

Jorge E Spangenberg

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

14,934
citations

66343

42
h-index

18647

119
g-index

215
all docs

215
docs citations

215
times ranked

37384
citing authors

#	ARTICLE	IF	CITATIONS
1	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , 2019, 9, 18430.	3.3	9,028
2	The application of NMR and MS methods for detection of adulteration of wine, fruit juices, and olive oil. A review. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 424-430.	3.7	170
3	Chemical analyses of organic residues in archaeological pottery from Arbon Bleiche 3, Switzerland – evidence for dairying in the late Neolithic. <i>Journal of Archaeological Science</i> , 2006, 33, 1-13.	2.4	170
4	Evaluating the temporal link between the Karoo LIP and climatic–biologic events of the Toarcian Stage with high-precision U–Pb geochronology. <i>Earth and Planetary Science Letters</i> , 2014, 408, 48-56.	4.4	145
5	Polar record of Early Jurassic massive carbon injection. <i>Earth and Planetary Science Letters</i> , 2011, 312, 102-113.	4.4	142
6	Highly Dynamic Cellular-Level Response of Symbiotic Coral to a Sudden Increase in Environmental Nitrogen. <i>MBio</i> , 2013, 4, e00052-13.	4.1	138
7	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 429, 83-99.	2.3	128
8	Full-scale evaluation of methane production under oxic conditions in a mesotrophic lake. <i>Nature Communications</i> , 2017, 8, 1661.	12.8	103
9	Natural evidence for rapid abiogenic hydrothermal generation of CH ₄ . <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3028-3039.	3.9	93
10	Extremely elevated methyl mercury levels in water, sediment and organisms in a Romanian reservoir affected by release of mercury from a chlor-alkali plant. <i>Water Research</i> , 2014, 49, 391-405.	11.3	93
11	Chemical and isotopic equilibrium between CO ₂ and CH ₄ in fumarolic gas discharges: Generation of CH ₄ in arc magmatic-hydrothermal systems. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2321-2334.	3.9	91
12	Authentication of Vegetable Oils by Bulk and Molecular Carbon Isotope Analyses with Emphasis on Olive Oil and Pumpkin Seed Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1534-1540.	5.2	90
13	Environmental changes during the Cretaceous-Paleogene mass extinction and Paleocene-Eocene Thermal Maximum: Implications for the Anthropocene. <i>Gondwana Research</i> , 2018, 56, 69-89.	6.0	88
14	Insights into low fish mercury bioaccumulation in a mercury-contaminated reservoir, Guizhou, China. <i>Environmental Pollution</i> , 2012, 160, 109-117.	7.5	83
15	Characterization of Olive Oil by Carbon Isotope Analysis of Individual Fatty Acids: Implications for Authentication. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 4179-4184.	5.2	77
16	Bacterial farming by the fungus <i>Morchella crassipes</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132242.	2.6	75
17	Stratigraphy of the Cenomanian–Turonian Oceanic Anoxic Event OAE2 in shallow shelf sequences of NE Egypt. <i>Cretaceous Research</i> , 2011, 32, 705-722.	1.4	73
18	The Toarcian Oceanic Anoxic Event in southwestern Gondwana: an example from the Andean Basin, northern Chile. <i>Journal of the Geological Society</i> , 2018, 175, 883-902.	2.1	71

