Christophe LÃ©cuyer

List of Publications by Year
in descending order

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163	9,346	38742 50	43889 91
papers	citations	h-index	g-index

166	166	166	7295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Did Cooling Oceans Trigger Ordovician Biodiversification? Evidence from Conodont Thermometry. Science, 2008, 321, 550-554.	12.6	518
2	Asian monsoons in a late Eocene greenhouse world. Nature, 2014, 513, 501-506.	27.8	386
3	Crystal-chemical controls on rare-earth element concentrations in fossil biogenic apatites and implications for paleoenvironmental reconstructions. Chemical Geology, 1999, 155, 233-241.	3.3	336
4	Thermal evolution of Cretaceous Tethyan marine waters inferred from oxygen isotope composition of fish tooth enamels. Paleoceanography, 2003, 18, n/a-n/a.	3.0	260
5	Oxygen isotope fractionation between human phosphate and water revisited. Journal of Human Evolution, 2008, 55, 1138-1147.	2.6	258
6	Secular environmental precursors to Early Toarcian (Jurassic) extreme climate changes. Earth and Planetary Science Letters, 2010, 290, 448-458.	4.4	245
7	Experimentally-controlled carbon and oxygen isotope exchange between bioapatites and water under inorganic and microbially-mediated conditions. Geochimica Et Cosmochimica Acta, 2004, 68, 1-12.	3.9	227
8	The hydrogen isotope composition of seawater and the global water cycle. Chemical Geology, 1998, 145, 249-261.	3.3	208
9	Ice age at the Middleâ€“Late Jurassic transition?. Earth and Planetary Science Letters, 2003, 213, 205-220.	4.4	191
10	Can crystallinity be used to determine the degree of chemical alteration of biogenic apatites?. Chemical Geology, 2004, 205, 83-97.	3.3	182
11	Evidence for major environmental perturbation prior to and during the Toarcian (Early Jurassic) oceanic anoxic event from the Lusitanian Basin, Portugal. Paleoceanography, 2008, 23, .	3.0	176
12	Latitudinal temperature gradient during the Cretaceous Upper Campanianâ€“Middle Maastrichtian: Î´18O record of continental vertebrates. Earth and Planetary Science Letters, 2004, 226, 255-272.	4.4	166
13	Thermal excursions in the ocean at the Cretaceousâ€”Tertiary boundary (northern Morocco): Î´18O record of phosphatic fish debris. Palaeogeography, Palaeoclimatology, Palaeoecology, 1993, 105, 235-243.	2.3	161
14	Diagenesis and the reconstruction of paleoenvironments: A method to restore original Î´18O values of carbonate and phosphate from fossil tooth enamel. Geochimica Et Cosmochimica Acta, 2004, 68, 2245-2258.	3.9	153
15	Comparing oxygen isotope records of silurian calcite and phosphateâ€”Î´18O compositions of brachiopods and conodonts. Geochimica Et Cosmochimica Acta, 2000, 64, 1859-1872.	3.9	152
16	Rare earth element evolution of Phanerozoic seawater recorded in biogenic apatites. Chemical Geology, 2004, 204, 63-102.	3.3	152
17	Polar record of Early Jurassic massive carbon injection. Earth and Planetary Science Letters, 2011, 312, 102-113.	4.4	142
18	Deciphering kinetic, metabolic and environmental controls on stable isotope fractionations between seawater and the shell of Terebratalia transversa (Brachiopoda). Chemical Geology, 2003, 202, 59-78.	3.3	139

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19	Long-term fluxes and budget of ferric iron: implication for the redox states of the Earth's mantle and atmosphere. Earth and Planetary Science Letters, 1999, 165, 197-211.	4.4	136
20	Oxygen isotopes of East Asian dinosaurs reveal exceptionally cold Early Cretaceous climates. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5179-5183.	7.1	135
21	Natural variations of copper and sulfur stable isotopes in blood of hepatocellular carcinoma patients. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 982-985.	7.1	133
