

Christophe LÃ©cuyer

List of Publications by Year in descending order

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163
papers

9,346
citations

38742

50
h-index

43889

91
g-index

166
all docs

166
docs citations

166
times ranked

7295
citing authors

#	ARTICLE	IF	CITATIONS
1	Interlaboratory Characterisation of Apatite Reference Materials for Oxygen Isotope Analysis and Associated Methodological Considerations. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 277-306.	3.1	8
2	Climate conditions and dietary practices during the Second Iron Age studied through the multi-isotope analysis of bones and teeth from individuals of ThÃ©zy-Glimont, Picardie, France. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	3
3	New insights in Neanderthal palaeoecology using stable oxygen isotopes preserved in small mammals as palaeoclimatic tracers in Teixoneres Cave (MoiÃ, northeastern Iberia). <i>Archaeological and Anthropological Sciences</i> , 2022, 14, .	1.8	5
4	Paleoclimate and ecology of Cretaceous continental ecosystems of Japan inferred from the stable oxygen and carbon isotope compositions of vertebrate bioapatite. <i>Journal of Asian Earth Sciences</i> , 2021, 205, 104602.	2.3	9
5	Temperature and precipitation regime in LGM human refugia of southwestern Europe inferred from $\delta^{13}C$ and $\delta^{18}O$ of large mammal remains. <i>Quaternary Science Reviews</i> , 2021, 255, 106796.	3.0	10
6	Climatic change and diet of the pre-Hispanic population of Gran Canaria (Canary Archipelago, Spain) during the Medieval Warm Period and Little Ice Age. <i>Journal of Archaeological Science</i> , 2021, 128, 105336.	2.4	8
7	A stable isotope toolbox for water and inorganic carbon cycle studies. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 699-719.	29.7	7
8	$\delta^{18}O$ and $\delta^{13}C$ of diagenetic land snail shells from the Pliocene (Zanclean) of Lanzarote, Canary Archipelago: Do they still record some climatic parameters?. <i>Journal of African Earth Sciences</i> , 2020, 162, 103702.	2.0	1
9	Oxygen isotopes and ecological inferences of Permian (Guadalupian) tetrapods from the main Karoo Basin of South Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109485.	2.3	4
10	Combined palaeoecological methods using small-mammal assemblages to decipher environmental context of a long-term Neanderthal settlement in northeastern Iberia. <i>Quaternary Science Reviews</i> , 2020, 228, 106072.	3.0	17
11	The Gauls experienced the Roman Warm Period: Oxygen isotope study of the Gallic site of ThÃ©zy-Glimont, Picardie, France. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102595.	0.5	4
12	Isotopic systematics point to wild origin of mummified birds in Ancient Egypt. <i>Scientific Reports</i> , 2020, 10, 15463.	3.3	3
13	Stable isotopes ($\delta^{18}O$ and $\delta^{13}C$) give new perspective on the ecology and diet of <i>Endothiodon bathystoma</i> (Therapsida, Dicynodontia) from the late Permian of the South African Karoo Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 556, 109882.	2.3	8
14	Combined oxygen and sulphur isotope analysisâ€”a new tool to unravel vertebrate (paleo)-ecology. <i>Die Naturwissenschaften</i> , 2020, 107, 10.	1.6	7
15	Synthesis of In-House Produced Calibrated Silver Phosphate with a Large Range of Oxygen Isotope Compositions. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 681-688.	3.1	2
16	Unravelling the oxygen isotope signal ($\delta^{18}O$) of rodent teeth from northeastern Iberia, and implications for past climate reconstructions. <i>Quaternary Science Reviews</i> , 2019, 218, 107-121.	3.0	5
17	New insights into the morphology and taxonomy of the Cretaceous conifer <i>Frenelopsis</i> based on a new species from the Albian of San Just, Teruel, Spain. <i>Cretaceous Research</i> , 2019, 95, 21-36.	1.4	8
18	Tsunami sedimentary deposits of Crete records climate during the â€”Minoan Warming Periodâ€™ (~ 3350 yr T ₁ ETQq0 0,0 rgBT /Ov	1.7	0

