

# Torsten Vennemann

## List of Publications by Year in descending order

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170  
papers

15,547  
citations

53660

45  
h-index

16605

123  
g-index

172  
all docs

172  
docs citations

172  
times ranked

37864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and pervasive diagenetic isotope exchange in foraminifera tests is species-dependent. <i>Nature Communications</i> , 2022, 13, 113.	5.8	9
2	Interlaboratory Characterisation of Apatite Reference Materials for Oxygen Isotope Analysis and Associated Methodological Considerations. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 277-306.	1.7	8
3	Whiting Events in a Large Perialpine Lake: Evidence of a Catchment-Scale Process. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2022, 127, .	1.3	6
4	Pliocene - Early Pleistocene continental climate and vegetation in Europe based on stable isotope compositions of mammal tooth enamel. <i>Quaternary Science Reviews</i> , 2022, 288, 107572.	1.4	6
5	Greenland Ice Core Record of Last Glacial Dust Sources and Atmospheric Circulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	17
6	Whiteschist genesis through metasomatism and metamorphism in the Monte Rosa nappe (Western Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	7
7	Constraints on deep, CO <sub>2</sub> -rich degassing at arc volcanoes from solubility experiments on hydrous basaltic andesite of Pavlof Volcano, Alaska Peninsula, at 300 to 1200 MPa. <i>American Mineralogist</i> , 2021, 106, 762-773.	0.9	5
8	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009588.	1.0	110
9	Species-specific foraminiferal ultrastructures modulate surfaces available for diagenesis. <i>Microscopy and Microanalysis</i> , 2021, 27, 274-275.	0.2	1
10	Limited channelized fluid infiltration in the Torres del Paine contact aureole. <i>American Mineralogist</i> , 2021, 106, 1453-1469.	0.9	1
11	Life and reproduction of titanosaurs: Isotopic hallmark of mid-palaeolatitude eggshells and its significance for body temperature, diet, and nesting. <i>Chemical Geology</i> , 2021, 583, 120452.	1.4	5
12	Are Late Permian carbon isotope excursions of local or of global significance?. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 521-544.	1.6	19
13	Volcanism and paleoenvironment of the pula maar complex: A pliocene terrestrial fossil site in Central Europe (Hungary). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109398.	1.0	9
14	Deposition and age of Chicxulub impact spherules on Gorgonilla Island, Colombia. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 215-232.	1.6	3
15	Stable Oxygen Isotope Composition Is Biased by Shell Calcification Intensity in Planktonic Foraminifera. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003941.	1.3	2
16	Mixing of Rhône River water in Lake Geneva: Seasonal tracing using stable isotope composition of water. <i>Journal of Great Lakes Research</i> , 2020, 46, 839-849.	0.8	11
17	Cold-Water Coral Mound Archive Provides Unique Insights Into Intermediate Water Mass Dynamics in the Alboran Sea During the Last Deglaciation. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	18
18	Dynamics of the Largest Carbon Isotope Excursion During the Early Triassic Biotic Recovery. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	23

