Jorge E Spangenberg

List of Publications by Citations

192 papers	13,048 citations	35 h-index	112 g-index
215 ext. papers	14,078 ext. citations	4 avg, IF	7 L-index

#	Paper	IF	Citations
192	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). *Scientific Reports*, **2019**, 9, 18430	4.9	8811
191	The application of NMR and MS methods for detection of adulteration of wine, fruit juices, and olive oil. A review. *Analytical and Bioanalytical Chemistry*, **2003**, 376, 424-30	4.4	141
190	Chemical analyses of organic residues in archaeological pottery from Arbon Bleiche 3, Switzerland evidence for dairying in the late Neolithic. *Journal of Archaeological Science*, **2006**, 33, 1-13	2.9	140
189	Polar record of Early Jurassic massive carbon injection. *Earth and Planetary Science Letters*, **2011**, 312, 102-113	5.3	124
188	Evaluating the temporal link between the Karoo LIP and climatic Biologic events of the Toarcian Stage with high-precision UPb geochronology. *Earth and Planetary Science Letters*, **2014**, 408, 48-56	5.3	115
187	Highly dynamic cellular-level response of symbiotic coral to a sudden increase in environmental nitrogen. *MBio*, **2013**, 4, e00052-13	7.8	104
186	Continental weathering and redox conditions during the early Toarcian Oceanic Anoxic Event in the northwestern Tethys: Insight from the Posidonia Shale section in the Swiss Jura Mountains. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 429, 83-99	2.9	91
185	Natural evidence for rapid abiogenic hydrothermal generation of CH4. *Geochimica Et Cosmochimica Acta*, **2007**, 71, 3028-3039	5.5	87
184	Authentication of vegetable oils by bulk and molecular carbon isotope analyses with emphasis on olive oil and pumpkin seed oil. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 1534-40	5.7	81
183	Extremely elevated methyl mercury levels in water, sediment and organisms in a Romanian reservoir affected by release of mercury from a chlor-alkali plant. *Water Research*, **2014**, 49, 391-405	12.5	79
182	Chemical and isotopic equilibrium between CO2 and CH4 in fumarolic gas discharges: Generation of CH4 in arc magmatic-hydrothermal systems. *Geochimica Et Cosmochimica Acta*, **2004**, 68, 2321-2334	5.5	76
181	Insights into low fish mercury bioaccumulation in a mercury-contaminated reservoir, Guizhou, China. *Environmental Pollution*, **2012**, 160, 109-17	9.3	69
180	Characterization of Olive Oil by Carbon Isotope Analysis of Individual Fatty Acids: Implications for Authentication. *Journal of Agricultural and Food Chemistry*, **1998**, 46, 4179-4184	5.7	68
179	Full-scale evaluation of methane production under oxic conditions in a mesotrophic lake. *Nature Communications*, **2017**, 8, 1661	17.4	59
178	Stratigraphy of the Cenomanian Turonian Oceanic Anoxic Event OAE2 in shallow shelf sequences of NE Egypt. *Cretaceous Research*, **2011**, 32, 705-722	1.8	59
177	Bacterial farming by the fungus Morchella crassipes. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20132242	4.4	55
176	A reassessment of models for hydrocarbon generation in the Khibiny nepheline syenite complex, Kola Peninsula, Russia. *Lithos*, **2006**, 91, 1-18	2.9	53

175	Geochemistry and stable isotope composition of fresh alkaline porphyry copper tailings: Implications on sources and mobility of elements during transport and early stages of deposition. *Chemical Geology*, **2008**, 256, 62-76	4.2	52
174	Late Barremian–early Aptian palaeoenvironmental change: The Cassis-La Bédoule section, southeast France. *Cretaceous Research*, **2012**, 37, 209-222	1.8	51
173	Basin-internal derivation of hydrocarbons in the Witwatersrand Basin, South Africa: evidence from bulk and molecular δ13C data. *Chemical Geology*, **2001**, 173, 339-355	4.2	50
172	Pigments and Plasters Discovered in the House of Diana (Cosa, Grosseto, Italy): An Integrated Study Between Art History, Archaeology and Scientific Analyses*. *Archaeometry*, **2003**, 45, 341-354	1.6	49
