Axel Gerdes

List of Publications by Year
in descending order

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Version: 2024-02-01

408 papers	21,590 citations	12303 69 h-index	13338 130 g-index
420 all docs	420 docs citations	420 times ranked	9626 citing authors

#	Article	IF	Citations
1	Divergent metamorphism within the Namche Barwa Complex, the Eastern Himalaya, Southeast Tibet, China: Insights from in situ Uâ€“Thâ€“Pb dating of metamorphic monazite. Journal of Metamorphic Geology, 2022, 40, 307-328.	1.6	5
2	U-Pb speleothem geochronology reveals a major 6 Ma uplift phase along the western margin of Dead Sea Transform. Bulletin of the Geological Society of America, 2022, 134, 1571-1584.	1.6	4
3	Implications for sedimentary transport processes in southwestern Africa: a combined zircon morphology and age study including extensive geochronology databases. International Journal of Earth Sciences, 2022, 111, 767-788.	0.9	4
4	Paleozoic sedimentation and Caledonian terrane architecture in NW Svalbard: indications from Uâ€“Pb geochronology and structural analysis. Journal of the Geological Society, 2022, 179, .	0.9	11
5	Timing of magmatic-hydrothermal activity in the Variscan Orogenic Belt: LA-ICP-MS Uâ€“Pb geochronology of skarn-related garnet from the Schwarzenberg District, Erzgebirge. Mineralium Deposita, 2022, 57, 1071-1087.	1.7	12
6	Tracing southern Gondwanan sedimentary paths: A case study of northern Namibian late Palaeozoic sedimentary rocks. Sedimentology, 2022, 69, 1738-1768.	1.6	3
7	In situ-produced cosmogenic krypton in zircon and its potential for Earth surface applications. Geochronology, 2022, 4, 65-85.	1.0	1
8	Development of a synorogenic composite sill at deep structural levels of a magmatic arc (Odenwald,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Structural Geology, 2022, 155, 104525.	1.0	2
9	Age constraints of the Sturtian glaciation on western Baltica based on U-Pb and Ar-Ar dating of the Lapichi Svita. Precambrian Research, 2022, 371, 106595.	1.2	6
10	Crustal evolution of Western Europe: Constraints from detrital zircon U-Pb-Hf-O isotopes. Gondwana Research, 2022, 106, 379-396.	3.0	5
11	Accessories in Kaiserstuhl carbonatites and related rocks as accurate and faithful recorders of whole rock age and isotopic composition. International Journal of Earth Sciences, 2022, 111, 573-588.	0.9	1
12	Depositional age models in lacustrine systems from zircon and carbonate Uâ€Pb geochronology. Sedimentology, 2022, 69, 2507-2534.	1.6	12
13	New CA-ID-TIMS Uâ€“Pb zircon ages for the Altenbergâ€“Teplice Volcanic Complex (ATVC) document discrete and coeval pulses of Variscan magmatic activity in the Eastern Erzgebirge (Eastern Variscan) Tj ETQq1 1 0.784314 rgBT /Over		
14	Spatio-temporal variation of fluid flow behavior along a fold: The BÃ³ixols-Sant Corneli anticline (Southern Pyrenees) from Uâ€“Pb dating and structural, petrographic and geochemical constraints. Marine and Petroleum Geology, 2022, 143, 105788.	1.5	16
15	The evolution of the southern Namibian Karoo-aged basins: implications from detrital zircon geochronologic and geochemistry data. International Geology Review, 2021, 63, 1758-1781.	1.1	9
16	100 myr cycles of oceanic lithosphere generation in peri-Gondwana: Neoproterozoicâ€“Devonian ophiolites from the NW Africanâ€“Iberian margin of Gondwana and the Variscan Orogen. Geological Society Special Publication, 2021, 503, 169-184.	0.8	20
17	Drainage response to Arabiaâ€“Eurasia collision: Insights from provenance examination of the Cyprian Kythrea flysch (Eastern Mediterranean Basin). Basin Research, 2021, 33, 26-47.	1.3	6
