

Axel Gerdes

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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.

398
papers

16,567
citations

62
h-index

115
g-index

420
ext. papers

18,955
ext. citations

3.1
avg, IF

6.94
L-index

#	Paper	IF	Citations
398	Implications for sedimentary transport processes in southwestern Africa: a combined zircon morphology and age study including extensive geochronology databases. <i>International Journal of Earth Sciences</i> , 2022 , 111, 767	2.2	0
397	In situ-produced cosmogenic krypton in zircon and its potential for Earth surface applications. <i>Geochronology</i> , 2022 , 4, 65-85	3.8	
396	Development of a synorogenic composite sill at deep structural levels of a magmatic arc (Odenwald, Germany). Part 2: Rheological inversion and mullion formation under bulk constriction. <i>Journal of Structural Geology</i> , 2022 , 155, 104525	3	
395	Age constraints of the Sturtian glaciation on western Baltica based on U-Pb and Ar-Ar dating of the Lapichi Svita. <i>Precambrian Research</i> , 2022 , 371, 106595	3.9	0
394	Crustal evolution of Western Europe: Constraints from detrital zircon U-Pb-Hf-O isotopes. <i>Gondwana Research</i> , 2022 , 106, 379-396	5.1	0
393	Accessories in Kaiserstuhl carbonatites and related rocks as accurate and faithful recorders of whole rock age and isotopic composition. <i>International Journal of Earth Sciences</i> , 2022 , 111, 573-588	2.2	0
392	Tracking the Origin and Evolution of Diagenetic Fluids of Upper Jurassic Carbonate Rocks in the Zagros Thrust Fold Belt, NE-Iraq. <i>Water (Switzerland)</i> , 2021 , 13, 3284	3	0
391	Formation mechanisms of macroscopic globules in andesitic glasses from the Izu Bonin Mariana forearc (IODP Expedition 352). <i>Contributions To Mineralogy and Petrology</i> , 2021 , 176, 1	3.5	1
390	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. <i>Tectonophysics</i> , 2021 , 805, 228774	3.1	0
389	Compositional variability of Mg/Ca, Sr/Ca, and Na/Ca in the deep-sea bivalve <i>Acesta excavata</i> (Fabricius, 1779). <i>PLoS ONE</i> , 2021 , 16, e0245605	3.7	2
388	Origin of Graphite-Diamond-Bearing Eclogites from Udachnaya Kimberlite Pipe. <i>Journal of Petrology</i> , 2021 , 62,	3.9	2
387	Metasomatism and deformation of block-in-matrix structures in Syros: The role of inheritance and fluid-rock interactions along the subduction interface. <i>Lithos</i> , 2021 , 386-387, 105996	2.9	5
386	Long-lived intracontinental deformation associated with high geothermal gradients in the Seridó Belt (Borborema Province, Brazil). <i>Precambrian Research</i> , 2021 , 358, 106141	3.9	3
385	Central Asian modulation of Northern Hemisphere moisture transfer over the Late Cenozoic. <i>Communications Earth & Environment</i> , 2021 , 2,	6.1	1
384	Drainage response to Arabia-Eurasia collision: Insights from provenance examination of the Cyprian Kythrea flysch (Eastern Mediterranean Basin). <i>Basin Research</i> , 2021 , 33, 26-47	3.2	3
383	Zircon geochronology and O-Hf isotopes of Cappadocian ignimbrites: New insights into continental crustal architecture underneath the Central Anatolian Volcanic Province, Turkey. <i>Gondwana Research</i> , 2021 , 91, 166-187	5.1	1
382	Early Cambrian oceanic island-arc magmatism at the paleo-Pacific margin of East Gondwana: Evidence from northern Victoria Land (Antarctica). <i>Lithos</i> , 2021 , 382-383, 105925	2.9	

