltica configuration. <i>Precambrian Research</i> , 2022 , 373, 106611	3.9	1
127	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. <i>Journal of the Geological Society</i> , 2021 , 178, jgs2020-141	2.7	
126	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. <i>South African Journal of Geology</i> , 2021 , 124, 17-36	1.6	1
125	Provenance and tectonic setting of the Paleozoic Tamat̄ Group, NE Mexico: Implications for the closure of the Rheic Ocean. <i>Gondwana Research</i> , 2021 , 91, 205-230	5.1	6
124	Petrological, geochemical (major, trace, and rare earth elements), and U-Pb zircon data of the Tamat̄ Group, NE Mexico. <i>Data in Brief</i> , 2021 , 35, 106846	1.2	
123	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 M̄xico. <i>International Geology Review</i> , 2021 , 63, 1153-1180	2.3	4
122	Provenance of Carboniferous sandstones in the central and southern parts of the Pennine Basin, UK: evidence from detrital zircon ages. <i>Proceedings of the Yorkshire Geological Society</i> , 2021 , 63, pygs2020-010	0.8	2
121	Interplay of southern, western, and northern sources during deposition of North Wales Carboniferous sandstones, determined from heavy minerals, mineral chemistry, and detrital zircon ages. <i>Geological Journal</i> , 2021 , 56, 2699-2719	1.7	1
120	Reconstructing drainage pathways in the North Atlantic during the Triassic utilizing heavy minerals, mineral chemistry, and detrital zircon geochronology 2021 , 17, 479-500		2
119	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. <i>International Journal of Earth Sciences</i> , 2021 , 110, 2705	2.2	2
118	Lithostratigraphy of the Mesoproterozoic Twakputs Gneiss. <i>South African Journal of Geology</i> , 2021 , 124, 783-794	1.6	2
117	Lithostratigraphy of the Naros Granite (Komsberg Suite), South Africa and Namibia. <i>South African Journal of Geology</i> , 2021 , 124, 795-804	1.6	1
116	Permian to Cretaceous granites and felsic volcanics from SW Vietnam and S Cambodia: Implications for tectonic development of Indochina. <i>Journal of Asian Earth Sciences</i> , 2021 , 219, 104902	2.8	1
115	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. <i>Lithos</i> , 2021 , 400-401, 106375	2.9	3
114	Depositional age and provenance of high-grade paragneisses from the M̄ida Andes, Venezuela: Implications for the Ediacaran-Cambrian tectonic setting of northwestern Gondwana. <i>Lithos</i> , 2021 , 404-405, 106436	2.9	1
113	U-Pb zircon geochronology of the Dete-Kamativi Inlier, NW Zimbabwe, with implications for the western margin of the Archaean Zimbabwe Craton. <i>Precambrian Research</i> , 2020 , 346, 105824	3.9	3
112	Enigmatic 1146 ± 4 Ma old granite in the southeastern rim of the West African craton, now part of the Dahomeyan orogenic belt in Ghana. <i>Journal of African Earth Sciences</i> , 2020 , 167, 103814	2.2	1

111	Recalibrating the breakup history of SW Gondwana: U ^{Bb} radioisotopic age constraints from the southern Cape of South Africa. <i>Gondwana Research</i> , 2020 , 84, 177-193	5.1	4
110	The nature and age of basement host rocks and fissure fills in the Lancaster field fractured reservoir, West of Shetland. <i>Journal of the Geological Society</i> , 2020 , 177, 1057-1073	2.7	18
109	Dating of Guperas Formation rhyolites changes the stratigraphy of the Mesoproterozoic Sinclair Supergroup of Namibia. <i>South African Journal of Geology</i> , 2020 , 123, 633-648	1.6	1