18	Zircon geochronology and O-Hf isotopes of Cappadocian ignimbrites: New insights into continental crustal architecture underneath the Central Anatolian Volcanic Province, Turkey. Gondwana Research, 2021, 91, 166-187.	3.0	4

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19	Early Cambrian oceanic island-arc magmatism at the paleo-Pacific margin of East Gondwana: Evidence from northern Victoria Land (Antarctica). Lithos, 2021, 382-383, 105925.	0.6	1
20	Accurate correction for the matrix interference on laser ablation MC-ICPMS boron isotope measurements in CaCO₃ and silicate matrices. Journal of Analytical Atomic Spectrometry, 2021, 36, 1607-1617.	1.6	7
21	Precise and accurate Luâ€“Hf isotope analysis of columbite-group minerals by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2021, 36, 1643-1656.	1.6	3
22	Detrital zircon and rutile Uâ€“Pb, Hf isotopes and heavy mineral assemblages of Israeli Miocene sands: Fingerprinting the Arabian provenance of the Levant. Basin Research, 2021, 33, 1967-1984.	1.3	2
23	Development of a synorogenic composite sill at deep structural levels of a continental arc (Odenwald, Germany). Part 1: Sederholm-type emplacement portrayed by contact melt in shrinkage cracks. Tectonophysics, 2021, 805, 228774.	0.9	2
24	Compositional variability of Mg/Ca, Sr/Ca, and Na/Ca in the deep-sea bivalve Acesta excavata (Fabricius,) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	4
25	Origin of Graphiteâ€“Diamond-Bearing Eclogites from Udachnaya Kimberlite Pipe. Journal of Petrology, 2021, 62, .	1.1	8
26	Reconstructing the metamorphic evolution of the AraÃ§uaÃ-orogen (SE Brazil) using in situ Uâ€“Pb garnet dating and Pâ€“T modelling. Journal of Metamorphic Geology, 2021, 39, 1145-1171.	1.6	10
27	Metasomatism and deformation of block-in-matrix structures in Syros: The role of inheritance and fluid-rock interactions along the subduction interface. Lithos, 2021, 386-387, 105996.	0.6	17
28	Long-lived intracontinental deformation associated with high geothermal gradients in the SeridÃ³ Belt (Borborema Province, Brazil). Precambrian Research, 2021, 358, 106141.	1.2	9
29	Central Asian modulation of Northern Hemisphere moisture transfer over the Late Cenozoic. Communications Earth & Environment, 2021, 2, .	2.6	6
30	Multi-stage sulfur and carbon mobility in fossil continental subduction zones: New insights from carbonate-bearing orogenic peridotites. Geochimica Et Cosmochimica Acta, 2021, 306, 143-170.	1.6	1
31	Two-phase late Paleozoic magmatism (~â€‰313â€“312 andâ€‰~â€‰299â€“298ÂMa) in the Lusatian Block and its relation to large scale NW striking fault zones: evidence from zircon Uâ€“Pb CAâ€“IDâ€“TIMS geochronology, bulk rock- and zircon chemistry. International Journal of Earth Sciences, 2021, 110, 2923-2953.	0.9	7
32	Synâ€rift hydrothermal circulation in the Mesozoic carbonates of the western Adriatic continental palaeomargin (Western Southalpine Domain, NW Italy). Basin Research, 2021, 33, 3045-3076.	1.3	3
33	In-situ U-Pb dating of Ries Crater lacustrine carbonates (Miocene, South-West Germany): Implications for continental carbonate chronostratigraphy. Earth and Planetary Science Letters, 2021, 568, 117011.	1.8	18
34	The Kyrenia Terrane (Northern Cyprus): Detrital Zircon Evidence for Exotic Elements in the Southern Neotethys. Tectonics, 2021, 40, e2021TC006763.	1.3	3
35	Uâ€“Pb dating of carbonate veins constraining timing of beef growth and oil generation within Vaca Muerta Formation and compression history in the NeuquÃ©n Basin along the Andean fold and thrust belt. Marine and Petroleum Geology, 2021, 132, 105204.	1.5	15