171	Environmental changes during the Cretaceous-Paleogene mass extinction and Paleocene-Eocene Thermal Maximum: Implications for the Anthropocene. *Gondwana Research*, **2018**, 56, 69-89	5.1	48
170	Metallogenic Model of the Trepča Pb-Zn-Ag Skarn Deposit, Kosovo: Evidence from Fluid Inclusions, Rare Earth Elements, and Stable Isotope Data. *Economic Geology*, **2013**, 108, 135-162	4.3	48
169	The Toarcian Oceanic Anoxic Event in southwestern Gondwana: an example from the Andean Basin, northern Chile. *Journal of the Geological Society*, **2018**, 175, 883-902	2.7	47
168	Stable isotope and trace element stratigraphy across the Permian–Triassic transition: A redefinition of the boundary in the Velebit Mountain, Croatia. *Chemical Geology*, **2010**, 278, 38-57	4.2	45
167	Bitumens in the late Variscan hydrothermal vein-type uranium deposit of Pribram, Czech Republic; sources, radiation-induced alteration, and relation to mineralization. *Economic Geology*, **1999**, 94, 1093-1114	4.3	45
166	Chemical and carbon isotopic evolution of hydrocarbons during prograde metamorphism from 100°C to 550°C: Case study in the Liassic black shale formation of Central Swiss Alps. *Geochimica Et Cosmochimica Acta*, **2005**, 69, 1825-1840	5.5	44
165	The Hypogene Iron Oxide Copper-Gold Mineralization in the Mantoverde District, Northern Chile. *Economic Geology*, **2010**, 105, 1271-1299	4.3	42
164	Surviving anoxia in marine sediments: The metabolic response of ubiquitous benthic foraminifera (Ammonia tepida). *PLoS ONE*, **2017**, 12, e0177604	3.7	40
163	Soil factors improve predictions of plant species distribution in a mountain environment. *Progress in Physical Geography*, **2017**, 41, 703-722	3.5	39
162	Local Environmental Factors Drive Divergent Grassland Soil Bacterial Communities in the Western Swiss Alps. *Applied and Environmental Microbiology*, **2016**, 82, 6303-6316	4.8	38
161	Sulfur speciation and stable isotope trends of water-soluble sulfates in mine tailings profiles. *Environmental Science & Technology*, **2005**, 39, 5650-6	10.3	38
160	Characterization of cocoa butter and cocoa butter equivalents by bulk and molecular carbon isotope analyses: implications for vegetable fat quantification in chocolate. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 4271-7	5.7	38
159	Palaeoenvironmental and palaeoecological change on the northern Tethyan carbonate platform during the Late Barremian to earliest Aptian. *Sedimentology*, **2012**, 59, 939-963	3.3	37
158	Sulfur and Strontium Isotope Composition of the Llobregat River (Ne Spain): Tracers of Natural and Anthropogenic Chemicals in Stream Waters. *Water, Air, and Soil Pollution*, **2002**, 136, 207-224	2.6	36

157	The Early Toarcian oceanic anoxic event: Paleoenvironmental and paleoclimatic change across the Alpine Tethys (Switzerland). *Global and Planetary Change*, **2018**, 162, 53-68	4.2	35
156	Thermal erosion of cratonic lithosphere as a potential trigger for mass-extinction. *Scientific Reports*, **2016**, 6, 23168	4.9	35
155	Carbon and oxygen isotope study of hydrothermal carbonates in the zinc-lead deposits of the San Vicente district, central Peru: a quantitative modeling on mixing processes and CO2 degassing. *Chemical Geology*, **1996**, 133, 289-315	4.2	34
154	Global versus local processes during the Pliensbachian–Toarcian transition at the Peniche GSSP, Portugal: A multi-proxy record. *Earth-Science Reviews*, **2019**, 198, 102932	10.2	33
153	Palaeoenvironmental significance of Toarcian black shales and event deposits from southern Beaujolais, France. *Geological Magazine*, **2013**, 150, 728-742	2	33
152	Characterization of rapeseed (Brassica napus) oils by bulk C, O, H, and fatty acid C stable isotope analyses. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 8048-55	5.7	33