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19	Local Environmental Factors Drive Divergent Grassland Soil Bacterial Communities in the Western Swiss Alps. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6303-6316.	3.1	63
20	Metallogenic Model of the Trepça Pb-Zn-Ag Skarn Deposit, Kosovo: Evidence from Fluid Inclusions, Rare Earth Elements, and Stable Isotope Data. <i>Economic Geology</i> , 2013, 108, 135-162.	3.8	61
21	A reassessment of models for hydrocarbon generation in the Khibiny nepheline syenite complex, Kola Peninsula, Russia. <i>Lithos</i> , 2006, 91, 1-18.	1.4	59
22	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. <i>Chemical Geology</i> , 2008, 256, 62-76.	3.3	59
23	Mercury linked to Deccan Traps volcanism, climate change and the end-Cretaceous mass extinction. <i>Global and Planetary Change</i> , 2020, 194, 103312.	3.5	59
24	Late Barremian–Early Aptian palaeoenvironmental change: The Cassis-La Bédoule section, southeast France. <i>Cretaceous Research</i> , 2012, 37, 209-222.	1.4	58
25	Global versus local processes during the Pliensbachian–Toarcian transition at the Peniche GSSP, Portugal: A multi-proxy record. <i>Earth-Science Reviews</i> , 2019, 198, 102932.	9.1	58
26	Basin-internal derivation of hydrocarbons in the Witwatersrand Basin, South Africa: evidence from bulk and molecular $\delta^{13}C$ data. <i>Chemical Geology</i> , 2001, 173, 339-355.	3.3	57
27	Stable isotope and trace element stratigraphy across the Permian–Triassic transition: A redefinition of the boundary in the Velebit Mountain, Croatia. <i>Chemical Geology</i> , 2010, 278, 38-57.	3.3	57
28	Surviving anoxia in marine sediments: The metabolic response of ubiquitous benthic foraminifera (<i>Ammonia tepida</i>). <i>PLoS ONE</i> , 2017, 12, e0177604.	2.5	57
29	Pigments and Plasters Discovered in the House of Diana (Cosa, Grosseto, Italy): An Integrated Study Between Art History, Archaeology and Scientific Analyses*. <i>Archaeometry</i> , 2003, 45, 341-354.	1.3	56
30	Soil factors improve predictions of plant species distribution in a mountain environment. <i>Progress in Physical Geography</i> , 2017, 41, 703-722.	3.2	56
31	Aerobic iron and manganese cycling in a redox-stratified Mesoproterozoic epicontinental sea. <i>Earth and Planetary Science Letters</i> , 2018, 500, 28-40.	4.4	54
32	The Early Toarcian oceanic anoxic event: Palaeoenvironmental and paleoclimatic change across the Alpine Tethys (Switzerland). <i>Global and Planetary Change</i> , 2018, 162, 53-68.	3.5	53
33	Understanding and managing nitrogen nutrition in grapevine: a review. <i>Oeno One</i> , 2021, 55, 1-43.	1.4	53
34	Bitumens in the late Variscan hydrothermal vein-type uranium deposit of Příbram, Czech Republic; sources, radiation-induced alteration, and relation to mineralization. <i>Economic Geology</i> , 1999, 94, 1093-1114.	3.8	52
35	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 CO ₂ degassing. <i>Chemical Geology</i> , 1996, 133, 289-315.	3.3	51
36	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. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 1825-1840.	3.9	50