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19	Geochemistry of recent and fossil brachiopod calcite of <i>Megathiris detruncata</i> (Terebratulida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 2020, 533, 119335.	1.4	3
20	Geotectonic signature and hydrothermal alteration of metabasalts under- and overlying the giant Serra Norte iron deposits, Carajás mineral Province. <i>Ore Geology Reviews</i> , 2020, 120, 103407.	1.1	9
21	Formation, origin and geographic typing of corundum (ruby and pink sapphire) from the Fiskefjället complex, Greenland. <i>Lithos</i> , 2020, 366-367, 105536.	0.6	7
22	Sedimentary organic matter from a cored Early Triassic succession, Georgetown (Idaho, USA). <i>Swiss Journal of Palaeontology</i> , 2020, 139, 5.	0.7	3
23	Exceptional Multi Stage Mineralization of Secondary Minerals in Cavities of Flood Basalts from the Deccan Volcanic Province, India. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 351.	0.8	13
24	Unexpected large evasion fluxes of carbon dioxide from turbulent streams draining the world's mountains. <i>Nature Communications</i> , 2019, 10, 4888.	5.8	71
25	H <sub>2</sub> O Content Measurement in Phengite by Secondary Ion Mass Spectrometry: A New Set of Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 635-646.	1.7	4
26	Metamorphic pressure variation in a coherent Alpine nappe challenges lithostatic pressure paradigm. <i>Nature Communications</i> , 2019, 10, 4734.	5.8	42
27	Climate-driven change in the water sourced by trees in a deglaciating proglacial forefield, Torres del Paine, Chile. <i>Ecohydrology</i> , 2019, 12, e2133.	1.1	2
28	High-Resolution Spatial Sampling Identifies Groundwater as Driver of CO <sub>2</sub> Dynamics in an Alpine Stream Network. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1961-1976.	1.3	37
29	A geochemical and micro-textural comparison of basalt-hosted chalcedony from the Jurassic Drakensberg and Neoproterozoic Ventersdorp Supergroup (Vaal River alluvial gravels), South Africa. <i>International Journal of Earth Sciences</i> , 2019, 108, 1857-1877.	0.9	7
30	New constraints on carbonation associated with brecciation in hyperextended margins (example of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	2
31	Formation of the Vergenoeg Fe-REE Deposit (South Africa) by Accumulation from a Ferroan Silicic Magma. <i>Journal of Petrology</i> , 2019, 60, 2339-2368.	1.1	4
32	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , 2019, 9, 18430.	1.6	9,028
33	Multiple fluids involved in granite-related W-Sn deposits from the world-class Jiangxi province (China). <i>Chemical Geology</i> , 2019, 508, 92-115.	1.4	62
34	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.	3.0	11
35	Neogene Caribbean elasmobranchs: diversity, paleoecology and paleoenvironmental significance of the Cocinetas Basin assemblage (Guajira Peninsula, Colombia). <i>Biogeosciences</i> , 2019, 16, 33-56.	1.3	14
36	Bacterial spores, from ecology to biotechnology. <i>Advances in Applied Microbiology</i> , 2019, 106, 79-111.	1.3	26

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37	Early Late Permian coupled carbon and strontium isotope chemostratigraphy from South China: Extended Emeishan volcanism?. <i>Gondwana Research</i> , 2018, 58, 58-70.	3.0	23
38	Evaluating baddeleyite oxygen isotope analysis by secondary ion mass spectrometry (SIMS). <i>Chemical Geology</i> , 2018, 479, 113-122.	1.4	9
39	Orebody geometry, fluid and metal sources of the Omitomire Cu deposit in the Ekuja Dome of the Damara Belt in Namibia. <i>Mineralium Deposita</i> , 2018, 53, 261-276.	1.7	6
40	Syn- orogenic fluid flow in the Jaca basin (south Pyrenean fold and thrust belt) from fracture and vein analyses. <i>Basin Research</i> , 2018, 30, 187-216.	1.3	26
41	Multi fluid-flow record during episodic mode I opening: A microstructural and SIMS study (Cotiella) Tj ETQq1 1 0.784314 rgBTg/Overlock	1.8	13
42	Understanding snow hydrological processes through the lens of stable water isotopes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1311.	2.8	76
43	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). <i>Applied Clay Science</i> , 2018, 163, 33-45.	2.6	8
44	Accurate Measurements of H <sub>2</sub> O, F and Cl Contents in Biotite Using Secondary Ion Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 523-537.	1.7	4
45	Rhinocerotidae (Mammalia, Perissodactyla) from the middle Pleistocene levels of Grotta Romanelli (Lecce, southern Italy). <i>Geobios</i> , 2018, 51, 453-468.	0.7	8
46	Evaluation of potential monazite reference materials for oxygen isotope analyses by SIMS and laser assisted fluorination. <i>Chemical Geology</i> , 2017, 450, 199-209.	1.4	13
47	Stable isotope compositions of speleothems from the last interglacial – Spatial patterns of climate fluctuations in Europe. <i>Quaternary Science Reviews</i> , 2017, 161, 68-80.	1.4	36
48	Onset, development, and cessation of basal Early Triassic microbialites (BETM) in the Nanpanjiang pull-apart Basin, South China Block. <i>Gondwana Research</i> , 2017, 44, 178-204.	3.0	55
49	Pliocene – Early Pleistocene climatic trends in the Italian Peninsula based on stable oxygen and carbon isotope compositions of rhinoceros and gomphothere tooth enamel. <i>Quaternary Science Reviews</i> , 2017, 157, 52-65.	1.4	9
50	Using noble-gas and stable-isotope data to determine groundwater origin and flow regimes: Application to the Ceneri Base Tunnel (Switzerland). <i>Journal of Hydrology</i> , 2017, 545, 395-409.	2.3	16
51	Conodont-based Griesbachian biochronology of the Guryul Ravine section (basal Triassic, Kashmir.) Tj ETQq1 1 0.784314 rgBTg/Overlock	0.7	28
52	Fluid-rock interactions related to metamorphic reducing fluid flow in meta-sediments: example of the Pic-de-Port-Vieux thrust (Pyrenees, Spain). <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	9
53	New biotite and muscovite isotopic reference materials, USGS57 and USGS58, for <sup>2</sup> H measurements – A replacement for NBS 30. <i>Chemical Geology</i> , 2017, 467, 89-99.	1.4	41
54	Biotite Reference Materials for Secondary Ion Mass Spectrometry <sup>18</sup> O/ <sup>16</sup> O Measurements. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 243-253.	1.7	17