108	The 1.8 Ga Gladkop Suite: The youngest Palaeoproterozoic domain in the Namaqua-Natal Metamorphic Province, South Africa. <i>Precambrian Research</i> , 2020 , 350, 105941	3.9	6
107	Assessing mineral fertility and bias in sedimentary provenance studies: examples from the Barents Shelf. <i>Geological Society Special Publication</i> , 2020 , 484, 255-274	1.7	13
106	A multidisciplinary approach to sediment provenance analysis of the late SilurianDevonian Lower Old Red Sandstone succession, northern Midland Valley Basin, Scotland. <i>Journal of the Geological Society</i> , 2020 , 177, 297-314	2.7	9
105	Phase equilibria constraints on crystallization differentiation: insights into the petrogenesis of the normally zoned BuddusPluton in north-central Sardinia. <i>Geological Society Special Publication</i> , 2020 , 491, 243-265	1.7	2
104	The age and country rock provenance of the Molopo Farms Complex: implications for Transvaal Supergroup correlation in southern Africa. <i>South African Journal of Geology</i> , 2019 , 122, 39-56	1.6	15
103	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. <i>Precambrian Research</i> , 2019 , 330, 58-100	3.9	10
102	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. <i>Journal of Geochemical Exploration</i> , 2019 , 205, 106340	3.8	1
101	Triassic sand supply to the Slyne Basin, offshore western Ireland New insights from a multi-proxy provenance approach. <i>Journal of the Geological Society</i> , 2019 , 176, 1120-1135	2.7	9
100	Detrital zircon U ^{Bb} ages of Paleo- to Neoproterozoic black shales of the Baikal-Patom Highlands in Siberia with implications to timing of metamorphism and gold mineralization. <i>Journal of Asian Earth Sciences</i> , 2019 , 174, 37-58	2.8	6
99	The nature and significance of the Faroe-Shetland Terrane: Linking Archaean basement blocks across the North Atlantic. <i>Precambrian Research</i> , 2019 , 321, 154-171	3.9	13
98	Multiple metamorphic events in the Palaeozoic Mérida Andes basement, Venezuela: insights from U ^{Bb} geochronology and Hf Nd isotope systematics. <i>International Geology Review</i> , 2019 , 61, 1557-1593	2.3	18
97	Geochronological and geochemical constraints on the genesis of Cu-Au skarn deposits of the Santa María de la Paz district (Sierra del Fraile, Mexico). <i>Ore Geology Reviews</i> , 2018 , 94, 310-325	3.2	5
96	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. <i>Precambrian Research</i> , 2018 , 312, 68-98	3.9	30
95	Precise microbeam dating defines three Archaean granitoid suites at the southwestern margin of the Kaapvaal Craton. <i>Precambrian Research</i> , 2018 , 304, 21-38	3.9	9
94	A record of 0.5 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. <i>Precambrian Research</i> , 2018 , 305, 310-326	3.9	13

93	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. <i>Journal of African Earth Sciences</i> , 2018 , 143, 59-66	2.2	11
92	Origin and evolution of the ~1.9 Ga Richtersveld Magmatic Arc, SW Africa. <i>Precambrian Research</i> , 2017 , 292, 417-451	3.9	43
91	Light rare earth element systematics as a tool for investigating the petrogenesis of phoscorite-carbonatite associations, as exemplified by the Phalaborwa Complex, South Africa. <i>Mineralium Deposita</i> , 2017 , 52, 1105-1125	4.8	18
90	Zircon geochronology and Hf isotopes of the Dwalile Supracrustal Suite, Ancient Gneiss Complex, Swaziland: Insights into the diversity of Palaeoarchaeon source rocks, depositional and metamorphic ages. <i>Precambrian Research</i> , 2017 , 295, 48-66	3.9	21
