Torsten Vennemann

List of Publications by Year
in descending order

170	15,547	53660	16605
papers	citations	45 h-index	123 g-index

172	172	172	37864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). Scientific Reports, 2019, 9, 18430.	1.6	9,028
2	Continuous-flow isotope ratio mass spectrometric analysis of carbonate minerals. Rapid Communications in Mass Spectrometry, 2003, 17, 1004-1006.	0.7	575
3	An empirical model for the solubility of H₂O in magmas to 3 kilobars. American Mineralogist, 1998, 83, 36-42.	0.9	349
4	Oxygen isotope analysis of phosphates: a comparison of techniques for analysis of Ag3PO4. Chemical Geology, 2002, 185, 321-336.	1.4	297
5	Climatic and biotic upheavals following the end-Permian mass extinction. Nature Geoscience, 2013, 6, 57-60.	5.4	230
6	Boron and Oxygen Isotope Composition of Certified Reference Materials NIST SRM 610/612 and Reference Materials JB-2 and JR-2. Geostandards and Geoanalytical Research, 2001, 25, 405-416.	1.7	148
7	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009588.	1.0	110
8	The Gronnedal-Ika Carbonatite-Syenite Complex, South Greenland: Carbonatite Formation by Liquid Immiscibility. Journal of Petrology, 2004, 46, 191-217.	1.1	109
9	Effects of speciation on equilibrium fractionations and rates of oxygen isotope exchange between (PO4)aq and H2O. Geochimica Et Cosmochimica Acta, 2003, 67, 3135-3144.	1.6	102
10	Nd-, O-, and H-isotopic evidence for complex, closed-system fluid evolution of the peralkaline IlÄ±limaussaq intrusion, south Greenland. Geochimica Et Cosmochimica Acta, 2004, 68, 3379-3395.	1.6	102
11	Reconstructing paleoelevation in eroded orogens. Geology, 2004, 32, 525.	2.0	97
12	The carbon isotope composition of natural SiC (moissanite) from the Earthâ€™s mantle: New discoveries from ophiolites. Lithos, 2009, 113, 612-620.	0.6	92
13	Hydrogen isotope exchange reactions between hydrous minerals and molecular hydrogen: I. A new approach for the determination of hydrogen isotope fractionation at moderate temperatures. Geochimica Et Cosmochimica Acta, 1996, 60, 2437-2451.	1.6	86
14	Mineral Zoning and Geochemistry of Epithermal Polymetallic Zn-Pb-Ag-Cu-Bi Mineralization at Cerro de Pasco, Peru. Economic Geology, 2008, 103, 493-537.	1.8	83
15	Variations of the 44Ca/40Ca ratio in seawater during the past 24 million years: evidence from Î´44Ca and Î´18O values of Miocene phosphates. Geochimica Et Cosmochimica Acta, 2003, 67, 2607-2614.	1.6	81
16	Understanding snow hydrological processes through the lens of stable water isotopes. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1311.	2.8	76
17	Unexpected large evasion fluxes of carbon dioxide from turbulent streams draining the worldâ€™s mountains. Nature Communications, 2019, 10, 4888.	5.8	71
18	Development of fluid conduits in the auriferous shear zones of the Hutti Gold Mine, India: evidence for spatially and temporally heterogeneous fluid flow. Tectonophysics, 2004, 378, 65-84.	0.9	70

#	Article	IF	Citations
19	Oxygen, strontium, and neodymium isotope composition of fossil shark teeth as a proxy for the palaeoceanography and palaeoclimatology of the Miocene northern Alpine Paratethys. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 142, 107-121.	1.0	65
20	Geochemical and isotopic constraints on the petrogenesis of granitoids from the Dalat zone, southern Vietnam. Journal of Asian Earth Sciences, 2004, 23, 467-482.	1.0	64
21	Magmatic Fluids in the Breccia-Hosted Epithermal Au-Ag Deposit of Rosia Montana, Romania. Economic Geology, 2006, 101, 923-954.	1.8	63
22	Arrested kinetic Li isotope fractionation at the margin of the IlÃmaussaq complex, South Greenland: Evidence for open-system processes during final cooling of peralkaline igneous rocks. Chemical Geology, 2007, 246, 207-230.	1.4	62