36	U-Pb age of the 2016 Amatrice earthquake causative fault (Mt. Gorzano, Italy) and paleo-fluid circulation during seismic cycles inferred from inter- and co-seismic calcite. Tectonophysics, 2021, 819, 229076.	0.9	10

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37	Timing of native metal-arsenide (Ag-Bi-Co-Ni-AsÂ±U) veins in continental rift zones â€“ In situ U-Pb geochronology of carbonates from the Erzgebirge/KruÅ¡nÃ© Hory province. Chemical Geology, 2021, 584, 120476.	1.4	7
38	Formation mechanisms of macroscopic globules in andesitic glasses from the Izuâ€“Boninâ€“Mariana forearc (IODP Expedition 352). Contributions To Mineralogy and Petrology, 2021, 176, 1.	1.2	4
39	Tracking the Origin and Evolution of Diagenetic Fluids of Upper Jurassic Carbonate Rocks in the Zagros Thrust Fold Belt, NE-Iraq. Water (Switzerland), 2021, 13, 3284.	1.2	7
40	Hydrothermal Fluids and Cold Meteoric Waters along Tectonic-Controlled Open Spaces in Upper Cretaceous Carbonate Rocks, NE-Iraq: Scanning Data from In Situ U-Pb Geochronology and Microthermometry. Water (Switzerland), 2021, 13, 3559.	1.2	9
41	Hydrothermal fluid flow associated to the extensional evolution of the Adriatic rifted margin: Insights from the preâ€•to postâ€•rift sedimentary sequence (SE Switzerland, N ITALY). Basin Research, 2020, 32, 91-115.	1.3	22
42	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
43	U-Pb-Hf isotopic data from detrital zircons in late Carboniferous and Mid-Late Triassic sandstones, and also Carboniferous granites from the Tauride and Anatolide continental units in S Turkey: implications for Tethyan palaeogeography. International Geology Review, 2020, 62, 1159-1186.	1.1	21
44	Testing the preservation potential of early diagenetic dolomites as geochemical archives. Sedimentology, 2020, 67, 849-881.	1.6	45
45	In situ U-Pb dating of hydrothermal diagenesis in tectonically controlled fracturing in the Upper Cretaceous Bekhme Formation, Kurdistan Region-Iraq. International Geology Review, 2020, 62, 2261-2279.	1.1	22
46	Crustal evolution of peri-Gondwana crust into present day Europe: The Serbo-Macedonian and Rhodope massifs as a case study. Lithos, 2020, 356-357, 105295.	0.6	19
47	Disproving the Presence of Paleozoicâ€Triassic Metamorphic Rocks on the Island of Zannone (Central) Tj ETQq1 1 0.784314 rgBT /Ov 2020, 39, e2020TC006296.	1.3	15
48	Stacked megafans of the Kalahari Basin as archives of paleogeography, river capture, and Cenozoic paleoclimate of southwestern Africa. Journal of Sedimentary Research, 2020, 90, 980-1010.	0.8	8
49	Evolution of the Kiruna-type Gol-e-Gohar iron ore district, Sanandaj-Sirjan zone, Iran. Ore Geology Reviews, 2020, 127, 103787.	1.1	4
50	Uâ€“Pb ages and Hf isotopic compositions of zircon from the Early Miocene Kestanbol Magmatic Complex in NW Anatolia (Turkey): Implications for crustal contribution in the post-collisional magmatism. Journal of Asian Earth Sciences, 2020, 192, 104262.	1.0	1
51	Quantifying deformation processes in the SE Pyrenees using Uâ€“Pb dating of fracture-filling calcites. Journal of the Geological Society, 2020, 177, 1186-1196.	0.9	28
52	Structural evolution of continental and marine Permian rock salt of the North German Basin: constraints from microfabrics, geochemistry and Uâ€“Pb ages. International Journal of Earth Sciences, 2020, 109, 2369-2387.	0.9	2
53	Exploring laser ablation Uâ€“Pb dating of regional metamorphic garnet â€“ The Straits Schist, Connecticut, USA. Earth and Planetary Science Letters, 2020, 552, 116589.	1.8	28
54	Neoproterozoic extension and the Central Iapetus Magmatic Province in southern Mexico â€“ New U-Pb ages, Hf-O isotopes and trace element data of zircon from the Chiapas Massif Complex. Gondwana Research, 2020, 88, 1-20.	3.0	15