151	Direct evidence for the existence of dairying farms in prehistoric Central Europe (4th millennium BC). *Isotopes in Environmental and Health Studies*, **2008**, 44, 189-200	1.5	33
150	Organic geochemistry across the Permian–Triassic transition at the Idrijca Valley, Western Slovenia. *Applied Geochemistry*, **2004**, 19, 55-72	3.5	33
149	Aerobic iron and manganese cycling in a redox-stratified Mesoarchean epicontinental sea. *Earth and Planetary Science Letters*, **2018**, 500, 28-40	5.3	31
148	A multi-proxy approach to decode the end-Cretaceous mass extinction. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 441, 116-136	2.9	30
147	Palaeoenvironmental and climatic changes during the Palaeocene–Eocene Thermal Maximum (PETM) at the Wadi Nukhul Section, Sinai, Egypt. *Journal of the Geological Society*, **2013**, 170, 341-352	2.7	30
146	Microfossils, a Key to Unravel Cold-Water Carbonate Mound Evolution through Time: Evidence from the Eastern Alboran Sea. *PLoS ONE*, **2015**, 10, e0140223	3.7	30
145	Berriasian and early Valanginian environmental change along a transect from the Jura Platform to the Vocontian Basin. *Sedimentology*, **2013**, 60, 36-63	3.3	29
144	Impact of industrial phosphate waste discharge on the marine environment in the Gulf of Gabes (Tunisia). *PLoS ONE*, **2018**, 13, e0197731	3.7	28
143	Redox variations and bioproductivity in the Ediacaran: Evidence from inorganic and organic geochemistry of the Corumbá Group, Brazil. *Gondwana Research*, **2014**, 26, 1186-1207	5.1	28
142	Organic geochemistry of the San Vicente zinc–lead district, eastern Pucará Basin, Peru. *Chemical Geology*, **1998**, 146, 1-23	4.2	28
141	The stable hydrogen and oxygen isotope variation of water stored in polyethylene terephthalate (PET) bottles. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 672-6	2.2	28
140	Estimating the impact of early diagenesis on isotope records in shallow-marine carbonates: A case study from the Urgonian Platform in western Swiss Jura. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 454, 125-138	2.9	28

139	Pulses of enhanced continental weathering associated with multiple Late Devonian climate perturbations: Evidence from osmium-isotope compositions. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2019**, 524, 240-249	2.9	27
138	Three successive phases of platform demise during the early Aptian and their association with the oceanic anoxic Selli episode (Ardèche, France). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 418, 101-125	2.9	27
137	Element cycling during the transition from alkaline to acidic environment in an active porphyry copper tailings impoundment, Chuquicamata, Chile. *Journal of Geochemical Exploration*, **2014**, 140, 23-40	3.8	27
136	Late Maastrichtian–early Danian high-stress environments and delayed recovery linked to Deccan volcanism. *Cretaceous Research*, **2014**, 49, 63-82	1.8	27
135	Elemental (C/N ratios) and isotopic ($\delta^{15}N_{org}$, $\delta^{13}C_{org}$) compositions of sedimentary organic matter from a high-altitude mountain lake (Meidsee, 2661 m a.s.l., Switzerland): Implications for Lateglacial and Holocene Alpine landscape evolution. *Holocene*, **2012**, 22, 1135-1142	2.6	27
134	Stable carbon and oxygen isotope signatures of pedogenic needle fibre calcite. *Geoderma*, **2011**, 161, 74-87	6.7	27
133	Limited oxygen production in the Mesoarchean ocean. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 6647-6652	11.5	26
132	Maize consumption in pre-Hispanic south-central Andes: chemical and microscopic evidence from organic residues in archaeological pottery from western Tinogasta (Catamarca, Argentina). *Journal of Archaeological Science*, **2015**, 55, 83-99	2.9	26
131	Bridging the Faraoni and Selli oceanic anoxic events: late Hauterivian to early Aptian dysaerobic to anaerobic phases in the Tethys. *Climate of the Past*, **2012**, 8, 171-189	3.9	26