23	Multiple fluids involved in granite-related W-Sn deposits from the world-class Jiangxi province (China). Chemical Geology, 2019, 508, 92-115.	1.4	62
24	A reassessment of models for hydrocarbon generation in the Khibiny nepheline syenite complex, Kola Peninsula, Russia. Lithos, 2006, 91, 1-18.	0.6	59
25	Constraints on Miocene oceanography and climate in the Western and Central Paratethys: O-, Sr-, and Nd-isotope compositions of marine fish and mammal remains. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 271, 117-129.	1.0	59
26	Solubility of water in magmas to 2 kbar. Geology, 1995, 23, 1099.	2.0	58
27	Oxidation of methane at the CH4/H2Oâ€“(CO2) transition zone in the external part of the Central Alps, Switzerland: Evidence from stable isotope investigations. Chemical Geology, 2007, 237, 329-357.	1.4	58
28	Nd and Sr isotope compositions in modern and fossil bones â€“ Proxies for vertebrate provenance and taphonomy. Geochimica Et Cosmochimica Acta, 2011, 75, 5951-5970.	1.6	58
29	Stable isotope evidence for magmatic fluids in the Pueblo Viejo epithermal acid sulfate Au-Ag deposit, Dominican Republic. Economic Geology, 1993, 88, 55-71.	1.8	57
30	The rate and temperature of reaction of ClF3 with silicate minerals, and their relevance to oxygen isotope analysis. Chemical Geology: Isotope Geoscience Section, 1990, 86, 83-88.	0.7	55
31	Hydrogen and oxygen isotope evidence for origin of MVT-forming brines, southern Appalachians. Geochimica Et Cosmochimica Acta, 1997, 61, 1513-1523.	1.6	55
32	Isotopic composition (O, C, Sr, and Nd) and trace element ratios (Sr/Ca, Mg/Ca) of Miocene marine and brackish ostracods from North Alpine Foreland deposits (Germany and Austria) as indicators for palaeoclimate. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 225, 216-247.	1.0	55
33	Onset, development, and cessation of basal Early Triassic microbialites (BETM) in the Nanpanjiang pull-apart Basin, South China Block. Gondwana Research, 2017, 44, 178-204.	3.0	55
34	Geochemical study of vertebrate fossils from the Upper Cretaceous (Santonian) CsehbÃ¡nya Formation (Hungary): Evidence for a freshwater habitat of mosasaurs and pycnodont fish. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 532-542.	1.0	54
35	Migration of sharks into freshwater systems during the Miocene and implications for Alpine paleoelevation. Geology, 2007, 35, 451.	2.0	53
36	Controls on ostracod valve geochemistry: Part 2. Carbon and oxygen isotope compositions. Geochimica Et Cosmochimica Acta, 2011, 75, 7380-7399.	1.6	53

#	Article	IF	Citations
37	Hydrogen and oxygen isotope behaviors during variable degrees of upper mantle melting: Example from the basaltic glasses from Macquarie Island. Chemical Geology, 2012, 310-311, 126-136.	1.4	53
38	Correlations of octahedral cations with OH^{â^'}, O^{2â^'}, Cl^{â^'}, and F^{â^'}in biotite from volcanic rocks and xenoliths. American Mineralogist, 2002, 87, 142-153.	0.9	51
39	Microfabrics in carbonate mylonites along a large-scale shear zone (Helvetic Alps). Tectonophysics, 2007, 444, 1-26.	0.9	51
40	Syntectonic fluid-flow along thrust faults: Example of the South-Pyrenean fold-and-thrust belt. Marine and Petroleum Geology, 2014, 49, 84-98.	1.5	50
41	Sr and Nd isotope composition of Late Pleistocene sapropels and nonsapropelic sediments from the Eastern Mediterranean Sea. Geochimica Et Cosmochimica Acta, 2002, 66, 3585-3598.	1.6	48
42	Mixing of RhÃ´ne River water in Lake Geneva (Switzerlandâ€“France) inferred from stable hydrogen and oxygen isotope profiles. Journal of Hydrology, 2013, 477, 152-164.	2.3	47
43	Hydrothermal Fluid Processes and Evolution of the Giant Serra Norte Jaspilite-Hosted Iron Ore Deposits, Carajas Mineral Province, Brazil. Economic Geology, 2013, 108, 739-779.	1.8	47