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19	Stable isotope record implicates aridification without warming during the late Capitanian mass extinction. <i>Gondwana Research</i> , 2018, 59, 1-8.	6.0	17
20	$\delta^{13}\text{C}$ signal of earthworm calcite granules: A new proxy for palaeoprecipitation reconstructions during the Last Glacial in western Europe. <i>Quaternary Science Reviews</i> , 2018, 179, 158-166.	3.0	21
21	Euryhaline ecology of early tetrapods revealed by stable isotopes. <i>Nature</i> , 2018, 558, 68-72.	27.8	26
22	Learning from past climatic changes. <i>Science</i> , 2018, 360, 1400-1401.	12.6	2
23	Temperature and cyclone frequency in Kimmeridgian Greenhouse period (late Jurassic). <i>Global and Planetary Change</i> , 2018, 170, 126-145.	3.5	12
24	Record of Nile seasonality in Nubian neonates. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 223-242.	1.0	1
25	Evolution of the carbon isotope composition of atmospheric CO_2 throughout the Cretaceous. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 471, 40-47.	2.3	29
26	Oxygen isotope fractionation between bird bone phosphate and drinking water. <i>Die Naturwissenschaften</i> , 2017, 104, 47.	1.6	9
27	Miocene (Burdigalian) seawater and air temperatures estimated from the geochemistry of fossil remains from the Aquitaine Basin, France. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 481, 14-28.	2.3	8
28	D/H fractionation during the sublimation of water ice. <i>Icarus</i> , 2017, 285, 1-7.	2.5	29
29	CO_2 and temperature decoupling at the million-year scale during the Cretaceous Greenhouse. <i>Scientific Reports</i> , 2017, 7, 8310.	3.3	31
30	$\delta^{18}\text{O}$ -derived incubation temperatures of oviraptorosaur eggs. <i>Palaeontology</i> , 2017, 60, 633-647.	2.2	22
31	Analysing the representativeness of local-scale palaeodiversity measurements: a case from the Lower Cretaceous plant assemblage of Hautrage (Mons Basin, Belgium). <i>Lethaia</i> , 2017, 50, 244-257.	1.4	2
32	Oxygen isotopes suggest elevated thermometabolism within multiple Permo-Triassic therapsid clades. <i>ELife</i> , 2017, 6, .	6.0	37
33	Seawater residence times of some elements of geochemical interest and the salinity of the oceans. <i>Bulletin - Societe Geologique De France</i> , 2016, 187, 245-260.	2.2	27
34	Not so deserted - paleoecology and human subsistence in Central Iberia (Guadalajara, Spain) around the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2016, 140, 21-38.	3.0	24
35	High-precision $\delta^{34}\text{S}/\delta^{32}\text{S}$ measurements in vertebrate bioapatites using purge-and-trap elemental analyser/isotope ratio mass spectrometry technology. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2002-2008.	1.5	9
36	Oxygen isotope fractionation between bird eggshell calcite and body water: application to fossil eggs from Lanzarote (Canary Islands). <i>Die Naturwissenschaften</i> , 2016, 103, 81.	1.6	15