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55	Characterization and origin of low-T willemite (Zn <sub>2</sub> SiO <sub>4</sub> ) mineralization: the case of the Bou Arhous deposit (High Atlas, Morocco). <i>Mineralium Deposita</i> , 2017, 52, 1085-1102.	1.7	7
56	Quartz Reference Materials for Oxygen Isotope Analysis by $\langle \text{sc} \rangle \text{SIMS} \langle / \text{sc} \rangle$ . <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 69-75.	1.7	30
57	Neogene sharks and rays from the Brazilian "Blue Amazon"™. <i>PLoS ONE</i> , 2017, 12, e0182740.	1.1	24
58	Reconstrucci3n paleohidrol3gica de la Salina de Ambargasta(Argentina) durante los 3ltimos 45000 a3±os mediante geoqu3mica de is3topos estables. <i>Boletín De La Sociedad Geologica Mexicana</i> , 2017, 69, 505-527.	0.1	3
59	Sediment provenance during Alpine orogeny: fluid inclusions and stable isotopes on quartz"calcite veins from detritic pebbles. <i>Swiss Journal of Geosciences</i> , 2016, 109, 329-344.	0.5	0
60	Magmatic and meteoric fluid flow in the Bitterroot extensional detachment shear zone (MT, USA) from ductile to brittle conditions. <i>Journal of Geodynamics</i> , 2016, 101, 109-128.	0.7	9
61	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). <i>Applied Clay Science</i> , 2016, 132-133, 377-390.	2.6	12
62	Stable isotope composition of bentonites from the Swiss and Bavarian Freshwater Molasse as a proxy for paleoprecipitation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 455, 53-64.	1.0	8
63	Multiple Gold Mineralizing Styles in the Northern Pataz District, Peru. <i>Economic Geology</i> , 2016, 111, 355-394.	1.8	13
64	Origin and geochemistry of agates in Permian volcanic rocks of the Sub-Erzgebirge basin, Saxony (Germany). <i>Chemical Geology</i> , 2016, 428, 77-91.	1.4	21
65	Application of 18O, 13CDIC, and major ions to evaluate micropollutant sources in the Bay of Vidy, Lake Geneva. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 94-111.	0.5	3
66	Stable isotope study of a new chondrichthyan fauna (Kimmeridgian, Porrentruy, Swiss Jura): an unusual freshwater-influenced isotopic composition for the hybodont shark &lt;i>Asteracanthus</i>. <i>Biogeosciences</i> , 2015, 12, 6945-6954.	1.3	26
67	Megacrystic zircon with planar fractures in miaskite-type nepheline pegmatites formed at high pressures in the lower crust (Ivrea Zone, southern Alps, Switzerland). <i>American Mineralogist</i> , 2015, 100, 83-94.	0.9	45
68	Linking megathrust earthquakes to brittle deformation in a fossil accretionary complex. <i>Nature Communications</i> , 2015, 6, 7504.	5.8	32
69	Strain and permeability gradients traced by stable isotope exchange in the Raft River detachment shear zone, Utah. <i>Journal of Structural Geology</i> , 2015, 71, 41-57.	1.0	16
70	Infiltration of meteoric fluids in an extensional detachment shear zone (Kettle dome, WA, USA): How quartz dynamic recrystallization relates to fluid-rock interaction. <i>Journal of Structural Geology</i> , 2015, 71, 71-85.	1.0	13
71	Characterizing the bull shark <i>Carcharhinus leucas</i> habitat in Fiji by the chemical and isotopic compositions of their teeth. <i>Environmental Biology of Fishes</i> , 2015, 98, 1609-1622.	0.4	18
72	Pliocene and Early Pleistocene paleoenvironmental conditions in the Pannonian Basin (Hungary,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 <i>Palaeoclimatology, Palaeoecology</i> , 2015, 440, 455-466.	1.0	18