22	Calibration of the phosphate Î´18O thermometer with carbonateâ€“water oxygen isotope fractionation equations. Chemical Geology, 2013, 347, 217-226.	3.3	127
23	Oxygen isotope exchange between dissolved phosphate and water at temperatures â‰¤135Â°C: inorganic versus biological fractionations. Geochimica Et Cosmochimica Acta, 1999, 63, 855-862.	3.9	126
24	Rare earth element contents of Jurassic fish and reptile teeth and their potential relation to seawater composition (Anglo-Paris Basin, France and England). Chemical Geology, 2002, 186, 1-16.	3.3	122
25	Thermal evolution of Tethyan surface waters during the Middle-Late Jurassic: Evidence from Î´18O values of marine fish teeth. Paleoceanography, 2003, 18, n/a-n/a.	3.0	118
26	Regulation of Body Temperature by Some Mesozoic Marine Reptiles. Science, 2010, 328, 1379-1382.	12.6	118
27	Î´18O and REE contents of phosphatic brachiopods: a comparison between modern and lower Paleozoic populations. Geochimica Et Cosmochimica Acta, 1998, 62, 2429-2436.	3.9	106
28	Oxygen isotope evidence for semi-aquatic habits among spinosaurid theropods. Geology, 2010, 38, 139-142.	4.4	103
29	Oxygen isotopes from biogenic apatites suggest widespread endothermy in Cretaceous dinosaurs. Earth and Planetary Science Letters, 2006, 246, 41-54.	4.4	102
30	11B/10B analysis of geological materials by ICPâ€“MS Plasma 54: Application to the boron fractionation between brachiopod calcite and seawater. Chemical Geology, 2002, 186, 45-55.	3.3	101
31	Neodymium isotope evolution of NW Tethyan upper ocean waters throughout the Cretaceous. Earth and Planetary Science Letters, 2005, 236, 705-720.	4.4	98
32	Fish tooth Î´18O revising Late Cretaceous meridional upper ocean water temperature gradients. Geology, 2007, 35, 107.	4.4	88
33	Stable isotope composition and rare earth element content of vertebrate remains from the Late Cretaceous of northern Spain (LaÃ±o): did the environmental record survive?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 193, 457-471.	2.3	81
34	Stable isotope fractionation between mollusc shells and marine waters from Martinique Island. Chemical Geology, 2004, 213, 293-305.	3.3	79
35	Comparison of carbon, nitrogen and water budgets on Venus and the Earth. Earth and Planetary Science Letters, 2000, 181, 33-40.	4.4	78
36	Determination of oxygen isotope fractionation between water and phosphate from living lingulids: potential application to palaeoenvironmental studies. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 126, 101-108.	2.3	76

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37	Modelling of the oxygen isotope evolution of seawater: implications for the climate interpretation of the Î´18O of marine sediments. Geochimica Et Cosmochimica Acta, 1999, 63, 351-361.	3.9	74
38	Intra-tooth isotope variations in late Miocene bovid enamel from Afghanistan: paleobiological, taphonomic, and climatic implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 186, 145-161.	2.3	71
39	High-precision determination of18O/16O ratios of silver phosphate by EA-pyrolysis-IRMS continuous flow technique. Journal of Mass Spectrometry, 2007, 42, 36-41.	1.6	71
40	Pleistocene seasonal temperature variations recorded in the Î´18O of Bison priscus teeth. Earth and Planetary Science Letters, 2009, 283, 133-143.	4.4	68
41	Sea surface temperature contributes to marine crocodylomorph evolution. Nature Communications, 2014, 5, 4658.	12.8	67
42	Î´18O values of coexisting brachiopods and fish: Temperature differences and estimates of paleoâ€“water depths. Geology, 1998, 26, 975.	4.4	63
43	The origin of fluids and the effects of metamorphism on the primary chemical compositions of Barberton komatiites: New evidence from geochemical (REE) and isotopic (Nd, O, H,) data. Geochimica Et Cosmochimica Acta, 1994, 58, 969-984.	3.9	60