44	Carbon and oxygen isotope halos in the host limestone, El Mochito Zn-Pb-(Ag) skarn massive sulfide-oxide deposit, Honduras. Economic Geology, 1998, 93, 15-31.	1.8	46
45	Disequilibrium partitioning of oxygen isotopes associated with sector zoning in quartz. Geology, 1995, 23, 1103.	2.0	45
46	Stable isotope ecology of Miocene large mammals from Sandelzhausen, southern Germany. Palaontologische Zeitschrift, 2009, 83, 207-226.	0.8	45
47	Two stages of gold mineralization at Hutti mine, India. Mineralium Deposita, 2013, 48, 99-114.	1.7	45
48	Megacrystic zircon with planar fractures in miaskite-type nepheline pegmatites formed at high pressures in the lower crust (Ivrea Zone, southern Alps, Switzerland). American Mineralogist, 2015, 100, 83-94.	0.9	45
49	Siliceous deep-sea sponge Monorhaphis chuni: A potential paleoclimate archive in ancient animals. Chemical Geology, 2012, 300-301, 143-151.	1.4	42
50	Metamorphic pressure variation in a coherent Alpine nappe challenges lithostatic pressure paradigm. Nature Communications, 2019, 10, 4734.	5.8	42
51	Ferric-ferrous ratios, H 2 O contents and D/H ratios of phlogopite and biotite from lavas of different tectonic regimes. Contributions To Mineralogy and Petrology, 1996, 126, 51-66.	1.2	41
52	New biotite and muscovite isotopic reference materials, USGS57 and USGS58, for Î´2H measurementsâ€“A replacement for NBS 30. Chemical Geology, 2017, 467, 89-99.	1.4	41
53	Opportunistic Feeding Strategy for the Earliest Old World Hypsodont Equids: Evidence from Stable Isotope and Dental Wear Proxies. PLoS ONE, 2013, 8, e74463.	1.1	41
54	Metastable prograde mineral reactions in contact aureoles. Geology, 2004, 32, 821.	2.0	40

#	Article	IF	Citations
55	Carbon isotope excursions and microfacies changes in marine Permianâ€“Triassic boundary sections in Hungary. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 237, 160-181.	1.0	40
56	Oligoâ€Miocene extensional tectonics and fluid flow across the Northern Snake Range detachment system, Nevada. Tectonics, 2011, 30, .	1.3	40
57	Stable isotope composition of impact glasses from the NÃ¶rdlinger Ries impact crater, Germany. Geochimica Et Cosmochimica Acta, 2001, 65, 1325-1336.	1.6	39
58	Preservation of an extreme transient geotherm in the Raft River detachment shear zone. Geology, 2011, 39, 759-762.	2.0	38
59	Ore genesis of Pbâ€“Zn deposits in the Nappe zone of Northern Tunisia: Constraints from Pbâ€“Sâ€“Câ€“O isotopic systems. Ore Geology Reviews, 2011, 40, 41-53.	1.1	38
60	A 13,600-year diatom oxygen isotope record from the South Carpathians (Romania): Reflection of winter conditions and possible links with North Atlantic circulation changes. Quaternary International, 2013, 293, 136-149.	0.7	38
61	Oxygen isotope sector zoning in natural hydrothermal quartz. Mineralogical Magazine, 2009, 73, 615-632.	0.6	37
62	Identification of glacial meltwater runoff in a karstic environment and its implication for present and future water availability. Hydrology and Earth System Sciences, 2013, 17, 3261-3277.	1.9	37
63	Highâ€Resolution Spatial Sampling Identifies Groundwater as Driver of CO₂ Dynamics in an Alpine Stream Network. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 1961-1976.	1.3	37
64	Characteristics and origin of agates in sedimentary rocks from the Dryhead area, Montana, USA. Mineralogical Magazine, 2009, 73, 673-690.	0.6	36
65	Stable isotope compositions of speleothems from the last interglacial â€“ Spatial patterns of climate fluctuations in Europe. Quaternary Science Reviews, 2017, 161, 68-80.	1.4	36
66	Analytical methods for the measurement of hydrogen isotope composition and water content in clay minerals by TC/EA. Chemical Geology, 2014, 363, 229-240.	1.4	35
67	Stable isotope profile across the orthoamphibole isograd in the Southern Marginal Zone of the Limpopo Belt, South Africa. Precambrian Research, 1992, 55, 365-397.	1.2	34
