

Torsten Vennemann

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9125551/torsten-vennemann-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167 papers	13,749 citations	39 h-index	116 g-index
172 ext. papers	14,657 ext. citations	3.9 avg, IF	6.98 L-index

#	Paper	IF	Citations
167	Fast and pervasive diagenetic isotope exchange in foraminifera tests is species-dependent.. <i>Nature Communications</i> , 2022 , 13, 113	17.4	0
166	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	3.9	0
165	Constraints on deep, CO ₂ -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	2.9	2
164	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	3.6	25
163	Species-specific foraminiferal ultrastructures modulate surfaces available for diagenesis. <i>Microscopy and Microanalysis</i> , 2021 , 27, 274-275	0.5	0
162	Whiteschist genesis through metasomatism and metamorphism in the Monte Rosa nappe (Western Alps). <i>Contributions To Mineralogy and Petrology</i> , 2021 , 176, 1	3.5	2
161	Limited channelized fluid infiltration in the Torres del Paine contact aureole. <i>American Mineralogist</i> , 2021 , 106, 1453-1469	2.9	0
160	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	4.2	3
159	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,	4.5	7
158	Dynamics of the Largest Carbon Isotope Excursion During the Early Triassic Biotic Recovery. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	11
157	Geochemistry of recent and fossil brachiopod calcite of <i>Megathiris detruncata</i> (Terebratulida, Megathyrididae): A modern baseline study to trace past environmental conditions. <i>Chemical Geology</i> , 2020 , 533, 119335	4.2	3
156	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	3.2	4
155	Sedimentary organic matter from a cored Early Triassic succession, Georgetown (Idaho, USA). <i>Swiss Journal of Palaeontology</i> , 2020 , 139, 5	1.2	3
154	Stable Oxygen Isotope Composition Is Biased by Shell Calcification Intensity in Planktonic Foraminifera. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003941	3.3	0
153	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	3	1
152	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	3.9	11
151	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	2.9	6

150	Deposition and age of Chicxulub impact spherules on Gorgonilla Island, Colombia. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 215-232	3.9	
149	Formation, origin and geographic typing of corundum (ruby and pink sapphire) from the Fiskenset complex, Greenland. <i>Lithos</i> , 2020 , 366-367, 105536	2.9	6
148	Metamorphic pressure variation in a coherent Alpine nappe challenges lithostatic pressure paradigm. <i>Nature Communications</i> , 2019 , 10, 4734	17.4	26
147	Climate-driven change in the water sourced by trees in a de-glaciating proglacial fore-field, Torres del Paine, Chile. <i>Ecohydrology</i> , 2019 , 12, e2133	2.5	1
146	High-Resolution Spatial Sampling Identifies Groundwater as Driver of CO2 Dynamics in an Alpine Stream Network. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 1961-1976	3.7	21
145	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	2.2	1
144	New constraints on carbonation associated with brecciation in hyperextended margins (example of Iberia and Newfoundland margins). <i>Terra Nova</i> , 2019 , 31, 317	3	1
143	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	2.4	9
142	Unexpected large evasion fluxes of carbon dioxide from turbulent streams draining the world's mountains. <i>Nature Communications</i> , 2019 , 10, 4888	17.4	31
141	H2O 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	3.6	4
140	Formation of the Vergenoeg FFeBEE Deposit (South Africa) by Accumulation from a Ferroan Silicic Magma. <i>Journal of Petrology</i> , 2019 , 60, 2339-2368	3.9	3
139	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , 2019 , 9, 18430	4.9	8811
138	Multiple fluids involved in granite-related W-Sn deposits from the world-class Jiangxi province (China). <i>Chemical Geology</i> , 2019 , 508, 92-115	4.2	40
137	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
136	Neogene Caribbean elasmobranchs: diversity, paleoecology and paleoenvironmental significance of the Cocinetas Basin assemblage (Guajira Peninsula, Colombia). <i>Biogeosciences</i> , 2019 , 16, 33-56	4.6	8
135	Bacterial spores, from ecology to biotechnology. <i>Advances in Applied Microbiology</i> , 2019 , 106, 79-111	4.9	12
134	Early Late Permian coupled carbon and strontium isotope chemostratigraphy from South China: Extended Emeishan volcanism?. <i>Gondwana Research</i> , 2018 , 58, 58-70	5.1	16
133	Evaluating baddeleyite oxygen isotope analysis by secondary ion mass spectrometry (SIMS). <i>Chemical Geology</i> , 2018 , 479, 113-122	4.2	7