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37	Characterization of Cocoa Butter and Cocoa Butter Equivalents by Bulk and Molecular Carbon Isotope Analyses: Implications for Vegetable Fat Quantification in Chocolate. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4271-4277.	5.2	49
38	Impact of industrial phosphate waste discharge on the marine environment in the Gulf of Gabes (Tunisia). <i>PLoS ONE</i> , 2018, 13, e0197731.	2.5	49
39	Sulfur Speciation and Stable Isotope Trends of Water-Soluble Sulfates in Mine Tailings Profiles. <i>Environmental Science & Technology</i> , 2005, 39, 5650-5656.	10.0	48
40	The Hypogene Iron Oxide Copper-Gold Mineralization in the Mantoverde District, Northern Chile. <i>Economic Geology</i> , 2010, 105, 1271-1299.	3.8	47
41	Pulses of enhanced continental weathering associated with multiple Late Devonian climate perturbations: Evidence from osmium-isotope compositions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 524, 240-249.	2.3	46
42	Palaeoenvironmental and palaeoecological change on the northern Tethyan carbonate platform during the Late Barremian to earliest Aptian. <i>Sedimentology</i> , 2012, 59, 939-963.	3.1	44
43	Thermal erosion of cratonic lithosphere as a potential trigger for mass-extinction. <i>Scientific Reports</i> , 2016, 6, 23168.	3.3	44
44	Palaeoenvironmental and climatic changes during the Palaeocene–Eocene Thermal Maximum (PETM) at the Wadi Nukhul Section, Sinai, Egypt. <i>Journal of the Geological Society</i> , 2013, 170, 341-352.	2.1	43
45	Limited oxygen production in the Mesoarchean ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6647-6652.	7.1	42
46	Caution on the storage of waters and aqueous solutions in plastic containers for hydrogen and oxygen stable isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2627-2636.	1.5	41
47	Obliquity pacing of the hydrological cycle during the Oceanic Anoxic Event 2. <i>Earth and Planetary Science Letters</i> , 2018, 499, 266-277.	4.4	41
48	Direct evidence for the existence of dairying farms in prehistoric Central Europe (4th millennium) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3</i>	1.0	40
49	A multi-proxy approach to decode the end-Cretaceous mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 116-136.	2.3	40
50	Microfossils, a Key to Unravel Cold-Water Carbonate Mound Evolution through Time: Evidence from the Eastern Alboran Sea. <i>PLoS ONE</i> , 2015, 10, e0140223.	2.5	40
51	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2002, 136, 207-224.	2.4	39
52	Maize consumption in pre-Hispanic south-central Andes: chemical and microscopic evidence from organic residues in archaeological pottery from western Tinogasta (Catamarca, Argentina). <i>Journal of Archaeological Science</i> , 2015, 55, 83-99.	2.4	39
53	The influence of water stress on plant hydraulics, gas exchange, berry composition and quality of Pinot Noir wines in Switzerland. <i>Oeno One</i> , 2017, 51, .	1.4	39
54	Element cycling during the transition from alkaline to acidic environment in an active porphyry copper tailings impoundment, Chuquicamata, Chile. <i>Journal of Geochemical Exploration</i> , 2014, 140, 23-40.	3.2	38

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55	Estimating the impact of early diagenesis on isotope records in shallow-marine carbonates: A case study from the Urgonian Platform in western Swiss Jura. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 454, 125-138.	2.3	38
56	Palaeoenvironmental significance of Toarcian black shales and event deposits from southern Beaujolais, France. <i>Geological Magazine</i> , 2013, 150, 728-742.	1.5	37
57	Western Tethys Early and Middle Jurassic calcareous nannofossil biostratigraphy. <i>Earth-Science Reviews</i> , 2019, 197, 102908.	9.1	37
58	Organic geochemistry across the Permian–Triassic transition at the Idrijca Valley, Western Slovenia. <i>Applied Geochemistry</i> , 2004, 19, 55-72.	3.0	36
59	Berriasian and early Valanginian environmental change along a transect from the Jura Platform to the Vocontian Basin. <i>Sedimentology</i> , 2013, 60, 36-63.	3.1	36
60	Redox variations and bioproductivity in the Ediacaran: Evidence from inorganic and organic geochemistry of the Corumbá Group, Brazil. <i>Gondwana Research</i> , 2014, 26, 1186-1207.	6.0	36
61	Characterization of Rapeseed (<i>Brassica napus</i>) Oils by Bulk C, O, H, and Fatty Acid C Stable Isotope Analyses. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 8048-8055.	5.2	35
62	Stable carbon and oxygen isotope signatures of pedogenic needle fibre calcite. <i>Geoderma</i> , 2011, 161, 74-87.	5.1	35
63	Late Maastrichtian–early Danian high-stress environments and delayed recovery linked to Deccan volcanism. <i>Cretaceous Research</i> , 2014, 49, 63-82.	1.4	35
64	The stable hydrogen and oxygen isotope variation of water stored in polyethylene terephthalate (PET) bottles. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 672-676.	1.5	34
65	Early Jurassic climatic trends in the south-Tethyan margin. <i>Gondwana Research</i> , 2020, 77, 67-81.	6.0	34
66	Bridging the Faraoni and Selli oceanic anoxic events: late Hauterivian to early Aptian dysaerobic to anaerobic phases in the Tethys. <i>Climate of the Past</i> , 2012, 8, 171-189.	3.4	33
67	Elemental (C/N ratios) and isotopic ($\delta^{15}\text{N}_{\text{org}}$, $\delta^{13}\text{C}_{\text{org}}$) compositions of sedimentary organic matter from a high-altitude mountain lake (Meidsee, 2661 m a.s.l.). <i>Terra Nova</i> , 2011, 23, 1135-1142.	1.7	33
68	Evidence linking calcium to increased organo-mineral association in soils. <i>Biogeochemistry</i> , 2021, 153, 223-241.	3.5	33
69	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. <i>Economic Geology</i> , 1999, 94, 1067-1092.	3.8	32
70	Three successive phases of platform demise during the early Aptian and their association with the oceanic anoxic Selli episode (Ardèche, France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 418, 101-125.	2.3	32
71	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. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2812-2816.	1.5	31
72	Astronomical calibration of the Valanginian – Weissenert episode: The Orpierre marl limestone succession (Vocontian Basin, southeastern France). <i>Cretaceous Research</i> , 2013, 45, 25-42.	1.4	31