130	Astronomical calibration of the Valanginian Weissert episode: The Orpierre marl–limestone succession (Vocontian Basin, southeastern France). *Cretaceous Research*, **2013**, 45, 25-42	1.8	25
129	Caution on the storage of waters and aqueous solutions in plastic containers for hydrogen and oxygen stable isotope analysis. *Rapid Communications in Mass Spectrometry*, **2012**, 26, 2627-36	2.2	25
128	An evaluation of the inorganic and organic geochemistry of the San Vicente mississippi valley-type zinc-lead district, central Peru; implications for ore fluid composition, mixing processes, and sulfate reduction. *Economic Geology*, **1999**, 94, 1067-1092	4.3	25
127	Low molecular weight carboxylic acids in oxidizing porphyry copper tailings. *Environmental Science & Technology*, **2005**, 39, 2515-21	10.3	24
126	Mercury linked to Deccan Traps volcanism, climate change and the end-Cretaceous mass extinction. *Global and Planetary Change*, **2020**, 194, 103312	4.2	24
125	Major environmental change and bonebed genesis prior to the Triassic–Jurassic mass extinction. *Journal of the Geological Society*, **2012**, 169, 191-200	2.7	23
124	Early to Late Maastrichtian environmental changes in the Indian Ocean compared with Tethys and South Atlantic. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2017**, 478, 121-138	2.9	22
123	Chicxulub impact spherules in the North Atlantic and Caribbean: age constraints and Cretaceous–Tertiary boundary hiatus. *Geological Magazine*, **2013**, 150, 885-907	2	22
122	Sulfur isotope analysis of cinnabar from Roman wall paintings by elemental analysis/isotope ratio mass spectrometry--tracking the origin of archaeological red pigments and their authenticity. *Rapid Communications in Mass Spectrometry*, **2010**, 24, 2812-6	2.2	22

121	Stable isotope (C, O, S) systematics of the mercury mineralization at Idrija, Slovenia: constraints on fluid source and alteration processes. *Mineralium Deposita*, **2003**, 38, 886-899	4.8	22
120	Early Jurassic climatic trends in the south-Tethyan margin. *Gondwana Research*, **2020**, 77, 67-81	5.1	22
119	Remediation of a marine shore tailings deposit and the importance of water-rock interaction on element cycling in the coastal aquifer. *Environmental Science & Technology*, **2011**, 45, 4876-83	10.3	21
118	Wildfire effects on lipid composition and hydrophobicity of bulk soil and soil size fractions under Quercus suber cover (SW-Spain). *Environmental Research*, **2017**, 159, 394-405	7.9	20
117	Mercury in the food chain of the Lagoon of Venice, Italy. *Marine Pollution Bulletin*, **2014**, 88, 194-206	6.7	20
116	Molecular and isotopic characterization of biomarkers in the Frick Swiss Jura sediments: A palaeoenvironmental reconstruction on the northern Tethys margin. *Organic Geochemistry*, **2007**, 38, 419-439	3.1	20
115	Palaeoecological insights on Toarcian and lower Aalenian calcareous nannofossils from the Lusitanian Basin (Portugal). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 436, 245-262	2.9	19
114	Western Tethys Early and Middle Jurassic calcareous nannofossil biostratigraphy. *Earth-Science Reviews*, **2019**, 197, 102908	10.2	19
113	Palaeoclimate and palaeoenvironmental changes through the onset of the Valanginian carbon isotope excursion: Evidence from the Polish Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 426, 183-198	2.9	18
112	Effect of fertilisation timing on the partitioning of foliar-applied nitrogen in Vitis vinifera cv. Chasselas: a 15N labelling approach. *Australian Journal of Grape and Wine Research*, **2015**, 21, 110-117	2.4	18
111	Deciphering the message of Early Cretaceous drowning surfaces from the Helvetic Alps: What can be learnt from platform to basin correlations?. *Sedimentology*, **2013**, 60, 152-173	3.3	18
110	Microstructural, chemical and isotopic evidence for the origin of late neolithic leather recovered from an ice field in the Swiss Alps. *Journal of Archaeological Science*, **2010**, 37, 1851-1865	2.9	18