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55	Causes and Consequences of Wehrlitization Beneath a Transâ€Lithospheric Fault: Evidence From Mesozoic Basaltâ€Borne Wehrlite Xenoliths From the Tanâ€Lu Fault Belt, North China Craton. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019084.	1.4	5
56	Metasomatic Evolution of Coesite-Bearing Diamondiferous Eclogite from the Udachnaya Kimberlite. Minerals (Basel, Switzerland), 2020, 10, 383.	0.8	14
57	Zircon U-Pb-Hf isotope systematics of Transvaal Supergroup â€“ Constraints for the geodynamic evolution of the Kaapvaal Craton and its hinterland between 2.65 and 2.06ÂGa. Precambrian Research, 2020, 345, 105760.	1.2	26
58	Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the TÅ™ebÃ•Pluton, the largest durbachitic body in the Bohemian Massif. International Journal of Earth Sciences, 2020, 109, 1767-1810.	0.9	30
59	Nepheline syenite intrusions from the Rengali Province, eastern India: Integrating geological setting, microstructures, and geochronological observations on their syntectonic emplacement. Precambrian Research, 2020, 346, 105802.	1.2	2
60	Cadomian (ca. 550ÂMa) magmatic and thermal imprint on the North Arabian-Nubian Shield (south and) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	12
61	From hydroplastic to brittle deformation: Controls on fluid flow in fold and thrust belts. Insights from the Lower Pedraforca thrust sheet (SE Pyrenees). Marine and Petroleum Geology, 2020, 120, 104517.	1.5	16
62	Geochronological and geochemical data from fracture-filling calcites from the Lower Pedraforca thrust sheet (SE Pyrenees). Data in Brief, 2020, 31, 105896.	0.5	0
63	Tectonic Evolution of the Northern Oman Mountains, Part of the Strait of Hormuz Syntaxis: New Structural and Paleothermal Analyses and Uâ€Pb Dating of Synkinematic Calcite. Tectonics, 2020, 39, e2019TC005936.	1.3	18
64	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
65	Hercynian anatexis in the envelope of the Beni Bousera peridotites (Alboran Domain, Morocco): Implications for the tectono-metamorphic evolution of the deep crustal roots of the Mediterranean region. Gondwana Research, 2020, 83, 157-182.	3.0	27
66	The missing link of Rodinia breakup in western South America: A petrographical, geochemical, and zircon Pb-Hf isotope study of the volcanosedimentary Chilla beds (Altiplano, Bolivia). , 2020, 16, 619-645.		11
67	Ultramafic Carbonated Meltâ€and Autoâ€Metasomatism in Mantle Eclogites: Compositional Effects and Geophysical Consequences. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008774.	1.0	24
68	Hafnium isotopic record of mantle-crust interaction in an evolving continental magmatic system. Earth and Planetary Science Letters, 2020, 535, 116100.	1.8	18
69	Characteristics and timing of hydrothermal fluid circulation in the fossil Pyrenean hyperextended rift system: new constraints from the ChaÃ®nons BÃ©arnais (W Pyrenees). International Journal of Earth Sciences, 2020, 109, 1071-1093.	0.9	17
70	Mesozoic deposits of SW Gondwana (Namibia): unravelling Gondwanan sedimentary dispersion drivers by detrital zircon. International Journal of Earth Sciences, 2020, 109, 1683-1704.	0.9	10
71	Reconstruction of the prograde PT history of highâ€P migmatitic paragneisses via meltâ€reintegration approach and thermodynamic modelling (Allochthonous Complexes, NW Iberian Massif). Journal of Metamorphic Geology, 2020, 38, 629-653.	1.6	3