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73	Empirical calibration of the oxygen isotope fractionation between quartz and Fe-Mg-chlorite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 149, 21-31.	1.6	33
74	Life histories and distribution of ostracods with depth in western Lake Geneva (Petit-Lac), Switzerland: a reconnaissance study. <i>Crustaceana</i> , 2014, 87, 1095-1123.	0.1	4
75	Sedimentary-rock-hosted epithermal systems of the Tertiary Eastern Rhodopes, Bulgaria: new constraints from the Stremtsi gold prospect. <i>Geological Society Special Publication</i> , 2014, 402, 207-230.	0.8	10
76	Analytical methods for the measurement of hydrogen isotope composition and water content in clay minerals by TC/EA. <i>Chemical Geology</i> , 2014, 363, 229-240.	1.4	35
77	Geochemical constraints on the genesis of the Pb-Zn deposit of Jalta (northern Tunisia): Implications for timing of mineralization, sources of metals and relationship to the Neogene volcanism. <i>Chemie Der Erde</i> , 2014, 74, 601-613.	0.8	14
78	Caution on the use of NBS 30 biotite for hydrogen-isotope measurements with on-line high-temperature conversion systems. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1987-1994.	0.7	20
79	Into the abyss of Lake Geneva: the elemo interdisciplinary field investigation using the MIR submersibles. <i>Aquatic Sciences</i> , 2014, 76, 1-6.	0.6	26
80	Syntectonic fluid-flow along thrust faults: Example of the South-Pyrenean fold-and-thrust belt. <i>Marine and Petroleum Geology</i> , 2014, 49, 84-98.	1.5	50
81	Multiple methods for regional- to mine-scale targeting, Pataz gold field, northern Peru. <i>Australian Journal of Earth Sciences</i> , 2014, 61, 43-58.	0.4	5
82	Potential influence of the chemical composition of water on the stable oxygen isotope composition of continental ostracods. <i>Journal of Paleolimnology</i> , 2013, 50, 577-582.	0.8	14
83	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. <i>Quaternary International</i> , 2013, 293, 136-149.	0.7	38
84	Two stages of gold mineralization at Hutti mine, India. <i>Mineralium Deposita</i> , 2013, 48, 99-114.	1.7	45
85	Sulfur and lead isotopes of Guern Halfaya and Bou Grine deposits (Domes zone, northern Tunisia): Implications for sources of metals and timing of mineralization. <i>Ore Geology Reviews</i> , 2013, 54, 17-28.	1.1	24
86	Mineralogical and Geochemical Constraints on the Genesis of the Carbonate-Hosted Pb-Zn Deposit (Nappe Zone, Tj ETQq0 0 0 rgBT /Ooerlock 108Tf 50 217)		
87	Tinderet volcano, Kenya: an altered natrocarbonatite locality?. <i>Mineralogical Magazine</i> , 2013, 77, 213-226.	0.6	33
88	Mixing of Rhône River water in Lake Geneva (Switzerland-France) inferred from stable hydrogen and oxygen isotope profiles. <i>Journal of Hydrology</i> , 2013, 477, 152-164.	2.3	47
89	Trace element and isotopic fingerprints in HP-LT metamorphic rocks as a result of fluid-rock interactions (Ile de Groix, France). <i>Gondwana Research</i> , 2013, 23, 880-900.	3.0	13
90	Hydrothermal Fluid Processes and Evolution of the Giant Serra Norte Jaspilite-Hosted Iron Ore Deposits, Carajas Mineral Province, Brazil. <i>Economic Geology</i> , 2013, 108, 739-779.	1.8	47