68	Phosphoric acid fractionation factors for smithsonite and cerussite between 25 and 72Â°C. Geochimica Et Cosmochimica Acta, 2003, 67, 4049-4055.	1.6	34
69	The Role of a Transcrustal Shear Zone in Orogenic Gold Mineralization at the Ajjanahalli Mine, Dharwar Craton, South India. Economic Geology, 2004, 99, 743-759.	1.8	34
70	The Magmatic to Hydrothermal Evolution of the Intrusive Mont Saint-Hilaire Complex: Insights into the Late-stage Evolution of Peralkaline Rocks. Journal of Petrology, 2011, 52, 2147-2185.	1.1	34
71	Stable isotope compositions of quartz pebbles and their fluid inclusions as tracers of sediment provenance: Implications for gold- and uranium-bearing quartz pebble conglomerates. Geology, 1992, 20, 837.	2.0	33
72	Formation of chlorite during thrust fault reactivation. Record of fluid origin and Pâ€“T conditions in the Monte Perdido thrust fault (southern Pyrenees). Contributions To Mineralogy and Petrology, 2012, 163, 1083-1102.	1.2	33

#	Article	IF	Citations
73	Tinderet volcano, Kenya: an altered natrocarbonatite locality?. Mineralogical Magazine, 2013, 77, 213-226.	0.6	33
74	Empirical calibration of the oxygen isotope fractionation between quartz and Feâ€“Mg-chlorite. Geochimica Et Cosmochimica Acta, 2015, 149, 21-31.	1.6	33
75	Linking megathrust earthquakes to brittle deformation in a fossil accretionary complex. Nature Communications, 2015, 6, 7504.	5.8	32
76	Controls on ostracod valve geochemistry, Part 1: Variations of environmental parameters in ostracod (micro-)habitats. Geochimica Et Cosmochimica Acta, 2011, 75, 7364-7379.	1.6	30
77	Quartz Reference Materials for Oxygen Isotope Analysis by <scp>SIMS</scp>. Geostandards and Geoanalytical Research, 2017, 41, 69-75.	1.7	30
78	Magmatic-dominated fluid evolution in the Jurassic Nambija gold skarn deposits (southeastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.7	28
79	Conodont-based Griesbachian biochronology of the Guryul Ravine section (basal Triassic, Kashmir,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	28
80	Genesis of the Jurassic Carbonateâ€Hosted Pbâ€“Zn Deposits of Jebel Ressas (Northâ€Eastern Tunisia): Evidence from Mineralogy, Petrography and Trace Metal Contents and Isotope (O, C, S, Pb) Geochemistry. Resource Geology, 2011, 61, 367-383.	0.3	27
81	Rate and processes of river network rearrangement during incipient faulting: The case of the Cahabon River, Guatemala. Numerische Mathematik, 2012, 312, 449-507.	0.7	26
82	Into the abyss of Lake Geneva: the elemo interdisciplinary field investigation using the MIR submersibles. Aquatic Sciences, 2014, 76, 1-6.	0.6	26
83	Stable isotope study of a new chondrichthyan fauna (Kimmeridgian, Porrentruy, Swiss Jura): an unusual freshwater-influenced isotopic composition for the hybodont shark <i>Asteracanthus</i>. Biogeosciences, 2015, 12, 6945-6954.	1.3	26
84	Synâ€orogenic fluid flow in the Jaca basin (south Pyrenean fold and thrust belt) from fracture and vein analyses. Basin Research, 2018, 30, 187-216.	1.3	26
85	Bacterial spores, from ecology to biotechnology. Advances in Applied Microbiology, 2019, 106, 79-111.	1.3	26
86	Sulfur and lead isotopes of Guern Halfaya and Bou Grine deposits (Domes zone, northern Tunisia): Implications for sources of metals and timing of mineralization. Ore Geology Reviews, 2013, 54, 17-28.	1.1	24
87	Neogene sharks and rays from the Brazilian â€˜Blue Amazonâ€™. PLoS ONE, 2017, 12, e0182740.	1.1	24
88	Textural, chemical, and isotopic effects of late-magmatic carbonatitic fluids in the carbonatiteâ€“syenite Tamazeght complex, High Atlas Mountains, Morocco. Mineralogy and Petrology, 2009, 97, 23-42.	0.4	23