381	Accurate correction for the matrix interference on laser ablation MC-ICPMS boron isotope measurements in CaCO ₃ and silicate matrices. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1607-1617	3.7	2
380	Precise and accurate Lu/Hf isotope analysis of columbite-group minerals by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1643-1656	3.7	0
379	Detrital zircon and rutile U/Pb, Hf isotopes and heavy mineral assemblages of Israeli Miocene sands: Fingerprinting the Arabian provenance of the Levant. <i>Basin Research</i> , 2021 , 33, 1967-1984	3.2	1
378	Multi-stage sulfur and carbon mobility in fossil continental subduction zones: New insights from carbonate-bearing orogenic peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2021 , 306, 143-170	5.5	0
377	Two-phase late Paleozoic magmatism (~ 313±12 and ~ 299±98 Ma) in the Lusatian Block and its relation to large scale NW striking fault zones: evidence from zircon U/Pb CA-ID-TIMS geochronology, bulk rock- and zircon chemistry. <i>International Journal of Earth Sciences</i> , 2021 , 110, 2923	2.2	0
376	In-situ U-Pb dating of Ries Crater lacustrine carbonates (Miocene, South-West Germany): Implications for continental carbonate chronostratigraphy. <i>Earth and Planetary Science Letters</i> , 2021 , 568, 117011	5.3	3
375	U/Pb dating of carbonate veins constraining timing of beef growth and oil generation within Vaca Muerta Formation and compression history in the Neuquén Basin along the Andean fold and thrust belt. <i>Marine and Petroleum Geology</i> , 2021 , 132, 105204	4.7	4
374	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. <i>Tectonophysics</i> , 2021 , 819, 229076	3.1	2
373	Timing of native metal-arsenide (Ag-Bi-Co-Ni-As-U) veins in continental rift zones: In situ U-Pb geochronology of carbonates from the Erzgebirge/Krušné Hory province. <i>Chemical Geology</i> , 2021 , 584, 120476	4.2	1
372	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. <i>Water (Switzerland)</i> , 2021 , 13, 3559	3	2
371	Causes and Consequences of Wehrlitization Beneath a Trans-Lithospheric Fault: Evidence From Mesozoic Basalt-Borne Wehrlite Xenoliths From the Tan-Lu Fault Belt, North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB019084	3.6	1
370	Metasomatic Evolution of Coesite-Bearing Diamondiferous Eclogite from the Udachnaya Kimberlite. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 383	2.4	5
369	Zircon U-Pb-Hf isotope systematics of Transvaal Supergroup: Constraints for the geodynamic evolution of the Kaapvaal Craton and its hinterland between 2.65 and 2.06 Ga. <i>Precambrian Research</i> , 2020 , 345, 105760	3.9	12
368	Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the Třebíč Pluton, the largest durbachitic body in the Bohemian Massif. <i>International Journal of Earth Sciences</i> , 2020 , 109, 1767-1810	2.3	15
367	Nepheline syenite intrusions from the Rengali Province, eastern India: Integrating geological setting, microstructures, and geochronological observations on their syntectonic emplacement. <i>Precambrian Research</i> , 2020 , 346, 105802	3.9	1
366	Cadomian (ca. 550 Ma) magmatic and thermal imprint on the North Arabian-Nubian Shield (south and central Israel): New age and isotopic constraints. <i>Precambrian Research</i> , 2020 , 346, 105804	3.9	5
365	From hydroplastic to brittle deformation: Controls on fluid flow in fold and thrust belts. Insights from the Lower Pedraforca thrust sheet (SE Pyrenees). <i>Marine and Petroleum Geology</i> , 2020 , 120, 104514	4.7	11
364	Geochronological and geochemical data from fracture-filling calcites from the Lower Pedraforca thrust sheet (SE Pyrenees). <i>Data in Brief</i> , 2020 , 31, 105896	1.2	