72	Updated geochronology and isotope geochemistry of the Vila de Cruces Ophiolite: a case study of a peri-Gondwanan back-arc ophiolite. Geological Society Special Publication, 2020, , SP503-2020-8.	0.8	8

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73	Diamondiferous and barren eclogites and pyroxenites from the western Kaapvaal craton record subduction processes and mantle metasomatism, respectively. Lithos, 2020, 368-369, 105588.	0.6	14
74	Fault-controlled fluid circulation and diagenesis along basin-bounding fault systems in rifts â€“ insights from the East Greenland rift system. Solid Earth, 2020, 11, 1987-2013.	1.2	6
75	Petrogenesis of fractionated nested granite intrusions: the SedmihoÅ™Ã-Composite Stock (Bohemian) Tj ETQq1 1 0.784314 rgBT /Ov	0.3	0
76	HYDROTHERMAL MINERALISATION OF THE TATRIC SUPERUNIT (WESTERN CARPATHIANS, SLOVAKIA): II. GEOCHRONOLOGY AND TIMING OF MINERALISATIONS IN THE NÃŹKE TATRY MTS.. Geologica Carpathica, 2020, 71, .	0.2	1
77	The geochronological history of the Hohnsdorf Crystalline Complex (Germany) â€“ Piecing together the puzzling evolution of the Mid-German Crystalline Rise. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2020, 171, 121-133.	0.1	0
78	Geochronological constraints on the carbonate-sulfarsenide veins in DobÅ¡inÃ¡, Slovakia: U/Pb ages of hydrothermal carbonates, Re/Os age of gersdorffite, and K/Ar ages of fuchsite. Journal of Geosciences (Czech Republic), 2020, , 229-247.	0.3	2
79	Chronologic constraints on hominin dispersal outside Africa since 2.48â€¯Ma from the Zarqa Valley, Jordan. Quaternary Science Reviews, 2019, 219, 1-19.	1.4	30
80	A unique recipe for glass beads at Iron Age Sardis. Journal of Archaeological Science, 2019, 108, 104974.	1.2	9
81	Longâ€Period Astronomical Forcing of Westerlies' Strength in Central Asia During Miocene Climate Cooling. Paleoceanography and Paleoclimatology, 2019, 34, 1784-1806.	1.3	13
82	Shallow reworking of magmatic zircon grains of latest Neoproterozoic (Timanian) age in serpentinite of the Voykar Massif, Polar Urals: new constraints from U-Pb isotopic data, and first trace elements and Lu-Hf isotopic data. Gff, 2019, 141, 253-262.	0.4	1
83	Triassic evolution of the western Neotethys: constraints from microfabrics and Uâ€“Pb detrital zircon ages of the Plattenkalk Unit (External Hellenides, Greece). International Journal of Earth Sciences, 2019, 108, 2493-2529.	0.9	6
84	Unusual marbles in a non-metamorphic succession of the SW Alps (Valdieri, Italy) due to early Oligocene hydrothermal flow. International Journal of Earth Sciences, 2019, 108, 693-712.	0.9	5
85	Effects of multi-stage rifting and metasomatism on HSE-187Os/188Os systematics of the cratonic mantle beneath SW Greenland. Contributions To Mineralogy and Petrology, 2019, 174, 1.	1.2	11
86	Two-pyroxene syenitoids from the Moldanubian Zone of the Bohemian Massif: Peculiar magmas derived from a strongly enriched lithospheric mantle source. Lithos, 2019, 342-343, 239-262.	0.6	17
87	The essence of time â€“ fertile skarn formation in the Variscan Orogenic Belt. Earth and Planetary Science Letters, 2019, 519, 165-170.	1.8	42
88	Zircon Petrochronology and 40Ar/39Ar Thermochronology of the Adamello Intrusive Suite, N. Italy: Monitoring the Growth and Decay of an Incrementally Assembled Magmatic System. Journal of Petrology, 2019, 60, 701-722.	1.1	38
89	Correlation between Composition and Mechanical Properties of Calcium Silicate Hydrates Identified by Infrared Spectroscopy and Density Functional Theory. Journal of Physical Chemistry C, 2019, 123, 10868-10873.	1.5	25
90	Dating of anatase-forming diagenetic reactions in Rotliegend sandstones of the North German Basin. International Journal of Earth Sciences, 2019, 108, 1275-1292.	0.9	4