89	Stable isotope composition of smectite in suevites at the Ries crater, Germany: Implications for hydrous alteration of impactites. Earth and Planetary Science Letters, 2010, 299, 190-195.	1.8	23
90	Early Late Permian coupled carbon and strontium isotope chemostratigraphy from South China: Extended Emeishan volcanism?. Gondwana Research, 2018, 58, 58-70.	3.0	23

#	Article	IF	Citations
91	Dynamics of the Largest Carbon Isotope Excursion During the Early Triassic Biotic Recovery. Frontiers in Earth Science, 2020, 8, .	0.8	23
92	Origin of Mineralizing Fluids of the Sediment-Hosted Navachab Gold Mine, Namibia: Constraints from Stable (O, H, C, S) Isotopes. Economic Geology, 2010, 105, 285-302.	1.8	22
93	Carbon and oxygen isotope zoning around Carlin-type gold deposits: a reconnaissance survey at Twin Creeks, Nevada. Journal of Geochemical Exploration, 1998, 63, 105-121.	1.5	21
94	H2O-ÎŤD-FeIII relations of dehydrogenation and dehydration processes in magmatic amphiboles. Rapid Communications in Mass Spectrometry, 2006, 20, 919-925.	0.7	21
95	Emplacement of ultramafic rocks into the continental crust monitored by light and other trace elements: An example from the Geisspfad body (Swiss-Italian Alps). Chemical Geology, 2008, 255, 143-159.	1.4	21
96	Origin and geochemistry of agates in Permian volcanic rocks of the Sub-Erzgebirge basin, Saxony (Germany). Chemical Geology, 2016, 428, 77-91.	1.4	21
97	Caution on the use of NBS 30 biotite for hydrogen-isotope measurements with on-line high-temperature conversion systems. Rapid Communications in Mass Spectrometry, 2014, 28, 1987-1994.	0.7	20
98	Are Late Permian carbon isotope excursions of local or of global significance?. Bulletin of the Geological Society of America, 2020, 132, 521-544.	1.6	19
99	Origin of CO2 and carbonate veins in mantle-derived xenoliths in the Pannonian Basin. Lithos, 2010, 117, 172-182.	0.6	18
100	Characterizing the bull shark Carcharhinus leucas habitat in Fiji by the chemical and isotopic compositions of their teeth. Environmental Biology of Fishes, 2015, 98, 1609-1622.	0.4	18
101	Pliocene and Early Pleistocene paleoenvironmental conditions in the Pannonian Basin (Hungary,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Palaeoclimatology, Palaeoecology, 2015, 440, 455-466.	1.0	18
102	Cold-Water Coral Mound Archive Provides Unique Insights Into Intermediate Water Mass Dynamics in the Alboran Sea During the Last Deglaciation. Frontiers in Marine Science, 2020, 7, .	1.2	18
103	Biotite Reference Materials for Secondary Ion Mass Spectrometry ¹⁸O/¹⁶O Measurements. Geostandards and Geoanalytical Research, 2017, 41, 243-253.	1.7	17
104	Greenland Ice Core Record of Last Glacial Dust Sources and Atmospheric Circulation. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	17
105	Strain and permeability gradients traced by stable isotope exchange inÂthe Raft River detachment shear zone, Utah. Journal of Structural Geology, 2015, 71, 41-57.	1.0	16
106	Using noble-gas and stable-isotope data to determine groundwater origin and flow regimes: Application to the Ceneri Base Tunnel (Switzerland). Journal of Hydrology, 2017, 545, 395-409.	2.3	16
107	Potential influence of the chemical composition of water on the stable oxygen isotope composition of continental ostracods. Journal of Paleolimnology, 2013, 50, 577-582.	0.8	14
108	Geochemical constraints on the genesis of the Pbâ€“Zn deposit of Jalta (northern Tunisia): Implications for timing of mineralization, sources of metals and relationship to the Neogene volcanism. Chemie Der Erde, 2014, 74, 601-613.	0.8	14

#	Article	IF	Citations
109	Neogene Caribbean elasmobranchs: diversity, paleoecology and paleoenvironmental significance of the Cocinetas Basin assemblage (Guajira Peninsula, Colombia). Biogeosciences, 2019, 16, 33-56.	1.3	14