44	Oxygen isotope compositions of Late Jurassic vertebrate remains from lithographic limestones of western Europe: implications for the ecology of fish, turtles, and crocodilians. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 216, 359-375.	2.3	60
45	Deciphering â€œtemperatureâ€•and â€œsalinityâ€•from biogenic phosphates: the Î´18O of coexisting fishes and mammals of the Middle Miocene sea of western France. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 126, 61-74.	2.3	59
46	Oxygen isotope fractionation between crocodilian phosphate and water. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 243, 412-420.	2.3	58
47	Freshwater fish Î´18O indicates a Messinian change of the precipitation regime in Central Africa. Geology, 2011, 39, 435-438.	4.4	58
48	Boron isotopic fractionation between minerals and fluids: New insights from in situ high pressure-high temperature vibrational spectroscopic data. Geochimica Et Cosmochimica Acta, 2005, 69, 4301-4313.	3.9	57
49	Drowning of a carbonate platform as a precursor stage of the Early Toarcian global anoxic event (Southern Provence subâ€Basin, Southâ€east France). Sedimentology, 2012, 59, 156-184.	3.1	55
50	Continental recycling: The oxygen isotope point of view. Geochemistry, Geophysics, Geosystems, 2005, 6, n/a-n/a.	2.5	54
51	Correlation between environment and Late Mesozoic ray-finned fish evolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 245, 353-367.	2.3	54
52	Oxygen Isotope Composition Of Human Teeth And The Record Of Climate Changes In France (Lorraine) During The Last 1700 Years. Climatic Change, 2005, 70, 445-464.	3.6	52
53	Variations in Ce anomalies of conodonts through the Frasnian/Famennian boundary of Poland (Kowala â€“ Holy Cross Mountains): implications for the redox state of seawater and biodiversity. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 181, 299-311.	2.3	51
54	Boron isotope geochemistry of Paleozoic brachiopod calcite: Implications for a secular change in the boron isotope geochemistry of seawater over the Phanerozoic. Geochimica Et Cosmochimica Acta, 2005, 69, 4035-4044.	3.9	51

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55	Box-modeling of 15N/14N in mammals. Oecologia, 2006, 147, 212-222.	2.0	50
56	Tectonic and climatic controls on coastal sedimentation: The Late Plioceneâ€“Middle Pleistocene of northeastern Rhodes, Greece. Sedimentary Geology, 2006, 187, 159-181.	2.1	50
57	Oxygen isotope fractionation between apatite-bound carbonate and water determined from controlled experiments with synthetic apatites precipitated at 10â€“37Â°C. Geochimica Et Cosmochimica Acta, 2010, 74, 2072-2081.	3.9	50
58	Early Pleistocene climate changes in the central Mediterranean region as inferred from integrated pollen and planktonic foraminiferal stable isotope analyses. Quaternary Research, 2007, 67, 264-274.	1.7	49
59	‹sup›18‹/sup›O/‹sup›16‹/sup›O ratio measurements of inorganic and organic materials by elemental analysisâ€“pyrolysisâ€“isotope ratio mass spectrometry continuousâ€flow techniques. Rapid Communications in Mass Spectrometry, 2011, 25, 2691-2696.	1.5	49
60	Carbon- and oxygen-isotope records of palaeoenvironmental and carbonate production changes in shallow-marine carbonates (Kimmeridgian, Swiss Jura). Geological Magazine, 2011, 148, 133-153.	1.5	49
61	Formation of Carbonates in the Tatahouine Meteorite. Science, 1998, 280, 412-414.	12.6	48
62	Oxygen and carbon isotope compositions of middle Cretaceous vertebrates from North Africa and Brazil: Ecological and environmental significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 297, 439-451.	2.3	48
63	Carbon and oxygen isotope fractionations between aragonite and calcite of shells from modern molluscs. Chemical Geology, 2012, 332-333, 92-101.	3.3	48
64	SPECTACULAR PRESERVATION OF SEAGRASSES AND SEAGRASS-ASSOCIATED COMMUNITIES FROM THE PLIOCENE OF RHODES, GREECE. Palaios, 2007, 22, 200-211.	1.3	47