363	Tectonic Evolution of the Northern Oman Mountains, Part of the Strait of Hormuz Syntaxis: New Structural and Paleothermal Analyses and U-Pb Dating of Synkinematic Calcite. <i>Tectonics</i> , 2020 , 39, e2019TC005936	4.3	8
362	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
361	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. <i>Gondwana Research</i> , 2020 , 83, 157-182	5.1	17
360	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		5
359	Ultramafic Carbonated Melt- and Auto-Metasomatism in Mantle Eclogites: Compositional Effects and Geophysical Consequences. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2019GC008774	3.6	9
358	Hafnium isotopic record of mantle-crust interaction in an evolving continental magmatic system. <i>Earth and Planetary Science Letters</i> , 2020 , 535, 116100	5.3	9
357	Characteristics and timing of hydrothermal fluid circulation in the fossil Pyrenean hyperextended rift system: new constraints from the Chañons Bàrnais (W Pyrenees). <i>International Journal of Earth Sciences</i> , 2020 , 109, 1071-1093	2.2	10
356	Mesozoic deposits of SW Gondwana (Namibia): unravelling Gondwanan sedimentary dispersion drivers by detrital zircon. <i>International Journal of Earth Sciences</i> , 2020 , 109, 1683-1704	2.2	5
355	Reconstruction of the prograde PT history of high-P migmatitic paragneisses via melt-reintegration approach and thermodynamic modelling (Allochthonous Complexes, NW Iberian Massif). <i>Journal of Metamorphic Geology</i> , 2020 , 38, 629-653	4.4	2
354	Fault-controlled fluid circulation and diagenesis along basin-bounding fault systems in rifts □ insights from the East Greenland rift system. <i>Solid Earth</i> , 2020 , 11, 1987-2013	3.3	3
353	Diamondiferous and barren eclogites and pyroxenites from the western Kaapvaal craton record subduction processes and mantle metasomatism, respectively. <i>Lithos</i> , 2020 , 368-369, 105588	2.9	5
352	Testing the preservation potential of early diagenetic dolomites as geochemical archives. <i>Sedimentology</i> , 2020 , 67, 849-881	3.3	21
351	In situ U-Pb dating of hydrothermal diagenesis in tectonically controlled fracturing in the Upper Cretaceous Bekhme Formation, Kurdistan Region-Iraq. <i>International Geology Review</i> , 2020 , 62, 2261-2279	2.3	11
350	Crustal evolution of peri-Gondwana crust into present day Europe: The Serbo-Macedonian and Rhodope massifs as a case study. <i>Lithos</i> , 2020 , 356-357, 105295	2.9	13
349	Disproving the Presence of Paleozoic-Triassic Metamorphic Rocks on the Island of Zannone (Central Italy): Implications for the Early Stages of the Tyrrhenian-Appennines Tectonic Evolution. <i>Tectonics</i> , 2020 , 39, e2020TC006296	4.3	9
348	Stacked megafans of the Kalahari Basin as archives of paleogeography, river capture, and Cenozoic paleoclimate of southwestern Africa. <i>Journal of Sedimentary Research</i> , 2020 , 90, 980-1010	2.1	2
347	Evolution of the Kiruna-type Gol-e-Gohar iron ore district, Sanandaj-Sirjan zone, Iran. <i>Ore Geology Reviews</i> , 2020 , 127, 103787	3.2	2
346	U-Pb ages and Hf isotopic compositions of zircon from the Early Miocene Kestanol Magmatic Complex in NW Anatolia (Turkey): Implications for crustal contribution in the post-collisional magmatism. <i>Journal of Asian Earth Sciences</i> , 2020 , 192, 104262	2.8	0