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73	Organic geochemistry of the San Vicente zinc-lead district, eastern Pucará Basin, Peru. <i>Chemical Geology</i> , 1998, 146, 1-23.	3.3	30
74	Wildfire effects on lipid composition and hydrophobicity of bulk soil and soil size fractions under <i>Quercus suber</i> cover (SW-Spain). <i>Environmental Research</i> , 2017, 159, 394-405.	7.5	30
75	Globally enhanced Hg deposition and Hg isotopes in sections straddling the Permian-Triassic boundary: Link to volcanism. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 540, 109537.	2.3	30
76	Early to Late Maastrichtian environmental changes in the Indian Ocean compared with Tethys and South Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 478, 121-138.	2.3	29
77	Mercury in the food chain of the Lagoon of Venice, Italy. <i>Marine Pollution Bulletin</i> , 2014, 88, 194-206.	5.0	28
78	Petroleum as source and carrier of metals in epigenetic sediment-hosted mineralization. <i>Scientific Reports</i> , 2019, 9, 8283.	3.3	28
79	Microstructural, chemical and isotopic evidence for the origin of late neolithic leather recovered from an ice field in the Swiss Alps. <i>Journal of Archaeological Science</i> , 2010, 37, 1851-1865.	2.4	27
80	Major environmental change and bonebed genesis prior to the Triassic-Jurassic mass extinction. <i>Journal of the Geological Society</i> , 2012, 169, 191-200.	2.1	27
81	Sr, C and O isotope systematics in the Pucará basin, central Peru. <i>Mineralium Deposita</i> , 1996, 31, 147-162.	4.1	26
82	Low Molecular Weight Carboxylic Acids in Oxidizing Porphyry Copper Tailings. <i>Environmental Science & Technology</i> , 2005, 39, 2515-2521.	10.0	26
83	Hydrocarbon Biomarkers in the Topla-Mezica Zinc-Lead Deposits, Northern Karavanke/Drau Range, Slovenia: Paleoenvironment at the Site of Ore Formation. <i>Economic Geology</i> , 2006, 101, 997-1021.	3.8	26
84	Silver-base metal epithermal vein and listwaenite types of deposit Crnac, Rogozna Mts., Kosovo. Part I: Ore mineral geochemistry and sulfur isotope study. <i>Ore Geology Reviews</i> , 2011, 40, 65-80.	2.7	25
85	Mineralogical, petrographic and geochemical characterisation of white and coloured Iberian marbles in the context of the provenancing of some artefacts from Thamusida (Kenitra, Morocco). <i>European Journal of Mineralogy</i> , 2011, 23, 857-869.	1.3	25
86	Deciphering the message of Early Cretaceous drowning surfaces from the Helvetic Alps: What can be learnt from platform to basin correlations?. <i>Sedimentology</i> , 2013, 60, 152-173.	3.1	25
87	Chicxulub impact spherules in the North Atlantic and Caribbean: age constraints and Cretaceous-Tertiary boundary hiatus. <i>Geological Magazine</i> , 2013, 150, 885-907.	1.5	25
88	Stable isotope (C, O, S) systematics of the mercury mineralization at Idrja, Slovenia: constraints on fluid source and alteration processes. <i>Mineralium Deposita</i> , 2003, 38, 886-899.	4.1	24
89	Palaeoclimate and palaeoenvironmental changes through the onset of the Valanginian carbon isotope excursion: Evidence from the Polish Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 426, 183-198.	2.3	24
90	New geochemical constraints on the Paleocene-Eocene thermal maximum: Dababiya GSSP, Egypt. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 429, 117-135.	2.3	24