89	Heavy-Mineral Assemblages In Sandstone Intrusions: Panoche Giant Injection Complex, California, U.S.A.. <i>Journal of Sedimentary Research</i> , 2017 , 87, 388-405	2.1	8
88	Sand supply to the Lake Albert Basin (Uganda) during the Miocene-Pliocene: A multiproxy provenance approach. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 2133-2148	3.6	4
87	The Proterozoic Choma-Kalomo Block, SE Zambia: Exotic terrane or a reworked segment of the Zimbabwe Craton?. <i>Precambrian Research</i> , 2017 , 298, 421-438	3.9	15
86	Geochemistry, petrogenesis and tectonic setting of middle Eocene hypabyssal rocks of the Torud Ahmad Abad magmatic belt: An implication for evolution of the northern branch of Neo-Tethys Ocean in Iran. <i>Journal of Geochemical Exploration</i> , 2017 , 178, 1-15	3.8	9
85	Microbeam U-Pb Zircon dating of the Makwassie Formation and underlying units in the Ventersdorp Supergroup of South Africa. <i>South African Journal of Geology</i> , 2017 , 120, 525-540	1.6	16
84	U-Pb age constraints for the La Tuna Granite and Montevideo Formation (Paleoproterozoic, Uruguay): Unravelling the structure of the R� de la Plata Craton. <i>Journal of South American Earth Sciences</i> , 2017 , 79, 443-458	2	13
83	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. <i>Journal of African Earth Sciences</i> , 2017 , 134, 737-765	2.2	19
82	Two cryptic anatectic events within a syn-collisional granitoid from the Ara� brogen (southeastern Brazil): Evidence from the polymetamorphic Carlos Chagas batholith. <i>Lithos</i> , 2017 , 277, 51-71	2.9	37
81	In situ LA-ICP-MS and EPMA trace element characterization of Fe� oxides from the phoscorite-carbonatite association at Phalaborwa, South Africa. <i>Mineralium Deposita</i> , 2017 , 52, 747-768	4.8	18
80	Provenance of Lower Cretaceous clastic reservoirs in the Middle East. <i>Journal of the Geological Society</i> , 2017 , 174, 1048-1061	2.7	3
79	Reply to: Bonev N, Spikings R and Marchev P (2016) Comment on Georgiev et al. Structure and U-Pb zircon geochronology of an Alpine nappe stack telescoped by extensional detachment faulting (Kulidzhik area, Eastern Rhodopes, Bulgaria) <i>International Journal of Earth Sciences</i> , 2016 , 105, 2171-2173	2.2	1
78	Crustal geodynamics from the Archaean Bundelkhand Craton, India: constraints from zircon U-Pb-Hf isotope studies. <i>Geological Magazine</i> , 2016 , 153, 179-192	2	62
77	Reply to Re Johansson (Precambrian Research). <i>Precambrian Research</i> , 2016 , 276, 236-237	3.9	1
76	Structure and U-Pb zircon geochronology of an Alpine nappe stack telescoped by extensional detachment faulting (Kulidzhik area, Eastern Rhodopes, Bulgaria). <i>International Journal of Earth Sciences</i> , 2016 , 105, 1985-2012	2.2	11

75	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. <i>Sedimentary Geology</i> , 2016 , 342, 106-117	2.8	26
74	Mineralogical and geochemical characteristics of BERYL (AQUAMARINE) from the Erongo Volcanic Complex, Namibia. <i>Journal of African Earth Sciences</i> , 2016 , 124, 104-125	2.2	13
73	Heavy mineral and zircon age constraints on provenance of the Sherwood Sandstone Group (Triassic) in the eastern Wessex Basin, UK. <i>Proceedings of the Geologists Association</i> , 2016 , 127, 514-526	1.1	10