110	Trace element and isotopic fingerprints in HPâ€“LT metamorphic rocks as a result of fluidâ€“rock interactions (Ile de Groix, France). Gondwana Research, 2013, 23, 880-900.	3.0	13
111	Infiltration of meteoric fluids in an extensional detachment shear zone (Kettle dome, WA, USA): How quartz dynamic recrystallization relates to fluid-rock interaction. Journal of Structural Geology, 2015, 71, 71-85.	1.0	13
112	Multiple Gold Mineralizing Styles in the Northern Pataz District, Peru. Economic Geology, 2016, 111, 355-394.	1.8	13
113	Evaluation of potential monazite reference materials for oxygen isotope analyses by SIMS and laser assisted fluorination. Chemical Geology, 2017, 450, 199-209.	1.4	13
114	Multi fluid-flow record during episodic mode I opening: A microstructural and SIMS study (Cotiella) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	13
115	Exceptional Multi Stage Mineralization of Secondary Minerals in Cavities of Flood Basalts from the Deccan Volcanic Province, India. Minerals (Basel, Switzerland), 2019, 9, 351.	0.8	13
116	Analyse stabiler und radiogener Isotope in archÃologischem Skelettmaterial: Herkunftsbestimmung des karolingischen Maultiers von Frankenthal und Vergleich mit spÃtpleistozÃnen GroÃŸsÃugerknochen aus den Rheinablagerungen. Prahistorische Zeitschrift, 2004, 79, .	0.1	12
117	Oxo-magnesio-hastingsite, NaCa₂(Mg₂Fe³⁺₃) Tj ETQq1 1 0.784314 rgBT /Overlo the Deeti volcanic cone, Gregory rift, northern Tanzania. Mineralogical Magazine, 2013, 77, 2773-2792.	0.6	12
118	Nature and origin of natural Zn clay minerals from the Bou Arhous Zn ore deposit: Evidence from electron microscopy (SEM-TEM) and stable isotope compositions (H and O). Applied Clay Science, 2016, 132-133, 377-390.	2.6	12
119	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
120	Mixing of RhÃ´ne River water in Lake Geneva: Seasonal tracing using stable isotope composition of water. Journal of Great Lakes Research, 2020, 46, 839-849.	0.8	11
121	Oxygen Isotope Compositions of Iron Oxides from High-Grade BIF-Hosted Iron Ore Deposits of the Central Hamersley Province, Western Australia: Constraints on the Evolution of Hydrothermal Fluids. Economic Geology, 2009, 104, 1019-1035.	1.8	11
122	Geological setting of the Guelb Moghrein Fe oxide-Cu-Au-Co mineralization, Akjoujt area, Mauritania. Geological Society Special Publication, 2008, 297, 53-75.	0.8	10
123	The origin of black colouration in onyx agate from Mali. Mineralogical Magazine, 2012, 76, 115-127.	0.6	10
124	Amphiboles as indicators of mantle source contamination: Combined evaluation of stable H and O isotope compositions and trace element ratios. Lithos, 2012, 152, 141-156.	0.6	10
125	Sedimentary-rock-hosted epithermal systems of the Tertiary Eastern Rhodopes, Bulgaria: new constraints from the Stremtsi gold prospect. Geological Society Special Publication, 2014, 402, 207-230.	0.8	10
126	Fluid evolution at the Variscan front in the vicinity of the Aachen thrust. International Journal of Earth Sciences, 2012, 101, 87-108.	0.9	9

#	Article	IF	Citations
127	Magmatic and meteoric fluid flow in the Bitterroot extensional detachment shear zone (MT, USA) from ductile to brittle conditions. Journal of Geodynamics, 2016, 101, 109-128.	0.7	9
128	Plioceneâ€“Early Pleistocene climatic trends in the Italian Peninsula based on stable oxygen and carbon isotope compositions of rhinoceros and gomphothere tooth enamel. Quaternary Science Reviews, 2017, 157, 52-65.	1.4	9
129	Fluidâ€“rock interactions related to metamorphic reducing fluid flow in meta-sediments: example of the Pic-de-Port-Vieux thrust (Pyrenees, Spain). Contributions To Mineralogy and Petrology, 2017, 172, 1.	1.2	9
130	Evaluating baddeleyite oxygen isotope analysis by secondary ion mass spectrometry (SIMS). Chemical Geology, 2018, 479, 113-122.	1.4	9