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37	Deciphering processes controlling mid-Jurassic coccolith turnover. <i>Marine Micropaleontology</i> , 2016, 125, 36-50.	1.2	14
38	Local-scale analysis of plant community from the Early Cretaceous riparian ecosystem of Hautrage, Belgium. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 443, 107-122.	2.3	11
39	Freshening of the Marmara Sea prior to its post-glacial reconnection to the Mediterranean Sea. <i>Earth and Planetary Science Letters</i> , 2015, 413, 176-185.	4.4	22
40	Natural variations of copper and sulfur stable isotopes in blood of hepatocellular carcinoma patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 982-985.	7.1	133
41	Measurement of $^{34}\text{S}/^{32}\text{S}$ Ratios of $\text{NBS}^{120\text{c}}$ and BCR^{32} Phosphorites Using Purge and Trap EA^{IRMS} Technology. <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 47-53.	3.1	15
42	Effects of chemical preparation protocols on $\delta^{13}\text{C}$ values of plant fossil samples. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 438, 267-276.	2.3	11
43	Environment and ecology of East Asian dinosaurs during the Early Cretaceous inferred from stable oxygen and carbon isotopes in apatite. <i>Journal of Asian Earth Sciences</i> , 2015, 98, 358-370.	2.3	47
44	Fossil avian eggs from the Palaeogene of southern France: new size estimates and a possible taxonomic identification of the egg-layer. <i>Geological Magazine</i> , 2015, 152, 70-79.	1.5	9
45	Isotopic and anatomical evidence of an herbivorous diet in the Early Tertiary giant bird <i>Gastornis</i> . Implications for the structure of Paleocene terrestrial ecosystems. <i>Die Naturwissenschaften</i> , 2014, 101, 313-322.	1.6	42
46	Diet of ancient Egyptians inferred from stable isotope systematics. <i>Journal of Archaeological Science</i> , 2014, 46, 114-124.	2.4	28
47	Simultaneous N, C, S stable isotope analyses using a new purge and trap elemental analyzer and an isotope ratio mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2587-2594.	1.5	24
48	Sea surface temperature contributes to marine crocodylomorph evolution. <i>Nature Communications</i> , 2014, 5, 4658.	12.8	67
49	Summer air temperature, reconstructions from the last glacial stage based on rodents from the site Taillis-des-Coteaux (Vienne), Western France. <i>Quaternary Research</i> , 2014, 82, 420-429.	1.7	13
50	Asian monsoons in a late Eocene greenhouse world. <i>Nature</i> , 2014, 513, 501-506.	27.8	386
51	Oxygen isotope variability in calcite shells of the ostracod <i>Cyprideis torosa</i> in Akyatan Lagoon, Turkey. <i>Journal of Paleolimnology</i> , 2014, 52, 43-59.	1.6	9
52	Oxygen isotope composition of vertebrate phosphates from Cherves-de-Cognac (Berriasian, France): Environmental and ecological significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 410, 290-299.	2.3	25
53	Geochemistry of the Cambrian Sirius Passet Lagerstutte, Northern Greenland. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 886-904.	2.5	13
54	Egyptian mummies record increasing aridity in the Nile valley from 5500 to 1500yr before present. <i>Earth and Planetary Science Letters</i> , 2013, 375, 92-100.	4.4	42