72	Provenance of Triassic sandstones on the southwest Barents Shelf and the implication for sediment dispersal patterns in northwest Pangaea. <i>Marine and Petroleum Geology</i> , 2016 , 78, 516-535	4.7	35
71	The Sperrgebiet Domain, Aurus Mountains, SW Namibia: A ~2020-2050Ma window within the Pan-African Gariep Orogen. <i>Precambrian Research</i> , 2016 , 286, 35-58	3.9	35
70	Geochronological evidence for an extension of the Northern Lobe of the Bushveld Complex, Limpopo Province, South Africa. <i>Precambrian Research</i> , 2016 , 280, 61-75	3.9	19
69	Rapid evolution from sediment to anatexitic granulite in an Archean continental collision zone: the example of the Bandelierkop Formation metapelites, South Marginal Zone, Limpopo Belt, South Africa. <i>Journal of Metamorphic Geology</i> , 2015 , 33, 177-202	4.4	47
68	Detrital zircon signatures of the Baltoscandian margin along the Arctic Circle Caledonides in Sweden: The Sveconorwegian connection. <i>Precambrian Research</i> , 2015 , 265, 40-56	3.9	35
67	Geochemistry and geochronology of the ~620 Ma gold-associated Batouri granitoids, Cameroon. <i>International Geology Review</i> , 2015 , 57, 1485-1509	2.3	31
66	Formation and emplacement of two contrasting late-Mesoproterozoic magma types in the central Namaqua Metamorphic Complex (South Africa, Namibia): Evidence from geochemistry and geochronology. <i>Lithos</i> , 2015 , 224-225, 272-294	2.9	30
65	Role of crustal contribution in the early stage of the Damara Orogen, Namibia: New constraints from combined U/Pb and Lu/Hf isotopes from the Goas Magmatic Complex. <i>Gondwana Research</i> , 2015 , 28, 961-986	5.1	31
64	AGE AND TECTONIC SIGNIFICANCE OF THE VOLCANIC BLOUBERGSTRAND MEMBER IN THE PAN-AFRICAN SALDANIA BELT, SOUTH AFRICA. <i>South African Journal of Geology</i> , 2015 , 118, 213-224	1.6	7
63	U/Pb detrital zircon and ³⁹ Ar/ ⁴⁰ Ar 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. <i>Precambrian Research</i> , 2015 , 269, 147-161	3.9	14
62	Geochronology of Mesoproterozoic hybrid intrusions in the Konkiep Terrane, Namibia, from passive to active continental margin in the Namaqua-Natal Wilson Cycle. <i>Precambrian Research</i> , 2015 , 265, 166-188	3.8	28
61	U/Pb ages of apatite in the western Tauern Window (Eastern Alps): Tracing the onset of collision-related exhumation in the European plate. <i>Earth and Planetary Science Letters</i> , 2015 , 418, 53-65	5.3	22
60	A-type magmatism in a syn-collisional setting: The case of the Pan-African Hook Batholith in Central Zambia. <i>Lithos</i> , 2015 , 216-217, 48-72	2.9	22
59	The processes that control leucosome compositions in metasedimentary granulites: perspectives from the Southern Marginal Zone migmatites, Limpopo Belt, South Africa. <i>Journal of Metamorphic Geology</i> , 2014 , 32, 713-742	4.4	60
58	Variscan orogeny in Corsica: new structural and geochronological insights, and its place in the Variscan geodynamic framework. <i>International Journal of Earth Sciences</i> , 2014 , 103, 1533-1551	2.2	26

57	The Neoproterozoic evolution of the central-eastern Bayuda Desert (Sudan). <i>Precambrian Research</i> , 2014 , 240, 108-125	3.9	18
56	The Baltoscandian margin detrital zircon signatures of the central Scandes. <i>Geological Society Special Publication</i> , 2014 , 390, 131-155	1.7	36
55	Age and composition of meta-ophiolite from the Rhodope Middle Allochthon (Satovcha, Bulgaria): A test for the maximum-allochthony hypothesis of the Hellenides. <i>Tectonics</i> , 2014 , 33, 1477-1500	4.3	23