132	Orebody geometry, fluid and metal sources of the Omitiomire Cu deposit in the Ekuja Dome of the Damara Belt in Namibia. <i>Mineralium Deposita</i> , 2018 , 53, 261-276	4.8	3
131	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	3.2	18
130	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	5.2	4
129	Accurate Measurements of H ₂ O, F and Cl Contents in Biotite Using Secondary Ion Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2018 , 42, 523-537	3.6	3
128	Rhinocerotidae (Mammalia, Perissodactyla) from the middle Pleistocene levels of Grotta Romanelli (Lecce, southern Italy). <i>Geobios</i> , 2018 , 51, 453-468	1.5	4
127	Multi fluid-flow record during episodic mode I opening: A microstructural and SIMS study (Cotiella Thrust Fault, Pyrenees). <i>Earth and Planetary Science Letters</i> , 2018 , 503, 37-46	5.3	9
126	Understanding snow hydrological processes through the lens of stable water isotopes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018 , 5, e1311	5.7	42
125	Evaluation of potential monazite reference materials for oxygen isotope analyses by SIMS and laser assisted fluorination. <i>Chemical Geology</i> , 2017 , 450, 199-209	4.2	8
124	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	3.9	28
123	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	5.1	41
122	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	3.9	9
121	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	6	10
120	Conodont-based Griesbachian biochronology of the Guryul Ravine section (basal Triassic, Kashmir, India). <i>Geobios</i> , 2017 , 50, 359-387	1.5	20
119	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	3.5	7
118	New biotite and muscovite isotopic reference materials, USGS57 and USGS58, for δH measurements: A replacement for NBS 30. <i>Chemical Geology</i> , 2017 , 467, 89-99	4.2	29
117	Biotite Reference Materials for Secondary Ion Mass Spectrometry $^{18}O/^{16}O$ Measurements. <i>Geostandards and Geoanalytical Research</i> , 2017 , 41, 243-253	3.6	15
116	Characterization and origin of low-T willemite (Zn ₂ SiO ₄) mineralization: the case of the Bou Arhous deposit (High Atlas, Morocco). <i>Mineralium Deposita</i> , 2017 , 52, 1085-1102	4.8	4
115	Quartz Reference Materials for Oxygen Isotope Analysis by SIMS. <i>Geostandards and Geoanalytical Research</i> , 2017 , 41, 69-75	3.6	22

114	Neogene sharks and rays from the Brazilian 'Blue Amazon'. <i>PLoS ONE</i> , 2017 , 12, e0182740	3.7	15
113	Reconstrucci3n paleohidrol3gica de la Salina de Ambargasta(Argentina) durante los 3ltimos 45000 a3os mediante geoqu3mica de is36pos estables. <i>Boletin De La Sociedad Geologica Mexicana</i> , 2017 , 69, 505-527	1.7	3
112	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	5.2	10
111	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	2.9	8
110	Multiple Gold Mineralizing Styles in the Northern Pataz District, Peru. <i>Economic Geology</i> , 2016 , 111, 355-394	3.4	9
109	Origin and geochemistry of agates in Permian volcanic rocks of the Sub-Erzgebirge basin, Saxony (Germany). <i>Chemical Geology</i> , 2016 , 428, 77-91	4.2	15
108	Application of $\delta^{18}O$, $\delta^{13}CDIC$, 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	1.5	1
107	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	2.1	
106	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	2.2	5
105	Pliocene and Early Pleistocene paleoenvironmental conditions in the Pannonian Basin (Hungary, Slovakia): Stable isotope analyses of fossil proboscidean and perissodactyl teeth. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 440, 455-466	2.9	14
104	Empirical calibration of the oxygen isotope fractionation between quartz and Fe-Mg-chlorite. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 149, 21-31	5.5	27
103	Stable isotope study of a new chondrichthyan fauna (Kimmeridgian, Porrentruy, Swiss Jura): an unusual freshwater-influenced isotopic composition for the hybodont shark &i&tAsteracanthus&i&t. <i>Biogeosciences</i> , 2015 , 12, 6945-6954	4.6	13
102	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	2.9	33
101	Linking megathrust earthquakes to brittle deformation in a fossil accretionary complex. <i>Nature Communications</i> , 2015 , 6, 7504	17.4	24
100	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	3	13
99	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	3	10
98	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	1.6	7
97	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	4.3	10