65	Environment and ecology of East Asian dinosaurs during the Early Cretaceous inferred from stable oxygen and carbon isotopes in apatite. Journal of Asian Earth Sciences, 2015, 98, 358-370.	2.3	47
66	Oxygen isotope fractionation and equilibration kinetics between CO2 and H2O as a function of salinity of aqueous solutions. Chemical Geology, 2009, 264, 122-126.	3.3	44
67	Egyptian mummies record increasing aridity in the Nile valley from 5500 to 1500yr before present. Earth and Planetary Science Letters, 2013, 375, 92-100.	4.4	42
68	Isotopic and anatomical evidence of an herbivorous diet in the Early Tertiary giant bird Gastornis. Implications for the structure of Paleocene terrestrial ecosystems. Die Naturwissenschaften, 2014, 101, 313-322.	1.6	42
69	Carbon and oxygen isotope composition of Nautilus macromphalus: a record of thermocline waters off New Caledonia. Chemical Geology, 2004, 207, 91-100.	3.3	40
70	Oxygen isotopes suggest elevated thermometabolism within multiple Permo-Triassic therapsid clades. ELife, 2017, 6, .	6.0	37
71	Late Pleistocene climatic change in the French Jura (Gigny) recorded in the Î´‹sup›18‹/sup›O of phosphate from ungulate tooth enamel. Quaternary Research, 2011, 75, 605-613.	1.7	36
72	Oxygen isotope compositions of phosphate from arvicoline teeth and Quaternary climatic changes, Gigny, French Jura. Quaternary Research, 2004, 62, 172-182.	1.7	35

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73	Changes in vegetation and marine environments in the eastern Mediterranean (Rhodes, Greece) during the Early and Middle Pleistocene. Journal of the Geological Society, 2007, 164, 1119-1131.	2.1	35
74	Oxygen isotope compositions of phosphate from Middle Mioceneâ€“Early Pliocene marine vertebrates of Peru. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 264, 85-92.	2.3	35
75	Elemental fluxes during hydrothermal alteration of the Trinity ophiolite (California, U.S.A.) by seawater. Chemical Geology, 1990, 89, 87-115.	3.3	34
76	Determination of Sr and Ba partition coefficients between apatite and water from 5Â°C to 60Â°C: a potential new thermometer for aquatic paleoenvironments. Geochimica Et Cosmochimica Acta, 2004, 68, 423-432.	3.9	34
77	Stable isotope compositions of fluid inclusions in biogenic carbonates. Geochimica Et Cosmochimica Acta, 1994, 58, 353-363.	3.9	33
78	Cenozoic long-term terrestrial climatic evolution in Germany tracked by Î´18O of rodent tooth phosphate. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 285, 331-342.	2.3	33
79	Late Miocene climatic and environmental variations in northern Greece inferred from stable isotope compositions (Î´18O, Î´13C) of equid teeth apatite. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 388, 48-57.	2.3	32
80	â€œTerror Birdsâ€•(Phorusrhacidae) from the Eocene of Europe Imply Trans-Tethys Dispersal. PLoS ONE, 2013, 8, e80357.	2.5	31
81	CO2 and temperature decoupling at the million-year scale during the Cretaceous Greenhouse. Scientific Reports, 2017, 7, 8310.	3.3	31
82	Oxygen Isotope Analysis of Phosphate. , 2004, , 482-496.		30
83	Late Pleistocene (MIS 3â€“4) climate inferred from micromammal communities and Î´¹⁸O of rodents from Les Pradelles, France. Quaternary Research, 2013, 80, 113-124.	1.7	30
84	What does the oxygen isotope composition of rodent teeth record?. Earth and Planetary Science Letters, 2013, 361, 258-271.	4.4	29
85	Evolution of the carbon isotope composition of atmospheric CO2 throughout the Cretaceous. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 471, 40-47.	2.3	29
86	D/H fractionation during the sublimation of water ice. Icarus, 2017, 285, 1-7.	2.5	29
87	Late Cretaceous Antarctic fish diversity. Geological Society Special Publication, 2006, 258, 83-100.	1.3	28