54	Paleo- to Mesoproterozoic 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. <i>Bulletin of the Geological Society of America</i> , 2014 , 126, 251-270	3.9	48
53	A new precise date for the Tolmie Igneous Complex in northeastern Victoria. <i>Australian Journal of Earth Sciences</i> , 2014 , 61, 951-958	1.4	5
52	New constraints on the Pan-African Orogeny in Central Zambia: A structural and geochronological study of the Hook Batholith and the Mwembeshi Zone. <i>Tectonophysics</i> , 2014 , 637, 80-105	3.1	16
51	Torellian (c. 640 Ma) metamorphic overprint of Tonian (c. 950 Ma) basement in the Caledonides of southwestern Svalbard. <i>Geological Magazine</i> , 2014 , 151, 732-748	2	29
50	Detrital zircon age constraints on basement history on the margins of the northern Rockall Basin. <i>Geological Society Special Publication</i> , 2014 , 397, 209-223	1.7	3
49	Crustal evolution of the Rehoboth Province from Archaean to Mesoproterozoic times: Insights from the Rehoboth Basement Inlier. <i>Precambrian Research</i> , 2014 , 240, 22-36	3.9	35
48	Crustal source of the Late Cretaceous Satansar monzonite stock (central Anatolia Turkey) and its significance for the Alpine geodynamic evolution. <i>Journal of Geodynamics</i> , 2013 , 65, 82-93	2.2	19
47	Late Eocene to Early Miocene Andean uplift inferred from detrital zircon fission track and U-Pb dating of Cenozoic forearc sediments (15°S). <i>Journal of South American Earth Sciences</i> , 2013 , 45, 6-23	2	26
46	Cretaceous to Cenozoic evolution of the northern Lhasa Terrane and the Early Paleogene development of peneplains at Nam Co, Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2013 , 70-71, 79-98	2.8	45
45	Peneplain formation in southern Tibet predates the India-Asia collision and plateau uplift: REPLY. <i>Geology</i> , 2013 , 41, e297-e298	5	0
44	Heavy-mineral, mineral-chemical and zircon-age constraints on the provenance of Triassic sandstones from the Devon coast, southern Britain. <i>Geologos</i> , 2013 , 19,	0.9	12
43	Detrital zircon geochronology of Palaeozoic Novaya Zemlya is a key to understanding the basement of the Barents Shelf. <i>Terra Nova</i> , 2013 , 25, 496-503	3	38
42	3.8 Ga zircons sampled by Neogene ignimbrite eruptions in Central Anatolia: COMMENT. <i>Geology</i> , 2013 , 41, e307-e307	5	3
41	Time constraints for low-angle shear zones in the Central Rhodopes (Bulgaria) and their significance for the exhumation of high-pressure rocks. <i>International Journal of Earth Sciences</i> , 2012 , 101, 1971-2004	2.2	21
40	HOW ARE THE EMPLACEMENT OF RARE-ELEMENT PEGMATITES, REGIONAL METAMORPHISM AND MAGMATISM INTERRELATED IN THE MOLDANUBIAN DOMAIN OF THE VARISCAN BOHEMIAN MASSIF, CZECH REPUBLIC?. <i>Canadian Mineralogist</i> , 2012 , 50, 1751-1773	0.7	39

39	Crustal homogenization revealed by U ^B b zircon ages and Hf isotope evidence from the Late Cretaceous granitoids of the AgaEn intrusive suite (Central Anatolia/Turkey). <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 725-743	3.5	23
38	Basin formation near the end of the 1.60–1.45 Ga tectonic gap in southern Laurentia: Mesoproterozoic Hess Canyon Group of Arizona and implications for ca. 1.5 Ga supercontinent configurations. <i>Lithosphere</i> , 2012 , 4, 77-88	2.7	44
37	Geochronological constraints on granitic magmatism, deformation, cooling and uplift on Bornholm, Denmark. <i>Bulletin of the Geological Society of Denmark</i> , 2012 , 60, 23-46	1	20