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91	Effect of fertilisation timing on the partitioning of foliar-applied nitrogen in <i>Vitis vinifera</i> cv. Chasselas: a ¹⁵ N labelling approach. <i>Australian Journal of Grape and Wine Research</i> , 2015, 21, 110-117.	2.1	24
92	Palaeoenvironmental changes associated with Deccan volcanism, examples from terrestrial deposits from Central India. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 165-180.	2.3	24
93	A global palaeoclimatic reconstruction for the Valanginian based on clay mineralogical and geochemical data. <i>Earth-Science Reviews</i> , 2020, 202, 103092.	9.1	24
94	Molecular and isotopic characterization of biomarkers in the Frick Swiss Jura sediments: A palaeoenvironmental reconstruction on the northern Tethys margin. <i>Organic Geochemistry</i> , 2007, 38, 419-439.	1.8	23
95	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). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 443, 145-155.	2.3	23
96	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. <i>Mineralium Deposita</i> , 2016, 51, 639-664.	4.1	23
97	Expression of the Toarcian Oceanic Anoxic Event: New insights from a Swiss transect. <i>Sedimentology</i> , 2019, 66, 262-284.	3.1	23
98	What are the most crucial soil variables for predicting the distribution of mountain plant species? A comprehensive study in the Swiss Alps. <i>Journal of Biogeography</i> , 2020, 47, 1143-1153.	3.0	23
99	Hypogenic origin of Provalata Cave, Republic of Macedonia: a distinct case of successive thermal carbonic and sulfuric acid speleogenesis. <i>International Journal of Speleology</i> , 2013, 42, 235-246.	1.0	23
100	Stable Hydrogen and Oxygen Isotope Composition of Waters from Mine Tailings in Different Climatic Environments. <i>Environmental Science & Technology</i> , 2007, 41, 1870-1876.	10.0	22
101	Organic and inorganic geochemistry of Ljubija siderite deposits, NW Bosnia and Herzegovina. <i>Mineralium Deposita</i> , 2009, 44, 893-913.	4.1	22
102	Remediation of a Marine Shore Tailings Deposit and the Importance of Water-Rock Interaction on Element Cycling in the Coastal Aquifer. <i>Environmental Science & Technology</i> , 2011, 45, 4876-4883.	10.0	22
103	Origin of abundant moonmilk deposits in a subsurface granitic environment. <i>Sedimentology</i> , 2018, 65, 1482-1503.	3.1	22
104	Palaeoecological insights on Toarcian and lower Aalenian calcareous nannofossils from the Lusitanian Basin (Portugal). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 436, 245-262.	2.3	21
105	The expression of early Aptian to latest Cenomanian oceanic anoxic events in the sedimentary record of the Briançonnais domain. <i>Global and Planetary Change</i> , 2018, 170, 76-92.	3.5	21
106	Molecular and isotopic characterization of lipids staining bone and antler tools in the Late Neolithic settlement, Zurich Opera Parking, Switzerland. <i>Organic Geochemistry</i> , 2014, 69, 11-25.	1.8	20
107	Carbon dioxide in scree slope deposits: A pathway from atmosphere to pedogenic carbonate. <i>Geoderma</i> , 2015, 247-248, 129-139.	5.1	20
108	Cenomanian-Turonian sea-level transgression and OAE2 deposition in the Western Narmada Basin, India. <i>Gondwana Research</i> , 2021, 94, 73-86.	6.0	20