88	Diet of ancient Egyptians inferred from stable isotope systematics. Journal of Archaeological Science, 2014, 46, 114-124.	2.4	28
89	Contrasted breeding strategies in four sympatric sibling insect species: when a proovigenic and capital breeder copes with a stochastic environment. Functional Ecology, 2012, 26, 198-206.	3.6	27
90	Seawater residence times of some elements of geochemical interest and the salinity of the oceans. Bulletin - Societie Geologique De France, 2016, 187, 245-260.	2.2	27

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91	Benzo(a)pyrene inhibits the role of the bioturbator Tubifex tubifex in river sediment biogeochemistry. Science of the Total Environment, 2013, 450-451, 230-241.	8.0	26
92	Euryhaline ecology of early tetrapods revealed by stable isotopes. Nature, 2018, 558, 68-72.	27.8	26
93	Impact of the Middle Jurassic diversification of Watznaueria (coccolith-bearing algae) on the carbon cycle and Î´13C of bulk marine carbonates. Global and Planetary Change, 2012, 86-87, 92-100.	3.5	25
94	Oxygen isotope composition of vertebrate phosphates from Cherves-de-Cognac (Berriasian, France): Environmental and ecological significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 410, 290-299.	2.3	25
95	Timing of Late Pliocene to Middle Pleistocene tectonic events in Rhodes (Greece) inferred from magneto-biostratigraphy and 40Ar/39Ar dating of a volcaniclastic layer. Earth and Planetary Science Letters, 2006, 250, 281-291.	4.4	24
96	The record of temperature, wind velocity and air humidity in the Î´D and Î´18O of water inclusions in synthetic and Messinian halites. Geochimica Et Cosmochimica Acta, 2011, 75, 4637-4652.	3.9	24
97	Simultaneous N, C, S stable isotope analyses using a new purge and trap elemental analyzer and an isotope ratio mass spectrometer. Rapid Communications in Mass Spectrometry, 2014, 28, 2587-2594.	1.5	24
98	Not so desertedâ€¦paleoecology and human subsistence in Central Iberia (Guadalajara, Spain) around the Last Glacial Maximum. Quaternary Science Reviews, 2016, 140, 21-38.	3.0	24
99	Duration of the Early Bajocian and the associated Î´ ¹³ C positive excursion based on cyclostratigraphy. Journal of the Geological Society, 2013, 170, 107-118.	2.1	23
100	Determination of Sr and Ba partition coefficients between apatite from fish (Sparus aurata) and seawater: The influence of temperature. Geochimica Et Cosmochimica Acta, 2010, 74, 3449-3458.	3.9	22
101	Freshening of the Marmara Sea prior to its post-glacial reconnection to the Mediterranean Sea. Earth and Planetary Science Letters, 2015, 413, 176-185.	4.4	22
102	Î´¹⁸Oâ€derived incubation temperatures of oviraptorosaur eggs. Palaeontology, 2017, 60, 633-647.	2.2	22
103	Hydrothermalism and diapirism in the Archean: gravitational instability constraints. Tectonophysics, 1999, 304, 29-39.	2.2	21
104	Title is missing!. Marine Geophysical Researches, 2000, 21, 351-385.	1.2	21
105	Î´ 13 C signal of earthworm calcite granules: A new proxy for palaeoprecipitation reconstructions during the Last Glacial in western Europe. Quaternary Science Reviews, 2018, 179, 158-166.	3.0	21
106	Reconstructing seawater Sr/Ca during the last 70My using fossil fish tooth enamel. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 133-138.	2.3	20
107	Stable isotope ecology of Miocene bovids from northern Greece and the ape/monkey turnover in the Balkans. Journal of Human Evolution, 2013, 65, 185-198.	2.6	19
108	Oxygen isotope composition of continental vertebrate apatites from Mesozoic formations of Thailand; environmental and ecological significance. Geological Society Special Publication, 2009, 315, 271-283.	1.3	18

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109	Semi-automatic determination of the carbon and oxygen stable isotope compositions of calcite and dolomite in natural mixtures. Applied Geochemistry, 2012, 27, 257-265.	3.0	18