36	Early Mesozoic Plutonism of the Cordillera de la Costa (34°B7°S), Chile: Constraints on the Onset of the Andean Orogeny. <i>Journal of Geology</i> , 2011 , 119, 159-184	2	32
35	Evidence from detrital zircons for recycling of Mesoproterozoic and Neoproterozoic crust recorded in Paleozoic and Mesozoic sandstones of southern Libya. <i>Earth and Planetary Science Letters</i> , 2011 , 312, 164-175	5.3	107
34	Provenance of Neoproterozoic sediments in the SEv nappes (Middle Allochthon) of the Scandinavian Caledonides: LA-ICP-MS and SIMS U ^B b dating of detrital zircons. <i>Precambrian Research</i> , 2011 , 187, 181-200	3.9	30
33	Jurassic to Palaeogene tectono-magmatic evolution of northern Chile and adjacent Bolivia from detrital zircon U-Pb geochronology and heavy mineral provenance. <i>Terra Nova</i> , 2011 , 23, 399-406	3	31
32	Mesoproterozoic evolution of the RB de la Plata Craton in Uruguay: at the heart of Rodinia?. <i>International Journal of Earth Sciences</i> , 2011 , 100, 273-288	2.2	63
31	Peneplain formation in southern Tibet predates the India-Asia collision and plateau uplift. <i>Geology</i> , 2011 , 39, 983-986	5	123
30	Three episodes of crustal development in the Rehoboth Province, Namibia. <i>Geological Society Special Publication</i> , 2011 , 357, 27-47	1.7	23
29	Diamondiferous kimberlites in central India synchronous with Deccan flood basalts. <i>Earth and Planetary Science Letters</i> , 2010 , 290, 142-149	5.3	73
28	Detrital zircon U ^B b ages of SilurianDevonian sediments from NW Svalbard: a fragment of Avalonia and Laurentia?. <i>Journal of the Geological Society</i> , 2010 , 167, 1019-1032	2.7	39
27	PalaeoceneEarly Eocene inversion of the PhuquocKampot Som Basin: SE Asian deformation associated with the suturing of Luconia. <i>Journal of the Geological Society</i> , 2010 , 167, 281-295	2.7	39
26	Structural and geochronological evidence for Paleogene thrusting in the western Rhodopes, SW Bulgaria: Elements for a new tectonic model of the Rhodope Metamorphic Province. <i>Tectonics</i> , 2010 , 29,	4.3	50
25	Experimental and computational study of trace element distribution between orthopyroxene and anhydrous silicate melt: substitution mechanisms and the effect of iron. <i>Contributions To Mineralogy and Petrology</i> , 2010 , 159, 459-473	3.5	30
24	U ^B b LA-SF-ICP-MS zircon geochronology of the Serbo-Macedonian Massif, Greece: palaeotectonic constraints for Gondwana-derived terranes in the Eastern Mediterranean. <i>International Journal of Earth Sciences</i> , 2010 , 99, 813-832	2.2	76
23	Mineral chemical and geochronological constraints on the age and provenance of the eastern Circum-Rhodope Belt low-grade metasedimentary rocks, NE Greece. <i>Sedimentary Geology</i> , 2010 , 229, 207-223	2.8	27
22	Early Permian seafloor to continental arc magmatism in the eastern Paleo-Tethys: U ^B b age and NdBr isotope data from the southern Lancangjiang zone, Yunnan, China. <i>Lithos</i> , 2009 , 113, 408-422	2.9	122

21	Kimberlite and related rocks from Garnet Lake, West Greenland, including their mantle constituents, diamond occurrence, age and provenance. <i>Lithos</i> , 2009 , 112, 318-333	2.9	16
20	Trace element partitioning between orthopyroxene and anhydrous silicate melt on the Iherzolite solidus from 1.1 to 3.2 GPa and 1,230 to 1,535°C in the model system Na ₂ OCaOAl ₂ O ₃ SiO ₂ . <i>Contributions To Mineralogy and Petrology</i> , 2009 , 157, 473-490	3.5	52