345	Quantifying deformation processes in the SE Pyrenees using U-Pb dating of fracture-filling calcites. <i>Journal of the Geological Society</i> , 2020 , 177, 1186-1196	2.7	7
344	The evolution of the southern Namibian Karoo-aged basins: implications from detrital zircon geochronologic and geochemistry data. <i>International Geology Review</i> , 2020 , 1-24	2.3	7
343	Structural evolution of continental and marine Permian rock salt of the North German Basin: constraints from microfabrics, geochemistry and U-Pb ages. <i>International Journal of Earth Sciences</i> , 2020 , 109, 2369-2387	2.2	
342	Exploring laser ablation U-Pb dating of regional metamorphic garnet in The Straits Schist, Connecticut, USA. <i>Earth and Planetary Science Letters</i> , 2020 , 552, 116589	5.3	7
341	Neoproterozoic extension and the Central Iapetus Magmatic Province in southern Mexico: New U-Pb ages, Hf-O isotopes and trace element data of zircon from the Chiapas Massif Complex. <i>Gondwana Research</i> , 2020 , 88, 1-20	5.1	7
340	Hydrothermal fluid flow associated to the extensional evolution of the Adriatic rifted margin: Insights from the pre- to post-rift sedimentary sequence (SE Switzerland, N ITALY). <i>Basin Research</i> , 2020 , 32, 91-115	3.2	11
339	Phase equilibria constraints on crystallization differentiation: insights into the petrogenesis of the normally zoned Buddusjù Pluton in north-central Sardinia. <i>Geological Society Special Publication</i> , 2020 , 491, 243-265	1.7	2
338	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. <i>International Geology Review</i> , 2020 , 62, 1159-1186	2.3	10
337	100 myr cycles of oceanic lithosphere generation in peri-Gondwana: Neoproterozoic-Devonian ophiolites from the NW African-Iberian margin of Gondwana and the Variscan Orogen. <i>Geological Society Special Publication</i> , 2020 , SP503-2020-3	1.7	8
336	Updated geochronology and isotope geochemistry of the Vila de Cruces Ophiolite: a case study of a peri-Gondwanan back-arc ophiolite. <i>Geological Society Special Publication</i> , 2020 , SP503-2020-8	1.7	5
335	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. <i>Gff</i> , 2019 , 141, 253-262	0.9	1
334	Triassic evolution of the western Neotethys: constraints from microfabrics and U-Pb detrital zircon ages of the Plattenkalk Unit (External Hellenides, Greece). <i>International Journal of Earth Sciences</i> , 2019 , 108, 2493-2529	2.2	2
333	Unusual marbles in a non-metamorphic succession of the SW Alps (Valdieri, Italy) due to early Oligocene hydrothermal flow. <i>International Journal of Earth Sciences</i> , 2019 , 108, 693-712	2.2	4
332	Effects of multi-stage rifting and metasomatism on HSE-187Os/188Os systematics of the cratonic mantle beneath SW Greenland. <i>Contributions To Mineralogy and Petrology</i> , 2019 , 174, 1	3.5	10
331	Two-pyroxene syenitoids from the Moldanubian Zone of the Bohemian Massif: Peculiar magmas derived from a strongly enriched lithospheric mantle source. <i>Lithos</i> , 2019 , 342-343, 239-262	2.9	12
330	The essence of time: Fertile skarn formation in the Variscan Orogenic Belt. <i>Earth and Planetary Science Letters</i> , 2019 , 519, 165-170	5.3	25
329	Zircon Petrochronology and ⁴⁰ Ar/ ³⁹ Ar ThermoChronology of the Adamello Intrusive Suite, N. Italy: Monitoring the Growth and Decay of an Incrementally Assembled Magmatic System. <i>Journal of Petrology</i> , 2019 , 60, 701-722	3.9	21
328	Correlation between Composition and Mechanical Properties of Calcium Silicate Hydrates Identified by Infrared Spectroscopy and Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 10868-10873	3.8	13

327	Dating of anatase-forming diagenetic reactions in Rotliegend sandstones of the North German Basin. <i>International Journal of Earth Sciences</i> , 2019 , 108, 1275-1292	2.2	2
326	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. <i>Journal of Petrology</i> , 2019 , 60, 723-754	3.9	15
325	Chronologic constraints on hominin dispersal outside Africa since 2.48 Ma from the Zarqa Valley, Jordan. <i>Quaternary Science Reviews</i> , 2019 , 219, 1-19	3.9	20
324	A unique recipe for glass beads at Iron Age Sardis. <i>Journal of Archaeological Science</i> , 2019 , 108, 104974	2.9	3
323	Long-Period Astronomical Forcing of Westerlies' Strength in Central Asia During Miocene Climate Cooling. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1784-1806	3.3	6
322	The Chemical Evolution from Older (323±18 Ma) towards Younger Highly Evolved Tin Granites (315±14 Ma) Sources and Metal Enrichment in Variscan Granites of the Western Erzgebirge (Central European Variscides, Germany). <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 769	2.4	3
321	The rise of feathered dinosaurs: , the oldest dinosaur with 'feather-like' structures. <i>PeerJ</i> , 2019 , 7, e62393	3.1	4
320	Development of an Intra-wedge Tectonic Mlange by Out-of-Sequence Thrusting, Buttressing, and Intraformational Rheological Contrast, Mt. Massico Ridge, Apennines, Italy. <i>Tectonics</i> , 2019 , 38, 1223-1249	4.3	16
319	U-Pb ages of magmatic and detrital zircon of the Döhlen Basin: geological history of a Permian strike-slip basin in the Elbe Zone (Germany). <i>International Journal of Earth Sciences</i> , 2019 , 108, 887-910	2.2	5
318	Archean Rare-Metal Pegmatites in Zimbabwe and Western Australia. <i>SpringerBriefs in World Mineral Deposits</i> , 2019 ,	0.2	8
317	Introduction to Archean Rare-Metal Pegmatites. <i>SpringerBriefs in World Mineral Deposits</i> , 2019 , 1-21	0.2	
316	Geological Settings of Archean Rare-Metal Pegmatites. <i>SpringerBriefs in World Mineral Deposits</i> , 2019 , 23-59	0.2	
315	Geochronology of Archean LCT Pegmatites. <i>SpringerBriefs in World Mineral Deposits</i> , 2019 , 87-94	0.2	
314	Genesis of Massive Pollucite Mineralisation in Archean LCT Pegmatites. <i>SpringerBriefs in World Mineral Deposits</i> , 2019 , 103-125	0.2	
313	Hafnium Isotopic Composition of the Bushveld Complex Requires Mantle Melt-Upper Crust Mixing: New Evidence from Zirconology of Mafic, Felsic and Metasedimentary Rocks. <i>Journal of Petrology</i> , 2019 , 60, 2169-2200	3.9	14
312	Element Transfer and Redox Conditions in Continental Subduction Zones: New Insights from Peridotites of the Ulten Zone, North Italy. <i>Journal of Petrology</i> , 2019 , 60, 231-268	3.9	8
311	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. <i>Precambrian Research</i> , 2019 , 321, 303-327	3.9	14
310	Multi-proxy isotopic tracing of magmatic sources and crustal recycling in the Palaeozoic to Early Jurassic active margin of North-Western Gondwana. <i>Gondwana Research</i> , 2019 , 66, 227-245	5.1	7