109	Mineralogical, petrographic and geochemical characterisation of white and coloured Iberian marbles in the context of the provenancing of some artefacts from Thamusida (Kenitra, Morocco). *European Journal of Mineralogy*, **2011**, 23, 857-869	2.2	18
108	Globally enhanced Hg deposition and Hg isotopes in sections straddling the Permian Triassic boundary: Link to volcanism. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2020**, 540, 109537	2.9	18
107	Understanding and managing nitrogen nutrition in grapevine: a review. *Oeno One*, **2021**, 55, 1-43	3.3	18
106	Palaeoenvironmental changes associated with Deccan volcanism, examples from terrestrial deposits from Central India. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 441, 165-180	2.9	17
105	Mass wasting and hiatuses during the Cretaceous-Tertiary transition in the North Atlantic: Relationship to the Chicxulub impact?. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 441, 96-115	2.9	17
104	Obliquity pacing of the hydrological cycle during the Oceanic Anoxic Event 2. *Earth and Planetary Science Letters*, **2018**, 499, 266-277	5.3	17

103	Silver–base metal epithermal vein and listwaenite types of deposit Crnac, Rogozna Mts., Kosovo. Part I: Ore mineral geochemistry and sulfur isotope study. *Ore Geology Reviews*, **2011**, 40, 65-80	3.2	17
102	Sr, C and O isotope systematics in the Pucará basin, central Peru. *Mineralium Deposita*, **1996**, 31, 147-162	4.8	17
101	Eccentricity paced monsoon-like system along the northwestern Tethyan margin during the Valanginian (Early Cretaceous): New insights from detrital and nutrient fluxes into the Vocontian Basin (SE France). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2016**, 443, 145-155	2.9	16
100	A refined genetic model for the Laisvall and Vassbo Mississippi Valley-type sandstone-hosted deposits, Sweden: constraints from paragenetic studies, organic geochemistry, and S, C, N, and Sr isotope data. *Mineralium Deposita*, **2016**, 51, 639-664	4.8	16
99	Molecular and isotopic characterization of lipids staining bone and antler tools in the Late Neolithic settlement, Zurich Opera Parking, Switzerland. *Organic Geochemistry*, **2014**, 69, 11-25	3.1	16
98	Stable carbon isotope composition of c9,t11-conjugated linoleic acid in cow's milk as related to dietary fatty acids. *Lipids*, **2012**, 47, 161-9	1.6	16
97	Stable hydrogen and oxygen isotope composition of waters from mine tailings in different climatic environments. *Environmental Science & Technology*, **2007**, 41, 1870-6	10.3	16
96	Hydrocarbon Biomarkers in the Topla-Mezica Zinc-Lead Deposits, Northern Karavanke/Drau Range, Slovenia: Paleoenvironment at the Site of Ore Formation. *Economic Geology*, **2006**, 101, 997-1021	4.3	16
95	Hypogenic origin of Provalata Cave, Republic of Macedonia: a distinct case of successive thermal carbonic and sulfuric acid speleogenesis. *International Journal of Speleology*, **2013**, 42, 235-246	2	16
94	Bulk C, H, O, and fatty acid C stable isotope analyses for purity assessment of vegetable oils from the southern and northern hemispheres. *Rapid Communications in Mass Spectrometry*, **2016**, 30, 2447-2461	2.2	16
93	New geochemical constraints on the Paleocene–Eocene thermal maximum: Dababiya GSSP, Egypt. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 429, 117-135	2.9	15
92	The influence of water stress on plant hydraulics, gas exchange, berry composition and quality of Pinot Noir wines in Switzerland. *Oeno One*, **2017**, 51,	3.3	15
91	Carbon dioxide in scree slope deposits: A pathway from atmosphere to pedogenic carbonate. *Geoderma*, **2015**, 247-248, 129-139	6.7	14
90	Organic and inorganic geochemistry of Ljubija siderite deposits, NW Bosnia and Herzegovina. *Mineralium Deposita*, **2009**, 44, 893-913	4.8	14
89	The Paleocene-Eocene GSSP at Dababiya, Egypt – Revisited. *Episodes*, **2014**, 37, 78-86	1.6	14