19	Jurassic granitoid magmatism in the Dinaride Neotethys: geochronological constraints from detrital minerals. <i>Terra Nova</i> , 2009 , 21, 495-506	3	5
18	Precise and accurate in situ U/Pb dating of zircon with high sample throughput by automated LA-SF-ICP-MS. <i>Chemical Geology</i> , 2009 , 261, 261-270	4.2	328
17	Computer-controlled scanning electron microscopy: A fast and reliable tool for diamond prospecting. <i>Journal of Geochemical Exploration</i> , 2009 , 103, 1-5	3.8	7
16	Geochemistry, provenance and stratigraphic age of metasedimentary rocks from the eastern Vardar suture zone, northern Greece. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 277, 199-225	2.9	41
15	U/Pb zircon provenance of metasedimentary basement of the Northwestern Terrane, Svalbard: Implications for the Grenvillian-Norwegian orogeny and development of Rodinia. <i>Precambrian Research</i> , 2009 , 175, 206-220	3.9	45
14	Zircon M257 - a Homogeneous Natural Reference Material for the Ion Microprobe U-Pb Analysis of Zircon. <i>Geostandards and Geoanalytical Research</i> , 2008 , 32, 247-265	3.6	503
13	Application of CCSEM to heavy mineral deposits: Source of high-Ti ilmenite sand deposits of South Kerala beaches, SW India. <i>Journal of Geochemical Exploration</i> , 2008 , 96, 25-42	3.8	19
12	Detrital zircon ages from the islands of Inousses and Psara, Aegean Sea, Greece: constraints on depositional age and provenance. <i>Geological Magazine</i> , 2008 , 145, 886-891	2	20
11	Provenance of the Bosnian Flysch. <i>Swiss Journal of Geosciences</i> , 2008 , 101, 31-54	2.1	27
10	Constraints on provenance, stratigraphic correlation and structural context of the Volta basin, Ghana, from detrital zircon geochronology: An Amazonian connection?. <i>Sedimentary Geology</i> , 2008 , 212, 86-95	2.8	74
9	Provenance of the Bosnian Flysch. <i>Swiss Journal of Geosciences Supplement</i> , 2008 , S31-S54		1
8	High-Pressure Melting of Eclogite and the P-T History of Tonalitic to Trondhjemitic Zoisite-Pegmatites, Mchberg Massif, Germany. <i>Journal of Petrology</i> , 2007 , 48, 1001-1019	3.9	33
7	Origin of fluorapatite-monazite assemblages in a metamorphosed, sillimanite-bearing pegmatoid, Reinbolt Hills, East Antarctica. <i>European Journal of Mineralogy</i> , 2005 , 17, 567-580	2.2	25
6	Trace Element Geochemistry of Epidote Minerals. <i>Reviews in Mineralogy and Geochemistry</i> , 2004 , 56, 553-605	7.1	74
5	Crystal chemical controls on rare earth element partitioning between epidote-group minerals and melts: an experimental and theoretical study. <i>Contributions To Mineralogy and Petrology</i> , 2003 , 146, 192-204	3.5	26
4	U-series disequilibria generated by partial melting of spinel Iherzolite. <i>Earth and Planetary Science Letters</i> , 2001 , 188, 329-348	5.3	80

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| 3 | Zoisite- and clinozoisite-segregations in metabasites (Tauern Window, Austria) as evidence for high-pressure fluid-rock interaction. <i>Journal of Metamorphic Geology</i> , 2000 , 18, 1-21 | 4.4 | 45 |
| 2 | Stable isotope fractionation between liquid and vapour in water-salt systems up to 600°C. <i>Chemical Geology</i> , 1999 , 157, 343-354 | 4.2 | 113 |
| 1 | Advanced in situ geochronological and trace element microanalysis by laser ablation techniques. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 10, 25-28 | | 12 |