309	Provenance of exotic Ordovician and Devonian sedimentary rock units from the Rhenish Massif (Central European Variscides, Germany). <i>Tectonophysics</i> , 2019 , 755, 127-159	3.1	0
308	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
307	Formation conditions and REY enrichment of the 2060 Ma phosphorus mineralization at Schiel (South Africa): geochemical and geochronological constraints. <i>Mineralium Deposita</i> , 2018 , 53, 1117-1142	4.8	8
306	The First U-Pb Isotopic Systematics of Natural Aeschynite and Coexisting Monazite. <i>Doklady Earth Sciences</i> , 2018 , 478, 82-87	0.6	
305	A new U-Pb zircon age and a volcanogenic model for the early Permian Chemnitz Fossil Forest. <i>International Journal of Earth Sciences</i> , 2018 , 107, 2465-2489	2.2	13
304	Archean magmatic-hydrothermal fluid evolution in the Quadrilheiro Ferrífero (SE Brazil) documented by B isotopes (LA MC-ICPMS) in tourmaline. <i>Chemical Geology</i> , 2018 , 481, 95-109	4.2	19
303	The White Nile as a source for Nile sediments: Assessment using U-Pb geochronology of detrital rutile and monazite. <i>Journal of African Earth Sciences</i> , 2018 , 140, 1-8	2.2	5
302	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). <i>Lithos</i> , 2018 , 302-303, 65-85	2.9	8
301	New age constraints on the palaeoenvironmental evolution of the late Paleozoic back-arc basin along the western Gondwana margin of southern Peru. <i>Journal of South American Earth Sciences</i> , 2018 , 82, 165-180	2	3
300	Subduction factory in an ampoule: Experiments on sediment-peridotite interaction under temperature gradient conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 223, 319-349	5.5	13
299	Reconstruction of a >200 Ma multi-stage five element Bi-Co-Ni-Fe-As-S system in the Penninic Alps, Switzerland. <i>Ore Geology Reviews</i> , 2018 , 95, 746-788	3.2	18
298	Extensive reworking of Archaean crust within the Birimian terrane in Ghana as revealed by combined zircon U-Pb and Lu-Hf isotopes. <i>Geoscience Frontiers</i> , 2018 , 9, 173-189	6	28
297	Late Oligocene to early Miocene humidity change recorded in terrestrial sequences in the Ili Basin (south-eastern Kazakhstan, Central Asia). <i>Sedimentology</i> , 2018 , 65, 517-539	3.3	20
296	A new U-Pb LA-ICP-MS age of the Rumburk granite (Lausitz Block, Saxo-Thuringian Zone): constraints for a magmatic event in the Upper Cambrian. <i>International Journal of Earth Sciences</i> , 2018 , 107, 933-953	2.2	10
295	A ~565 Ma old glaciation in the Ediacaran of peri-Gondwanan West Africa. <i>International Journal of Earth Sciences</i> , 2018 , 107, 885-911	2.2	35
294	The Diamantina Monazite: A New Low-Th Reference Material for Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2018 , 42, 25-47	3.6	20
293	Combined zircon U-Pb and Lu-Hf isotopes study of magmatism and high-P metamorphism of the basal allochthonous units in the SW Iberian Massif (Ossa-Morena complex). <i>Lithos</i> , 2018 , 322, 20-37	2.9	15
292	In situ LA-ICPMS Isotopic and Geochronological Studies on Carbonatites and Phoscorites from the Guli Massif, Maymecha-Kotuy, Polar Siberia. <i>Geochemistry International</i> , 2018 , 56, 766-783	0.8	6