110	Stable isotope record implicates aridification without warming during the late Capitanian mass extinction. Gondwana Research, 2018, 59, 1-8.	6.0	17
111	Combined palaeoecological methods using small-mammal assemblages to decipher environmental context of a long-term Neanderthal settlement in northeastern Iberia. Quaternary Science Reviews, 2020, 228, 106072.	3.0	17
112	Paleozoic and Lower Mesozoic magmas from the eastern Klamath Mountains (North California) and the geodynamic evolution of northwestern America. Tectonophysics, 1987, 140, 155-177.	2.2	16
113	Variability in the Î´13C of lower Palaeozoic palynomorphs: implications for the interpretation of ancient marine sediments. Chemical Geology, 1997, 138, 161-170.	3.3	16
114	Discorhabdus as a key coccolith genus for paleoenvironmental reconstructions (Middle Jurassic,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	16
115	Oxygen isotope evidence for multi-stage hydrothermal alteration at a fossil slow-spreading center: the Silurian Trinity ophiolite (California, U.S.A.). Chemical Geology: Isotope Geoscience Section, 1991, 87, 231-246.	0.6	15
116	Hydrogen isotope composition of Early Proterozoic seawater. Geology, 1996, 24, 291.	4.4	15
117	Measurement of ³⁴S/³²S Ratios of <scp>NBS</scp> 120c and <scp>BCR</scp> 32 Phosphorites Using Purge and Trap <scp>EA</scp>â€<scp>IRMS</scp> Technology. Geostandards and Geoanalytical Research, 2015, 39, 47-53.	3.1	15
118	Oxygen isotope fractionation between bird eggshell calcite and body water: application to fossil eggs from Lanzarote (Canary Islands). Die Naturwissenschaften, 2016, 103, 81.	1.6	15
119	The shredding activity of gammarids facilitates the processing of organic matter by the subterranean amphipod Niphargus rhenorhodanensis. Freshwater Biology, 2011, 56, 481-490.	2.4	14
120	Water sources, mixing and evaporation in the Akyatan lagoon, Turkey. Estuarine, Coastal and Shelf Science, 2012, 115, 200-209.	2.1	14
121	Deciphering processes controlling mid-Jurassic coccolith turnover. Marine Micropaleontology, 2016, 125, 36-50.	1.2	14
122	Marine and continental synchronous climatic records: Towards a revision of the European Mid-Miocene mammalian biochronological framework. Geobios, 2007, 40, 775-784.	1.4	13
123	Summer air temperature, reconstructions from the last glacial stage based on rodents from the site Taillis-des-Coteaux (Vienne), Western France. Quaternary Research, 2014, 82, 420-429.	1.7	13
124	Geochemistry of the Cambrian Sirius Passet LagerstÃtte, Northern Greenland. Geochemistry, Geophysics, Geosystems, 2014, 15, 886-904.	2.5	13
125	Ephemeral magma chambers in the Trinity peridotite, northern California. Tectonophysics, 1991, 186, 313-328.	2.2	12
126	Temperature and cyclone frequency in Kimmeridgian Greenhouse period (late Jurassic). Global and Planetary Change, 2018, 170, 126-145.	3.5	12

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127	Evolutionary dynamics of Pragian Dacryoconarida (Lower Devonian, Tentaculitoidea): evidence from palaeontological data and Â°13C of marine carbonates from Czech Republic. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 138, 69-83.	2.3	11
128	Stable carbon and oxygen isotope compositions of invertebrate carbonate shells and the reconstruction of paleotemperatures and paleosalinitiesâ€"A case study of the early Pleistocene of Rhodes, Greece. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 350-352, 39-48.	2.3	11
129	D/H equilibrium fractionation between H2O and H2 as a function of the salinity of aqueous solutions. Chemical Geology, 2012, 291, 236-240.	3.3	11
130	Effects of chemical preparation protocols on Î´13C values of plant fossil samples. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 438, 267-276.	2.3	11