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91	High-Mg and Low-Mg Mantle Eclogites from Koidu (West African Craton) Linked by Neoproterozoic Ultramafic Melt Metasomatism of Subducted Archaean Plateau-like Oceanic Crust. Journal of Petrology, 2019, 60, 723-754.	1.1	23
92	Development of an Intrawedge Tectonic MÃ©lange by Outâ€ofâ€Sequence Thrusting, Buttressing, and Intraformational Rheological Contrast, Mt. Massico Ridge, Apennines, Italy. Tectonics, 2019, 38, 1223-1249.	1.3	25
93	Uâ€“Pb ages of magmatic and detrital zircon of the DÃ¶hlen Basin: geological history of a Permian strike-slip basin in the Elbe Zone (Germany). International Journal of Earth Sciences, 2019, 108, 887-910.	0.9	9
94	Archean Rare-Metal Pegmatites in Zimbabwe and Western Australia. SpringerBriefs in World Mineral Deposits, 2019, , .	0.5	15
95	Introduction to Archean Rare-Metal Pegmatites. SpringerBriefs in World Mineral Deposits, 2019, , 1-21.	0.5	2
96	Geological Settings of Archean Rare-Metal Pegmatites. SpringerBriefs in World Mineral Deposits, 2019, , 23-59.	0.5	1
97	Geochronology of Archean LCT Pegmatites. SpringerBriefs in World Mineral Deposits, 2019, , 87-94.	0.5	0
98	Genesis of Massive Pollucite Mineralisation in Archean LCT Pegmatites. SpringerBriefs in World Mineral Deposits, 2019, , 103-125.	0.5	0
99	Hafnium Isotopic Composition of the Bushveld Complex Requires Mantle Meltâ€“Upper Crust Mixing: New Evidence from Zirconology of Mafic, Felsic and Metasedimentary Rocks. Journal of Petrology, 2019, 60, 2169-2200.	1.1	18
100	Element Transfer and Redox Conditions in Continental Subduction Zones: New Insights from Peridotites of the Ulten Zone, North Italy. Journal of Petrology, 2019, 60, 231-268.	1.1	13
101	Building up the first continents: Mesoarchean to Paleoproterozoic crustal evolution in West Troms, Norway, inferred from granitoid petrology, geochemistry and zircon U-Pb/Lu-Hf isotopes. Precambrian Research, 2019, 321, 303-327.	1.2	25
102	Multi-proxy isotopic tracing of magmatic sources and crustal recycling in the Palaeozoic to Early Jurassic active margin of North-Western Gondwana. Gondwana Research, 2019, 66, 227-245.	3.0	11
103	Provenance of exotic Ordovician and Devonian sedimentary rock units from the Rhenish Massif (Central European Variscides, Germany). Tectonophysics, 2019, 755, 127-159.	0.9	4
104	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
105	The Chemical Evolution from Older (323â€“318 Ma) towards Younger Highly Evolved Tin Granites (315â€“314 Ma)â€”Sources and Metal Enrichment in Variscan Granites of the Western Erzgebirge (Central) Tj ETQq1 1 0.784314 rgBT	1.3	4
106	The rise of feathered dinosaurs:Kulindadromeus zabaikalicus, the oldest dinosaur with â€˜feather-likeâ€™ structures. PeerJ, 2019, 7, e6239.	0.9	6
107	Formation conditions and REY enrichment of the 2060ÂMa phosphorus mineralization at Schiel (South) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	10
108	The First Uâ€“Pb Isotopic Systematics of Natural Aeschynite and Coexisting Monazite. Doklady Earth Sciences, 2018, 478, 82-87.	0.2	0

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109	A new Uâ€“Pb zircon age and a volcanogenic model for the early Permian Chemnitz Fossil Forest. International Journal of Earth Sciences, 2018, 107, 2465-2489.	0.9	18
110	Archean magmatic-hydrothermal fluid evolution in the QuadrilÃ¡tero FerrÃfero (SE Brazil) documented by B isotopes (LA MC-ICPMS) in tourmaline. Chemical Geology, 2018, 481, 95-109.	1.4	25
111	The White Nile as a source for Nile sediments: Assessment using U-Pb geochronology of detrital rutile and monazite. Journal of African Earth Sciences, 2018, 140, 1-8.	0.9	7