96	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, 1987-94	2.2	16
95	Into the abyss of Lake Geneva: the elemo interdisciplinary field investigation using the MIR submersibles. <i>Aquatic Sciences</i> , 2014 , 76, 1-6	2.5	25
94	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	4.7	39
93	Multiple methods for regional- to mine-scale targeting, Pataz gold field, northern Peru. <i>Australian Journal of Earth Sciences</i> , 2014 , 61, 43-58	1.4	4
92	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	0.4	4
91	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	1.7	6
90	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	4.2	28
89	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	2.1	9
88	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	2	31
87	Two stages of gold mineralization at Hutti mine, India. <i>Mineralium Deposita</i> , 2013 , 48, 99-114	4.8	36
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. <i>Ore Geology Reviews</i> , 2013 , 54, 17-28	3.2	17
85	Mineralogical and Geochemical Constraints on the Genesis of the Carbonate-Hosted Jebel Ghazlane Pb-Zn Deposit (Nappe Zone, Northern Tunisia). <i>Resource Geology</i> , 2013 , 63, 27-41	1	7
84	Tinderet volcano, Kenya: an altered natrocarbonatite locality?. <i>Mineralogical Magazine</i> , 2013 , 77, 213-226	6.7	27
83	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	6	36
82	Trace element and isotopic fingerprints in HP/HT metamorphic rocks as a result of fluid-rock interactions (Ile de Groix, France). <i>Gondwana Research</i> , 2013 , 23, 880-900	5.1	12
81	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	4.3	35
80	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	4.3	5
79	Climatic and biotic upheavals following the end-Permian mass extinction. <i>Nature Geoscience</i> , 2013 , 6, 57-60	18.3	190

78	Oxo-magnesio-hastingsite, $\text{NaCa}_2(\text{Mg}_2\text{Fe}^{3+}_3)(\text{Al}_2\text{Si}_6)\text{O}_{22}\text{O}_2$, a new anhydrous amphibole from the Deeti volcanic cone, Gregory rift, northern Tanzania. <i>Mineralogical Magazine</i> , 2013 , 77, 2773-2792	1.7	5
77	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	5.5	33
76	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	3.7	34
75	Fluid evolution at the Variscan front in the vicinity of the Aachen thrust. <i>International Journal of Earth Sciences</i> , 2012 , 101, 87-108	2.2	6
74	The origin of black colouration in onyx agate from Mali. <i>Mineralogical Magazine</i> , 2012 , 76, 115-127	1.7	8
73	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	2.9	8
72	Geochemical compositions of Neogene phosphatic brachiopods: Implications for ancient environmental and marine conditions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 326-328, 66-77	2.9	5
71	Siliceous deep-sea sponge <i>Monorhaphis chuni</i> : A potential paleoclimate archive in ancient animals. <i>Chemical Geology</i> , 2012 , 300-301, 143-151	4.2	33
70	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	4.2	43
69	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	3.5	30
68	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	5.3	18
67	Oligo-Miocene extensional tectonics and fluid flow across the Northern Snake Range detachment system, Nevada. <i>Tectonics</i> , 2011 , 30, n/a-n/a	4.3	36
66	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 National Park, USA). <i>Chemical Geology</i> , 2011 , 289, 197-209	4.2	3
65	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	5.5	43
64	Controls on ostracod valve geochemistry: Part 2. Carbon and oxygen isotope compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 7380-7399	5.5	45
63	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	5.5	28
62	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	3.9	27
61	Preservation of an extreme transient geotherm in the Raft River detachment shear zone. <i>Geology</i> , 2011 , 39, 759-762	5	37