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91	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. <i>Economic Geology</i> , 2013, 108, 79-110.	1.8	8
92	Climatic and biotic upheavals following the end-Permian mass extinction. <i>Nature Geoscience</i> , 2013, 6, 57-60.	5.4	230
93	Oxo-magnesio-hastingsite, $\text{NaCa}_2(\text{Mg}_2\text{Fe}^{3+})_3\text{Tj}$ ETQq1 1 0.784314 rgBT /Overlock the Deeti volcanic cone, Gregory rift, northern Tanzania. <i>Mineralogical Magazine</i> , 2013, 77, 2773-2792.	0.6	12
94	Identification of glacial meltwater runoff in a karstic environment and its implication for present and future water availability. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 3261-3277.	1.9	37
95	Opportunistic Feeding Strategy for the Earliest Old World Hypsodont Equids: Evidence from Stable Isotope and Dental Wear Proxies. <i>PLoS ONE</i> , 2013, 8, e74463.	1.1	41
96	Rate and processes of river network rearrangement during incipient faulting: The case of the Cahabon River, Guatemala. <i>Numerische Mathematik</i> , 2012, 312, 449-507.	0.7	26
97	The origin of black colouration in onyx agate from Mali. <i>Mineralogical Magazine</i> , 2012, 76, 115-127.	0.6	10
98	Amphiboles as indicators of mantle source contamination: Combined evaluation of stable H and O isotope compositions and trace element ratios. <i>Lithos</i> , 2012, 152, 141-156.	0.6	10
99	Geochemical compositions of Neogene phosphatic brachiopods: Implications for ancient environmental and marine conditions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 326-328, 66-77.	1.0	8
100	Siliceous deep-sea sponge <i>Monorhaphis chuni</i> : A potential paleoclimate archive in ancient animals. <i>Chemical Geology</i> , 2012, 300-301, 143-151.	1.4	42
101	Hydrogen and oxygen isotope behaviors during variable degrees of upper mantle melting: Example from the basaltic glasses from Macquarie Island. <i>Chemical Geology</i> , 2012, 310-311, 126-136.	1.4	53
102	Formation of chlorite during thrust fault reactivation. Record of fluid origin and P-T conditions in the Monte Perdido thrust fault (southern Pyrenees). <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 1083-1102.	1.2	33
103	Fluid evolution at the Variscan front in the vicinity of the Aachen thrust. <i>International Journal of Earth Sciences</i> , 2012, 101, 87-108.	0.9	9
104	Oligo-Miocene extensional tectonics and fluid flow across the Northern Snake Range detachment system, Nevada. <i>Tectonics</i> , 2011, 30, .	1.3	40
105	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 ETQq1 1 0.784314 rgBT /@verlock	1.0	10
106	Nd and Sr isotope compositions in modern and fossil bones – Proxies for vertebrate provenance and taphonomy. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5951-5970.	1.6	58
107	Controls on ostracod valve geochemistry: Part 2. Carbon and oxygen isotope compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7380-7399.	1.6	53
108	Controls on ostracod valve geochemistry, Part 1: Variations of environmental parameters in ostracod (micro-)habitats. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7364-7379.	1.6	30