131	Volcanism and paleoenvironment of the pula maar complex: A pliocene terrestrial fossil site in Central Europe (Hungary). Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 537, 109398.	1.0	9
132	Geotectonic signature and hydrothermal alteration of metabasalts under- and overlying the giant Serra Norte iron deposits, CarajÃ¡s mineral Province. Ore Geology Reviews, 2020, 120, 103407.	1.1	9
133	Fast and pervasive diagenetic isotope exchange in foraminifera tests is species-dependent. Nature Communications, 2022, 13, 113.	5.8	9
134	Geochemical compositions of Neogene phosphatic brachiopods: Implications for ancient environmental and marine conditions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 326-328, 66-77.	1.0	8
135	Mineralogical and Geochemical Constraints on the Genesis of the Carbonateâ€Hosted <scp>J</scp>ebel <scp>G</scp>hozlane <scp><scp>Pbâ€“Zn</scp></scp> Deposit (<scp>N</scp>appe Zone,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.8	8
136	The Interplay of Evolved Seawater and Magmatic-Hydrothermal Fluids in the 3.24 Ga Panorama Volcanic-Hosted Massive Sulfide Hydrothermal System, North Pilbara Craton, Western Australia. Economic Geology, 2013, 108, 79-110.	1.8	8
137	Stable isotope composition of bentonites from the Swiss and Bavarian Freshwater Molasse as a proxy for paleoprecipitation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 455, 53-64.	1.0	8
138	Mixed hydrothermal and meteoric fluids evidenced by unusual H- and O-isotope compositions of kaolinite-halloysite in the Fe(-Mn) Tamra deposit (Nefza district, NW Tunisia). Applied Clay Science, 2018, 163, 33-45.	2.6	8
139	Rhinocerotidae (Mammalia, Perissodactyla) from the middle Pleistocene levels of Grotta Romanelli (Lecce, southern Italy). Geobios, 2018, 51, 453-468.	0.7	8
140	Interâ€laboratory Characterisation of Apatite Reference Materials for Oxygen Isotope Analysis and Associated Methodological Considerations. Geostandards and Geoanalytical Research, 2022, 46, 277-306.	1.7	8
141	Geochemical and H-O-Sr-Nd isotope evidence for magmatic processes and meteoric-water interactions in the basal complex of La Gomera, Canary Islands. Mineralogy and Petrology, 2010, 98, 181-195.	0.4	7
142	Characterization and origin of low-T willemite (Zn2SiO4) mineralization: the case of the Bou Arhous deposit (High Atlas, Morocco). Mineralium Deposita, 2017, 52, 1085-1102.	1.7	7
143	A geochemical and micro-textural comparison of basalt-hosted chalcedony from the Jurassic Drakensberg and Neoarchean Ventersdorp Supergroup (Vaal River alluvial gravels), South Africa. International Journal of Earth Sciences, 2019, 108, 1857-1877.	0.9	7
144	Formation, origin and geographic typing of corundum (ruby and pink sapphire) from the FiskenÃ¦sset complex, Greenland. Lithos, 2020, 366-367, 105536.	0.6	7

#	Article	IF	Citations
145	Whiteschist genesis through metasomatism and metamorphism in the Monte Rosa nappe (Western) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	7
146	Modelling changes in stable isotope compositions of minerals during net transfer reactions in a contact aureole: Wollastonite growth at the northern Hunter Mountain Batholith (Death Valley) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 69	1.4	6
147	Orebody geometry, fluid and metal sources of the Omitiomire Cu deposit in the Ekuja Dome of the Damara Belt in Namibia. Mineralium Deposita, 2018, 53, 261-276.	1.7	6
148	Whiting Events in a Large Periâ€Alpine Lake: Evidence of a Catchmentâ€Scale Process. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	6
149	Pliocene - Early Pleistocene continental climate and vegetation in Europe based on stable isotope compositions of mammal tooth enamel. Quaternary Science Reviews, 2022, 288, 107572.	1.4	6
150	Multiple methods for regional- to mine-scale targeting, Pataz gold field, northern Peru. Australian Journal of Earth Sciences, 2014, 61, 43-58.	0.4	5