60	Genesis of the Jurassic Carbonate-Hosted PbZn 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	1	23
59	Ore genesis of PbZn deposits in the Nappe zone of Northern Tunisia: Constraints from Pb-Sr isotopic systems. <i>Ore Geology Reviews</i> , 2011 , 40, 41-53	3.2	31
58	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	4.3	15
57	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	5.3	19
56	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	16.5	4
55	Origin of CO ₂ and carbonate veins in mantle-derived xenoliths in the Pannonian Basin. <i>Lithos</i> , 2010 , 117, 172-182	2.9	17
54	Oxygen isotope sector zoning in natural hydrothermal quartz. <i>Mineralogical Magazine</i> , 2009 , 73, 615-632	1.7	29
53	The carbon isotope composition of natural SiC (moissanite) from the Earth's mantle: New discoveries from ophiolites. <i>Lithos</i> , 2009 , 113, 612-620	2.9	77
52	Textural, chemical, and isotopic effects of late-magmatic carbonatitic fluids in the carbonatite-Byenite Tamazeght complex, High Atlas Mountains, Morocco. <i>Mineralogy and Petrology</i> , 2009 , 97, 23-42	1.6	19
51	Mössbauer study of Fe ³⁺ /Fe ²⁺ ratio in amphiboles to search correlation with hydrogen isotope fractionation. <i>Hyperfine Interactions</i> , 2009 , 190, 121-127	0.8	1
50	Stable isotope ecology of Miocene large mammals from Sandelzhausen, southern Germany. <i>Palaontologische Zeitschrift</i> , 2009 , 83, 207-226	1.2	41
49	Magmatic-dominated fluid evolution in the Jurassic Nambija gold skarn deposits (southeastern Ecuador). <i>Mineralium Deposita</i> , 2009 , 44, 389-413	4.8	20
48	Characteristics and origin of agates in sedimentary rocks from the Dryhead area, Montana, USA. <i>Mineralogical Magazine</i> , 2009 , 73, 673-690	1.7	27
47	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	2.9	47
46	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	2.9	43
45	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	4.3	6
44	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	4.2	18
43	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	4.3	61

42	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	1.7	6
41	Migration of sharks into freshwater systems during the Miocene and implications for Alpine paleoelevation. <i>Geology</i> , 2007 , 35, 451	5	39
40	Microfabrics in carbonate mylonites along a large-scale shear zone (Helvetic Alps). <i>Tectonophysics</i> , 2007 , 444, 1-26	3.1	44
39	Oxidation of methane at the CH ₄ /H ₂ O(CO ₂) transition zone in the external part of the Central Alps, Switzerland: Evidence from stable isotope investigations. <i>Chemical Geology</i> , 2007 , 237, 329-357	4.2	50
38	Arrested kinetic Li isotope fractionation at the margin of the Ilmaussaq complex, South Greenland: Evidence for open-system processes during final cooling of peralkaline igneous rocks. <i>Chemical Geology</i> , 2007 , 246, 207-230	4.2	58
37	A reassessment of models for hydrocarbon generation in the Khibiny nepheline syenite complex, Kola Peninsula, Russia. <i>Lithos</i> , 2006 , 91, 1-18	2.9	53
36	Carbon isotope excursions and microfacies changes in marine Permian-Triassic boundary sections in Hungary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 237, 160-181	2.9	35
35	H ₂ O-D-FeIII relations of dehydrogenation and dehydration processes in magmatic amphiboles. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 919-925	2.2	17
34	Magmatic Fluids in the Breccia-Hosted Epithermal Au-Ag Deposit of Rosia Montana, Romania. <i>Economic Geology</i> , 2006 , 101, 923-954	4.3	46
33	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005 , 225, 216-247	2.9	44
32	Reconstructing paleoelevation in eroded orogens. <i>Geology</i> , 2004 , 32, 525	5	82
31	Analyse stabiler und radiogener Isotope in archäologischem Skelettmateriale: Herkunftsbestimmung des karolingischen Maultiers von Frankenthal und Vergleich mit spätleistozänen Großgierknochen aus den Rheinablagerungen. <i>Praehistorische Zeitschrift</i> , 2004 , 79,	0.3	11
30	The Grønvedal-Ika Carbonatite-Syenite Complex, South Greenland: Carbonatite Formation by Liquid Immiscibility. <i>Journal of Petrology</i> , 2004 , 46, 191-217	3.9	82
29	Metastable prograde mineral reactions in contact aureoles. <i>Geology</i> , 2004 , 32, 821	5	29
28	Nd-, O-, and H-isotopic evidence for complex, closed-system fluid evolution of the peralkaline Ilmaussaq intrusion, south Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2004 , 68, 3379-3395	5.5	71
27	Development of fluid conduits in the auriferous shear zones of the Hutti Gold Mine, India: evidence for spatially and temporally heterogeneous fluid flow. <i>Tectonophysics</i> , 2004 , 378, 65-84	3.1	63
26	Geochemical and isotopic constraints on the petrogenesis of granitoids from the Dalat zone, southern Vietnam. <i>Journal of Asian Earth Sciences</i> , 2004 , 23, 467-482	2.8	53
25	The Role of a Transcrustal Shear Zone in Orogenic Gold Mineralization at the Ajjanahalli Mine, Dharwar Craton, South India. <i>Economic Geology</i> , 2004 , 99, 743-759	4.3	31