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109	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. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2031-2043.	3.7	20
110	Adaptive Strategies in a Poly-Extreme Environment: Differentiation of Vegetative Cells in <i>Serratia ureilytica</i> and Resistance to Extreme Conditions. <i>Frontiers in Microbiology</i> , 2019, 10, 102.	3.5	19
111	Stable Carbon Isotope Composition of $\delta^{13}C$ -Conjugated Linoleic Acid in Cow's Milk as Related to Dietary Fatty Acids. <i>Lipids</i> , 2012, 47, 161-169.	1.7	18
112	Bulk C, H, O, and fatty acid C stable isotope analyses for purity assessment of vegetable oils from the southern and northern hemispheres. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2447-2461.	1.5	18
113	Mass wasting and hiatuses during the Cretaceous-Tertiary transition in the North Atlantic: Relationship to the Chicxulub impact?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 96-115.	2.3	18
114	Phosphorus-cycle disturbances during the Late Devonian anoxic events. <i>Global and Planetary Change</i> , 2020, 184, 103070.	3.5	18
115	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. <i>Sedimentary Geology</i> , 2017, 359, 44-61.	2.1	17
116	New calcareous nannofossil and carbon isotope data for the Pliensbachian/Toarcian boundary (Early Tj) in the Tj ETQq0 0 0 rgBT /Overlock 10 Tf. <i>Stratigraphy</i> , 2019, 52, 173-196.	1.2	17
117	Large-scale paleoceanographic variations in the western Mediterranean Sea during the last 34,000 years: From enhanced cold-water coral growth to declining mounds. <i>Marine Micropaleontology</i> , 2018, 143, 46-62.	1.2	16
118	Feeding increases the number of offspring but decreases parental investment of Red Sea coral <i>Stylophora pistillata</i> . <i>Ecology and Evolution</i> , 2019, 9, 12245-12258.	1.9	16
119	New stratigraphic data for the Lower Cretaceous Tigran Formation, Kopet-Dagh Basin, NE Iran. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	16
120	Unraveling short- and long-term carbon cycle variations during the Oceanic Anoxic Event 2 from the Paris Basin Chalk. <i>Global and Planetary Change</i> , 2020, 186, 103126.	3.5	16
121	The Paleocene-Eocene GSSP at Dababiya, Egypt — Revisited. <i>Episodes</i> , 2014, 37, 78-86.	1.2	16
122	Sulfur isotope variations from orebody to hand-specimen scale at the Mežica lead-zinc deposit, Slovenia: a predominantly biogenic pattern. <i>Mineralium Deposita</i> , 2010, 45, 531-547.	4.1	15
123	Meta-scale mountain grassland observatories uncover commonalities as well as specific interactions among plant and non-rhizosphere soil bacterial communities. <i>Scientific Reports</i> , 2018, 8, 5758.	3.3	15
124	Evolution of the Urgonian shallow-water carbonate platform on the Helvetic shelf during the late Early Cretaceous. <i>Sedimentary Geology</i> , 2019, 387, 18-56.	2.1	15
125	Precession-driven monsoonal activity controlled the development of the early Albian Paquier oceanic anoxic event (OAE1b): Evidence from the Vocontian Basin, SE France. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109406.	2.3	15
126	Photosynthesis from stolen chloroplasts can support sea slug reproductive fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211779.	2.6	15

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127	Experimental evolution of post-ingestive nutritional compensation in response to a nutrient-poor diet. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202684.	2.6	15
128	The impact of plant water status on the gas exchange, berry composition and wine quality of Chasselas grapes in Switzerland. <i>Oeno One</i> , 2018, 52, .	1.4	15
129	Mercury enrichments of the Pyrenean foreland basins sediments support enhanced volcanism during the Paleocene-Eocene thermal maximum (PETM). <i>Global and Planetary Change</i> , 2022, 212, 103794.	3.5	15
130	Reliability of stable carbon and oxygen isotope compositions of pedogenic needle fibre calcite as environmental indicators: examples from Western Europe. <i>Isotopes in Environmental and Health Studies</i> , 2011, 47, 341-358.	1.0	14
131	Changes in soil water availability in vineyards can be traced by the carbon and nitrogen isotope composition of dried wines. <i>Science of the Total Environment</i> , 2018, 635, 178-187.	8.0	14
132	Effect of Organic Carbon and Nitrogen on the Interactions of <i>Morchella</i> spp. and Bacteria Dispersing on Their Mycelium. <i>Frontiers in Microbiology</i> , 2019, 10, 124.	3.5	14
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