112	Zircon (Hf, O isotopes) as melt indicator: Melt infiltration and abundant new zircon growth within melt rich layers of granulite-facies lenses versus solid-state recrystallization in hosting amphibolite-facies gneisses (central Erzgebirge, Bohemian Massif). Lithos, 2018, 302-303, 65-85.	0.6	14
113	New age constraints on the palaeoenvironmental evolution of the late Paleozoic back-arc basin along the western Gondwana margin of southern Peru. Journal of South American Earth Sciences, 2018, 82, 165-180.	0.6	6
114	Subduction factory in an ampoule: Experiments on sedimentâ€“peridotite interaction under temperature gradient conditions. Geochimica Et Cosmochimica Acta, 2018, 223, 319-349.	1.6	20
115	Reconstruction of a >200â€¯Ma multi-stage â€œfive elementâ€•Bi-Co-Ni-Fe-As-S system in the Penninic Alps, Switzerland. Ore Geology Reviews, 2018, 95, 746-788.	1.1	27
116	Extensive reworking of Archaean crust within the Birimian terrane in Ghana as revealed by combined zircon U-Pb and Lu-Hf isotopes. Geoscience Frontiers, 2018, 9, 173-189.	4.3	35
117	Late Oligocene to early Miocene humidity change recorded in terrestrial sequences in the Ili Basin (southâ€eastern Kazakhstan, Central Asia). Sedimentology, 2018, 65, 517-539.	1.6	28
118	A new Uâ€“Pb LA-ICP-MS age of the Rumburk granite (Lausitz Block, Saxo-Thuringian Zone): constraints for a magmatic event in the Upper Cambrian. International Journal of Earth Sciences, 2018, 107, 933-953.	0.9	17
119	A ~565ÂMa old glaciation in the Ediacaran of peri-Gondwanan West Africa. International Journal of Earth Sciences, 2018, 107, 885-911.	0.9	55
120	The Diamantina Monazite: A New Lowâ€Th Reference Material for Microanalysis. Geostandards and Geoanalytical Research, 2018, 42, 25-47.	1.7	32
121	Late-stage anhydrite-gypsum-siderite-dolomite-calcite assemblages record the transition from a deep to a shallow hydrothermal system in the Schwarzwald mining district, SW Germany. Geochimica Et Cosmochimica Acta, 2018, 223, 259-278.	1.6	41
122	From Cadomian magmatic arc to Rheic ocean closure: The geochronological-geochemical record of nappe protoliths of the MÃ¼nchberg Massif, NE Bavaria (Germany). Gondwana Research, 2018, 55, 135-152.	3.0	36
123	New U-Pb dates show a Paleogene origin for the modern Asian biodiversity hot spots. Geology, 2018, 46, 3-6.	2.0	74
124	Absolute ages of multiple generations of brittle structures by U-Pb dating of calcite. Geology, 2018, 46, 207-210.	2.0	121
125	U-Pb dating of calcite cement and diagenetic history in microporous carbonate reservoirs: Case of the Urgonian Limestone, France. Geology, 2018, 46, 247-250.	2.0	65
126	An emerging thermochronometer for carbonate-bearing rocks: â^†47 /(U-Pb). Geology, 2018, 46, 1067-1070.	2.0	60

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127	Anatectic Granitic Pegmatites from the Eastern Alps: A Case of Variable Rare-Metal Enrichment During High-Grade Regional Metamorphism â€“ I: Mineral Assemblages, Geochemical Characteristics, and Emplacement Ages. Canadian Mineralogist, 2018, 56, 555-602.	0.3	27
128	First Results of Uâ€“Pb LAâ€“ICPâ€“MS Isotope Dating of Detrital Zircons from Arkose Sandstone of the Biryan Subformation of Zilmerdak Formation (Upper Riphean, South Urals). Doklady Earth Sciences, 2018, 482, 1275-1277.	0.2	20
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130	Metamorphic P-T path and SIMS zircon U-Pb dating of amphibolite of the Namche Barwa Complex, southeast Tibet, China. Lithos, 2018, 320-321, 454-469.	0.6	12
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