151	Constraints on deep, CO2-rich degassing at arc volcanoes from solubility experiments on hydrous basaltic andesite of Pavlof Volcano, Alaska Peninsula, at 300 to 1200 MPa. American Mineralogist, 2021, 106, 762-773.	0.9	5
152	Life and reproduction of titanosaurians: Isotopic hallmark of mid-palaeolatitude eggshells and its significance for body temperature, diet, and nesting. Chemical Geology, 2021, 583, 120452.	1.4	5
153	Life histories and distribution of ostracods with depth in western Lake Geneva (Petit-Lac), Switzerland: aÂreconnaissance study. Crustaceana, 2014, 87, 1095-1123.	0.1	4
154	Accurate Measurements of H₂O, F and Cl Contents in Biotite Using Secondary Ion Mass Spectrometry. Geostandards and Geoanalytical Research, 2018, 42, 523-537.	1.7	4
155	H 2 O Content Measurement in Phengite by Secondary Ion Mass Spectrometry: A New Set of Reference Materials. Geostandards and Geoanalytical Research, 2019, 43, 635-646.	1.7	4
156	Formation of the Vergenoeg Fâ€"Feâ€"REE Deposit (South Africa) by Accumulation from a Ferroan Silicic Magma. Journal of Petrology, 2019, 60, 2339-2368.	1.1	4
157	Application ofÎ´18O,Î´13CDIC, and major ions to evaluate micropollutant sources in the Bay of Vidy, Lake Genevaâ€. Isotopes in Environmental and Health Studies, 2016, 52, 94-111.	0.5	3
158	Deposition and age of Chicxulub impact spherules on Gorgonilla Island, Colombia. Bulletin of the Geological Society of America, 2020, 132, 215-232.	1.6	3
159	Geochemistry of recent and fossil brachiopod calcite of Megathiris detruncata (Terebratulida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2020, 533, 119335.	1.4	3
160	Sedimentary organic matter from a cored Early Triassic succession, Georgetown (Idaho, USA). Swiss Journal of Palaeontology, 2020, 139, 5.	0.7	3
161	ReconstrucciÃ³n paleohidrolÃ³gica de la Salina de Ambargasta(Argentina) durante los Ãºltimos 45000 aÃ±os mediante geoquÃmica de isÃ³topos estables. Boletin De La Sociedad Geologica Mexicana, 2017, 69, 505-527.	0.1	3
162	Climateâ€driven change in the water sourced by trees in a deâ€glaciating proglacial foreâ€field, Torres del Paine, Chile. Ecohydrology, 2019, 12, e2133.	1.1	2

#	Article	IF	Citations
163	New constraints on carbonation associated with brecciation in hyperextended margins (example of) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	2
164	Stable Oxygen Isotope Composition Is Biased by Shell Calcification Intensity in Planktonic Foraminifera. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003941.	1.3	2
165	MÃ¶ssbauer study of Fe3+/Fe2+ ratio in amphiboles to search correlation with hydrogen isotope fractionation. Hyperfine Interactions, 2009, 190, 121-127.	0.2	1
166	Species-specific foraminiferal ultrastructures modulate surfaces available for diagenesis. Microscopy and Microanalysis, 2021, 27, 274-275.	0.2	1
167	Limited channelized fluid infiltration in the Torres del Paine contact aureole. American Mineralogist, 2021, 106, 1453-1469.	0.9	1
168	High diversity of lysisâ€resistant cells upon the application of targeted physical and chemical lysis to environmental samples originating from three different water bodies. Environmental DNA, 0, , .	3.1	1
169	Oxygen isotopic study of the nature and provenance of large quartz and chert clasts in gold-bearing conglomerates of South Africa and Stable isotope compositions of quartz pebbles and their fluid inclusions as tracers of sediment provenance: Implications for gold-and uranium-bearing quartz pebble conglomerates: Comment and Replies. Geology, 1993, 21, 858.	2.0	0
170	Sediment provenance during Alpine orogeny: fluid inclusions and stable isotopes on quartzâ€“calcite veins from detritic pebbles. Swiss Journal of Geosciences, 2016, 109, 329-344.	0.5	0