88	What are the most crucial soil variables for predicting the distribution of mountain plant species? A comprehensive study in the Swiss Alps. *Journal of Biogeography*, **2020**, 47, 1143-1153	4.1	13
87	Expression of the Toarcian Oceanic Anoxic Event: New insights from a Swiss transect. *Sedimentology*, **2019**, 66, 262-284	3.3	13
86	New insights on the age of the post-Urgonian marly cover of the Apt region (Vaucluse, SE France) and its implications on the demise of the North Provence carbonate platform. *Sedimentary Geology*, **2017**, 359, 44-61	2.8	13

85	Sulfur isotope variations from orebody to hand-specimen scale at the Me□□ca lead□inc deposit, Slovenia: a predominantly biogenic pattern. *Mineralium Deposita*, **2010**, 45, 531-547	4.8	13
84	Carbon isotope compositions of whole wine, wine solid residue, and wine ethanol, determined by EA/IRMS and GC/C/IRMS, can record the vine water status-a comparative reappraisal. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 2031-2043	4.4	13
83	Origin of abundant moonmilk deposits in a subsurface granitic environment. *Sedimentology*, **2018**, 65, 1482-1503	3.3	12
82	Petroleum as source and carrier of metals in epigenetic sediment-hosted mineralization. *Scientific Reports*, **2019**, 9, 8283	4.9	11
81	New stratigraphic data for the Lower Cretaceous Tirgan Formation, Kopet-Dagh Basin, NE Iran. *Arabian Journal of Geosciences*, **2019**, 12, 1	1.8	11
80	Unraveling short- and long-term carbon cycle variations during the Oceanic Anoxic Event 2 from the Paris Basin Chalk. *Global and Planetary Change*, **2020**, 186, 103126	4.2	11
79	New calcareous nannofossil and carbon isotope data for the Pliensbachian/Toarcian boundary (Early Jurassic) in the western Tethys and their paleoenvironmental implications. *Newsletters on Stratigraphy*, **2019**, 52, 173-196	2.9	11
78	Gas chromatography and isotope ratio mass spectrometry of Pinot Noir wine volatile compounds (□□) and solid residues (□□, □□) for the reassessment of vineyard water-status. *Journal of Chromatography A*, **2017**, 1517, 142-155	4.5	11
77	Reliability of stable carbon and oxygen isotope compositions of pedogenic needle fibre calcite as environmental indicators: examples from Western Europe. *Isotopes in Environmental and Health Studies*, **2011**, 47, 341-58	1.5	11
76	The expression of early Aptian to latest Cenomanian oceanic anoxic events in the sedimentary record of the Brian□nnais domain. *Global and Planetary Change*, **2018**, 170, 76-92	4.2	10
75	Stable isotope (S, C) chemostratigraphy and hydrocarbon biomarkers in the Ediacaran upper section of Sierras Bayas Group, Argentina. *Precambrian Research*, **2013**, 231, 388-400	3.9	10
74	Meta-scale mountain grassland observatories uncover commonalities as well as specific interactions among plant and non-rhizosphere soil bacterial communities. *Scientific Reports*, **2018**, 8, 5758	4.9	9
73	Multiple Gold Mineralizing Styles in the Northern Pataz District, Peru. *Economic Geology*, **2016**, 111, 355-394	4.3	9
72	Large-scale paleoceanographic variations in the western Mediterranean Sea during the last 34,000 years: From enhanced cold-water coral growth to declining mounds. *Marine Micropaleontology*, **2018**, 143, 46-62	1.7	9
71	Feeding increases the number of offspring but decreases parental investment of Red Sea coral. *Ecology and Evolution*, **2019**, 9, 12245-12258	2.8	9
70	Phosphogenesis during the Cenozoic transition from greenhouse to icehouse conditions: Upper Oligocene to lower Miocene siliceous, phosphate, and organic-rich sediments near La Pur□ima, Baja California Sur, Mexico. *Depositional Record*, **2019**, 5, 23-52	2	8
69	Adaptive Strategies in a Poly-Extreme Environment: Differentiation of Vegetative Cells in and Resistance to Extreme Conditions. *Frontiers in Microbiology*, **2019**, 10, 102	5.7	8