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109	The Magmatic to Hydrothermal Evolution of the Intrusive Mont Saint-Hilaire Complex: Insights into the Late-stage Evolution of Peralkaline Rocks. <i>Journal of Petrology</i> , 2011, 52, 2147-2185.	1.1	34
110	Preservation of an extreme transient geotherm in the Raft River detachment shear zone. <i>Geology</i> , 2011, 39, 759-762.	2.0	38
111	Genesis of the Jurassic Carbonate-Hosted Pb-Zn Deposits of Jebel Ressas (North-Eastern Tunisia): Evidence from Mineralogy, Petrography and Trace Metal Contents and Isotope (O, C, S, Pb) Geochemistry. <i>Resource Geology</i> , 2011, 61, 367-383.	0.3	27
112	Ore genesis of Pb-Zn deposits in the Nappe zone of Northern Tunisia: Constraints from Pb-Sr-Ca-O isotopic systems. <i>Ore Geology Reviews</i> , 2011, 40, 41-53.	1.1	38
113	Geochemical and H-O-Sr-Nd isotope evidence for magmatic processes and meteoric-water interactions in the basal complex of La Gomera, Canary Islands. <i>Mineralogy and Petrology</i> , 2010, 98, 181-195.	0.4	7
114	Origin of CO <sub>2</sub> and carbonate veins in mantle-derived xenoliths in the Pannonian Basin. <i>Lithos</i> , 2010, 117, 172-182.	0.6	18
115	Origin of Mineralizing Fluids of the Sediment-Hosted Navachab Gold Mine, Namibia: Constraints from Stable (O, H, C, S) Isotopes. <i>Economic Geology</i> , 2010, 105, 285-302.	1.8	22
116	Stable isotope composition of smectite in suevites at the Ries crater, Germany: Implications for hydrous alteration of impactites. <i>Earth and Planetary Science Letters</i> , 2010, 299, 190-195.	1.8	23
117	Oxygen isotope sector zoning in natural hydrothermal quartz. <i>Mineralogical Magazine</i> , 2009, 73, 615-632.	0.6	37
118	The carbon isotope composition of natural SiC (moissanite) from the Earth's mantle: New discoveries from ophiolites. <i>Lithos</i> , 2009, 113, 612-620.	0.6	92
119	Textural, chemical, and isotopic effects of late-magmatic carbonatitic fluids in the carbonatite-syenite Tamazeght complex, High Atlas Mountains, Morocco. <i>Mineralogy and Petrology</i> , 2009, 97, 23-42.	0.4	23
120	Mössbauer study of Fe <sup>3+</sup> /Fe <sup>2+</sup> ratio in amphiboles to search correlation with hydrogen isotope fractionation. <i>Hyperfine Interactions</i> , 2009, 190, 121-127.	0.2	1
121	Stable isotope ecology of Miocene large mammals from Sandelzhausen, southern Germany. <i>Paläontologische Zeitschrift</i> , 2009, 83, 207-226.	0.8	45
122	Magmatic-dominated fluid evolution in the Jurassic Nambija gold skarn deposits (southeastern Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 22	1.7	28
123	Characteristics and origin of agates in sedimentary rocks from the Dryhead area, Montana, USA. <i>Mineralogical Magazine</i> , 2009, 73, 673-690.	0.6	36
124	Constraints on Miocene oceanography and climate in the Western and Central Paratethys: O-, Sr-, and Nd-isotope compositions of marine fish and mammal remains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 271, 117-129.	1.0	59
125	Geochemical study of vertebrate fossils from the Upper Cretaceous (Santonian) Csehbánya Formation (Hungary): Evidence for a freshwater habitat of mosasaurs and pycnodont fish. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 532-542.	1.0	54
126	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. <i>Economic Geology</i> , 2009, 104, 1019-1035.	1.8	11



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127	Emplacement of ultramafic rocks into the continental crust monitored by light and other trace elements: An example from the Geisspfad body (Swiss-Italian Alps). <i>Chemical Geology</i> , 2008, 255, 143-159.	1.4	21
128	Mineral Zoning and Geochemistry of Epithermal Polymetallic Zn-Pb-Ag-Cu-Bi Mineralization at Cerro de Pasco, Peru. <i>Economic Geology</i> , 2008, 103, 493-537.	1.8	83
129	Geological setting of the Guelb Moghrein Fe oxide-Cu-Au-Co mineralization, Akjoujt area, Mauritania. <i>Geological Society Special Publication</i> , 2008, 297, 53-75.	0.8	10
130	Migration of sharks into freshwater systems during the Miocene and implications for Alpine paleoelevation. <i>Geology</i> , 2007, 35, 451.	2.0	53
131	Microfabrics in carbonate mylonites along a large-scale shear zone (Helvetic Alps). <i>Tectonophysics</i> , 2007, 444, 1-26.	0.9	51
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