131	Local-scale analysis of plant community from the Early Cretaceous riparian ecosystem of Hautrage, Belgium. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 443, 107-122.	2.3	11
132	Biomarker and isotope evidence for microbially-mediated carbonate formation from gypsum and petroleum hydrocarbons. Chemical Geology, 2013, 347, 199-207.	3.3	10
133	Temperature and precipitation regime in LGM human refugia of southwestern Europe inferred from Î´13C and Î´18O of large mammal remains. Quaternary Science Reviews, 2021, 255, 106796.	3.0	10
134	Oxygen isotope variability in calcite shells of the ostracod Cyprideis torosa in Akyatan Lagoon, Turkey. Journal of Paleolimnology, 2014, 52, 43-59.	1.6	9
135	Fossil avian eggs from the Palaeogene of southern France: new size estimates and a possible taxonomic identification of the egg-layer. Geological Magazine, 2015, 152, 70-79.	1.5	9
136	Highâ€precision ³⁴S/³²S measurements in vertebrate bioapatites using purgeâ€andâ€trap elemental analyser/isotope ratio mass spectrometry technology. Rapid Communications in Mass Spectrometry, 2016, 30, 2002-2008.	1.5	9
137	Oxygen isotope fractionation between bird bone phosphate and drinking water. Die Naturwissenschaften, 2017, 104, 47.	1.6	9
138	Paleoclimate and ecology of Cretaceous continental ecosystems of Japan inferred from the stable oxygen and carbon isotope compositions of vertebrate bioapatite. Journal of Asian Earth Sciences, 2021, 205, 104602.	2.3	9
139	Miocene (Burdigalian) seawater and air temperatures estimated from the geochemistry of fossil remains from the Aquitaine Basin, France. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 481, 14-28.	2.3	8
140	Tsunami sedimentary deposits of Crete records climate during the â€˜Minoan Warming Periodâ€™ (â‰ˆ3350 yr) Tj ETQq0 0 0 rgBT /Ov	1.7	8
141	New insights into the morphology and taxonomy of the Cretaceous conifer Frenelopsis based on a new species from the Albian of San Just, Teruel, Spain. Cretaceous Research, 2019, 95, 21-36.	1.4	8
142	Stable isotopes (Î´18O and Î´13C) give new perspective on the ecology and diet of Endothiodon bathystoma (Therapsida, Dicynodontia) from the late Permian of the South African Karoo Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 556, 109882.	2.3	8
143	Climatic change and diet of the pre-Hispanic population of Gran Canaria (Canary Archipelago, Spain) during the Medieval Warm Period and Little Ice Age. Journal of Archaeological Science, 2021, 128, 105336.	2.4	8
144	Interâ€laboratory Characterisation of Apatite Reference Materials for Oxygen Isotope Analysis and Associated Methodological Considerations. Geostandards and Geoanalytical Research, 2022, 46, 277-306.	3.1	8

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145	Diversity of magma types in a lower Paleozoic island arc-marginal basin system (Eastern Klamath) Tj ETQq1 1 0.784314 rgBT /Overloc	3.3	7
146	A stable isotope toolbox for water and inorganic carbon cycle studies. Nature Reviews Earth & Environment, 2021, 2, 699-719.	29.7	7
147	Combined oxygen and sulphur isotope analysisâ€"a new tool to unravel vertebrate (paleo)-ecology. Die Naturwissenschaften, 2020, 107, 10.	1.6	7
148	Tectono-magmatic evolution of Paleozoic and early Mesozoic rocks in the eastern Klamath Mountains, California, and the Blue Mountains, eastern Oregonâ€"western Idaho. Special Paper of the Geological Society of America, 1990, , 255-276.	0.5	6
149	Hydrogen and Oxygen Isotope Reference Materials for the Analysis of Water Inclusions in Halite. Geostandards and Geoanalytical Research, 2012, 36, 51-59.	3.1	6
150	Dolerites of the Woodlark Basin (Papuan Peninsula, New Guinea): A geochemical record of the influence of a neighbouring subduction zone. Journal of Asian Earth Sciences, 2008, 33, 139-154.	2.3	5
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