24	Continuous-flow isotope ratio mass spectrometric analysis of carbonate minerals. <i>Rapid Communications in Mass Spectrometry</i> , 2003 , 17, 1004-6	2.2	475
23	Effects of speciation on equilibrium fractionations and rates of oxygen isotope exchange between (PO ₄) _{aq} and H ₂ O. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 3135-3144	5.5	91
22	Variations of the ⁴⁴ Ca/ ⁴⁰ Ca ratio in seawater during the past 24 million years: evidence from ⁴⁴ Ca and ¹⁸ O values of Miocene phosphates. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 2607-2614	5.5	72
21	Phosphoric acid fractionation factors for smithsonite and cerussite between 25 and 72°C. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 4049-4055	5.5	28
20	Correlations of octahedral cations with OH ⁺ OH ²⁺ Cl ⁺ and F ⁺ in biotite from volcanic rocks and xenoliths. <i>American Mineralogist</i> , 2002 , 87, 142-153	2.9	35
19	Sr and Nd isotope composition of Late Pleistocene sapropels and nonsapropelic sediments from the Eastern Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2002 , 66, 3585-3598	5.5	45
18	Oxygen isotope analysis of phosphates: a comparison of techniques for analysis of Ag ₃ PO ₄ . <i>Chemical Geology</i> , 2002 , 185, 321-336	4.2	259
17	Boron and Oxygen Isotope Composition of Certified Reference Materials NIST SRM 610/612 and Reference Materials JB-2 and JR-2. <i>Geostandards and Geoanalytical Research</i> , 2001 , 25, 405-416	3.6	125
16	Stable isotope composition of impact glasses from the Nördlinger Ries impact crater, Germany. <i>Geochimica Et Cosmochimica Acta</i> , 2001 , 65, 1325-1336	5.5	35
15	Carbon and oxygen isotope zoning around Carlin-type gold deposits: a reconnaissance survey at Twin Creeks, Nevada. <i>Journal of Geochemical Exploration</i> , 1998 , 63, 105-121	3.8	12
14	Oxygen, strontium, and neodymium isotope composition of fossil shark teeth as a proxy for the palaeoceanography and palaeoclimatology of the Miocene northern Alpine Paratethys. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998 , 142, 107-121	2.9	49
13	Carbon and oxygen isotope halos in the host limestone, El Mochito Zn-Pb-(Ag) skarn massive sulfide-oxide deposit, Honduras. <i>Economic Geology</i> , 1998 , 93, 15-31	4.3	30
12	An empirical model for the solubility of H ₂ O in magmas to 3 kilobars. <i>American Mineralogist</i> , 1998 , 83, 36-42	2.9	232
11	Hydrogen and oxygen isotope evidence for origin of MVT-forming brines, southern Appalachians. <i>Geochimica Et Cosmochimica Acta</i> , 1997 , 61, 1513-1523	5.5	43
10	Hydrogen isotope exchange reactions between hydrous minerals and molecular hydrogen: I. A new approach for the determination of hydrogen isotope fractionation at moderate temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 2437-2451	5.5	73
9	Ferric-ferrous ratios, H ₂ O contents and D/H ratios of phlogopite and biotite from lavas of different tectonic regimes. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 126, 51-66	3.5	38
8	Solubility of water in magmas to 2 kbar. <i>Geology</i> , 1995 , 23, 1099	5	41
7	Disequilibrium partitioning of oxygen isotopes associated with sector zoning in quartz. <i>Geology</i> , 1995 , 23, 1103	5	31

6	Stable isotope evidence for magmatic fluids in the Pueblo Viejo epithermal acid sulfate Au-Ag deposit, Dominican Republic. <i>Economic Geology</i> , 1993 , 88, 55-71	4.3	5 ¹
5	Stable isotope compositions of quartz pebbles and their fluid inclusions as tracers of sediment provenance: Implications for gold- and uranium-bearing quartz pebble conglomerates. <i>Geology</i> , 1992 , 20, 837	5	22
4	Stable isotope profile across the orthoamphibole isograd in the Southern Marginal Zone of the Limpopo Belt, South Africa. <i>Precambrian Research</i> , 1992 , 55, 365-397	3.9	3 ⁰
3	The rate and temperature of reaction of CIF ₃ with silicate minerals, and their relevance to oxygen isotope analysis. <i>Chemical Geology: Isotope Geoscience Section</i> , 1990 , 86, 83-88		29
2	Inter-laboratory Characterisation of Apatite Reference Materials for Oxygen Isotope Analysis and Associated Methodological Considerations. <i>Geostandards and Geoanalytical Research</i> ,	3.6	1
1	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>		1