68	A sedimentological model of organic-matter preservation and phosphogenesis in the Miocene Monterey Formation at Haskells Beach, Goleta (central California). *Sedimentary Geology*, **2015**, 326, 16-32	2.8	8

67	A global palaeoclimatic reconstruction for the Valanginian based on clay mineralogical and geochemical data. *Earth-Science Reviews*, **2020**, 202, 103092	10.2	8
66	Marbles and carbonate rocks from central Morocco: a petrographic, mineralogical and geochemical study. *Environmental Earth Sciences*, **2012**, 66, 209-222	2.9	8
65	Geochemistry of highly acidic mine water following disposal into a natural lake with carbonate bedrock. *Applied Geochemistry*, **2010**, 25, 1107-1119	3.5	8
64	Detecting eustatic and tectonic signals with carbon isotopes in deep-marine strata, Eocene Ainsa Basin, Spanish Pyrenees. *Geology*, **2017**, G39068.1	5	7
63	Changes in soil water availability in vineyards can be traced by the carbon and nitrogen isotope composition of dried wines. *Science of the Total Environment*, **2018**, 635, 178-187	10.2	7
62	Ore Formation During Jurassic Subduction of the Tethys Along the Eurasian Margin: Constraints from the Kapan District, Lesser Caucasus, Southern Armenia. *Economic Geology*, **2019**, 114, 1251-1284	4.3	7
61	Recent human-induced trophic change in the large and deep perialpine Lake Lucerne (Switzerland) compared to historical geochemical variations. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2012**, 363-364, 37-47	2.9	7
60	Evidence linking calcium to increased organo-mineral association in soils. *Biogeochemistry*, **2021**, 153, 223-241	3.8	7
59	Effect of Organic Carbon and Nitrogen on the Interactions of spp. and Bacteria Dispersing on Their Mycelium. *Frontiers in Microbiology*, **2019**, 10, 124	5.7	6
58	Pliensbachian environmental perturbations and their potential link with volcanic activity: Swiss and British geochemical records. *Sedimentary Geology*, **2020**, 406, 105665	2.8	6
57	Shifts in carbon and nitrogen stable isotope composition and epicuticular lipids in leaves reflect early water-stress in vineyards. *Science of the Total Environment*, **2020**, 739, 140343	10.2	6
56	The Impact of Hydrodynamics, Authigenesis, and Basin Morphology On Sediment Accumulation In An Upwelling Environment: The Miocene Monterey Formation At Shell Beach and Mussel Rock (Pismo and Santa Maria Basins, Central California, U.S.A.). *Journal of Sedimentary Research*, **2017**, 87, 986-1018	2.1	6
55	Distribution of benthic foraminiferal assemblages in the transitional environment of the Djerba lagoon (Tunisia). *Swiss Journal of Geosciences*, **2018**, 111, 589-606	2.1	6
54	Atmospheric halogen and acid rains during the main phase of Deccan eruptions: Magnetic and mineral evidence **2014**,		6
53	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	1.7	6
52	The influence of vine water regime on the leaf gas exchange, berry composition and wine quality of Arvine grapes in Switzerland. *Oeno One*, **2020**, 54, 553-568	3.3	6
51	Experimental evolution of post-ingestive nutritional compensation in response to a nutrient-poor diet. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20202684	4.4	6
50	Evolution of the northern Tethyan Helvetic Platform during the late Berriasian and early Valanginian. *Depositional Record*, **2016**, 2, 47-73	2	6

49	Mineralogy and geochemistry of deeply-buried marine sediments of the Vaca Muerta-Quintuco system in the Neuquén Basin (Chacay Melehue section), Argentina: Paleoclimatic and paleoenvironmental implications for the global Tithonian-Valanginian reconstructions. *Journal of South American Earth Sciences*, **2021**, 107, 103103	2	6
48	Polyphase vein mineralization in the Fennoscandian Shield at Åerlandet, Jävsand, and Laisvall along the erosional front of the Caledonian orogen, Sweden. *Mineralium Deposita*, **2017**, 52, 823-844	4.8	5
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