291	Reconstruction of late Holocene autumn/winter precipitation variability in SW Romania from a high-resolution speleothem trace element record. <i>Earth and Planetary Science Letters</i> , 2018 , 499, 122-133	5.3	27
290	Paleosols on the Ediacaran basalts of the East European Craton: A unique record of paleoweathering with minimum diagenetic overprint. <i>Precambrian Research</i> , 2018 , 316, 66-82	3.9	17
289	Age and temperature-time evolution of retrogressed eclogite-facies rocks in the Paleoproterozoic Nagssugtoqidian Orogen, South-East Greenland: Constrained from U-Pb dating of zircon, monazite, titanite and rutile. <i>Precambrian Research</i> , 2018 , 314, 468-486	3.9	16
288	Cadomian metasediments and Ordovician sandstone from Corsica: detrital zircon U-Pb-Eu f constrains on their provenance and paleogeography. <i>International Journal of Earth Sciences</i> , 2018 , 107, 2803-2818	2.2	10
287	Synergies in elemental mobility during weathering of tetrahedrite [(Cu,Fe,Zn) ₁₂ (Sb,As) ₄ S ₁₃]: Field observations, electron microscopy, isotopes of Cu, C, O, radiometric dating, and water geochemistry. <i>Chemical Geology</i> , 2018 , 488, 1-20	4.2	9
286	Sr, Nd, and Hf Isotope Composition of Rocks of the Reft Gabbro-Diorite-Monolite Complex (Eastern Slope of the Middle Urals): Petrological and Geological Implications. <i>Geochemistry International</i> , 2018 , 56, 495-508	0.8	1
285	The connection between hydrothermal fluids, mineralization, tectonics and magmatism in a continental rift setting: Fluorite Sm-Nd and hematite and carbonates U-Pb geochronology from the Rhinegraben in SW Germany. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 240, 11-42	5.5	33
284	Proterozoic to Cretaceous evolution of the western and central Pearya Terrane (Canadian High Arctic). <i>Journal of Geodynamics</i> , 2018 , 120, 45-76	2.2	23
283	Thermal evolution in the exhumed basement of a stratovolcano: case study of the Miocene Móra Volcano, Pannonian Basin. <i>Journal of the Geological Society</i> , 2018 , 175, 820-835	2.7	4
282	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. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 223, 259-278	5.5	30
281	From Cadomian magmatic arc to Rheic ocean closure: The geochronological-geochemical record of nappe protoliths of the Múchberg Massif, NE Bavaria (Germany). <i>Gondwana Research</i> , 2018 , 55, 135-152	5.1	25
280	New U-Pb dates show a Paleogene origin for the modern Asian biodiversity hot spots. <i>Geology</i> , 2018 , 46, 3-6	5	43
279	Absolute ages of multiple generations of brittle structures by U-Pb dating of calcite. <i>Geology</i> , 2018 , 46, 207-210	5	82
278	U-Pb dating of calcite cement and diagenetic history in microporous carbonate reservoirs: Case of the Urgonian Limestone, France. <i>Geology</i> , 2018 , 46, 247-250	5	45
277	An emerging thermochronometer for carbonate-bearing rocks: $^{47}\text{Ti}/(^{47}\text{Ti}+^{47}\text{Ca})$ (U-Pb). <i>Geology</i> , 2018 , 46, 1067-1070	5	37
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