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55	What does the oxygen isotope composition of rodent teeth record?. <i>Earth and Planetary Science Letters</i> , 2013, 361, 258-271.	4.4	29
56	Biomarker and isotope evidence for microbially-mediated carbonate formation from gypsum and petroleum hydrocarbons. <i>Chemical Geology</i> , 2013, 347, 199-207.	3.3	10
57	Late Miocene climatic and environmental variations in northern Greece inferred from stable isotope compositions ($\delta^{18}O$, $\delta^{13}C$) of equid teeth apatite. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 388, 48-57.	2.3	32
58	Duration of the Early Bajocian and the associated $\delta^{13}C$ positive excursion based on cyclostratigraphy. <i>Journal of the Geological Society</i> , 2013, 170, 107-118.	2.1	23
59	Stable isotope ecology of Miocene bovids from northern Greece and the ape/monkey turnover in the Balkans. <i>Journal of Human Evolution</i> , 2013, 65, 185-198.	2.6	19
60	Late Pleistocene (MIS 3-4) climate inferred from micromammal communities and $\delta^{18}O$ of rodents from Les Pradelles, France. <i>Quaternary Research</i> , 2013, 80, 113-124.	1.7	30
61	Calibration of the phosphate $\delta^{18}O$ thermometer with carbonate-water oxygen isotope fractionation equations. <i>Chemical Geology</i> , 2013, 347, 217-226.	3.3	127
62	Benzo(a)pyrene inhibits the role of the bioturbator <i>Tubifex tubifex</i> in river sediment biogeochemistry. <i>Science of the Total Environment</i> , 2013, 450-451, 230-241.	8.0	26
63	“Terror Birds” (Phorusrhacidae) from the Eocene of Europe Imply Trans-Tethys Dispersal. <i>PLoS ONE</i> , 2013, 8, e80357.	2.5	31
64	Carbon and oxygen isotope fractionations between aragonite and calcite of shells from modern molluscs. <i>Chemical Geology</i> , 2012, 332-333, 92-101.	3.3	48
65	Stable carbon and oxygen isotope compositions of invertebrate carbonate shells and the reconstruction of paleotemperatures and paleosalinities—A case study of the early Pleistocene of Rhodes, Greece. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 350-352, 39-48.	2.3	11
66	Semi-automatic determination of the carbon and oxygen stable isotope compositions of calcite and dolomite in natural mixtures. <i>Applied Geochemistry</i> , 2012, 27, 257-265.	3.0	18
67	<i>Discorhabdus</i> as a key coccolith genus for paleoenvironmental reconstructions (Middle Jurassic). <i>TJ ETQq1 1 0.784314 rgBT /Overlock</i> 1.2 16		
68	D/H equilibrium fractionation between H ₂ O and H ₂ as a function of the salinity of aqueous solutions. <i>Chemical Geology</i> , 2012, 291, 236-240.	3.3	11
69	Impact of the Middle Jurassic diversification of <i>Watznaueria</i> (coccolith-bearing algae) on the carbon cycle and $\delta^{13}C$ of bulk marine carbonates. <i>Global and Planetary Change</i> , 2012, 86-87, 92-100.	3.5	25
70	Water sources, mixing and evaporation in the Akyatan lagoon, Turkey. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 115, 200-209.	2.1	14
71	Hydrogen and Oxygen Isotope Reference Materials for the Analysis of Water Inclusions in Halite. <i>Geostandards and Geoanalytical Research</i> , 2012, 36, 51-59.	3.1	6
72	Drowning of a carbonate platform as a precursor stage of the Early Toarcian global anoxic event (Southern Provence sub-Basin, South-East France). <i>Sedimentology</i> , 2012, 59, 156-184.	3.1	55

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73	Contrasted breeding strategies in four sympatric sibling insect species: when a proovigenic and capital breeder copes with a stochastic environment. <i>Functional Ecology</i> , 2012, 26, 198-206.	3.6	27
74	Oxygen isotopes of East Asian dinosaurs reveal exceptionally cold Early Cretaceous climates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5179-5183.	7.1	135
75	The record of temperature, wind velocity and air humidity in the $\delta^{18}O$ and δ^2H of water inclusions in synthetic and Messinian halites. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4637-4652.	3.9	24
76	Polar record of Early Jurassic massive carbon injection. <i>Earth and Planetary Science Letters</i> , 2011, 312, 102-113.	4.4	142
77	Reconstructing seawater Sr/Ca during the last 70My using fossil fish tooth enamel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 310, 133-138.	2.3	20
78	Experimental study of D/H fractionation between water and hydrogen gas during the oxidation of Fe-bearing silicates at high temperatures (600 \AA –1200 \AA C). <i>Central European Geology</i> , 2011, 54, 81-93.	0.4	5
79	Freshwater fish $\delta^{18}O$ indicates a Messinian change of the precipitation regime in Central Africa. <i>Geology</i> , 2011, 39, 435-438.	4.4	58
80	The shredding activity of gammarids facilitates the processing of organic matter by the subterranean amphipod <i>Niphargus rhenorhodanensis</i> . <i>Freshwater Biology</i> , 2011, 56, 481-490.	2.4	14
81	Late Pleistocene climatic change in the French Jura (Gigny) recorded in the $\delta^{18}O$ of phosphate from ungulate tooth enamel. <i>Quaternary Research</i> , 2011, 75, 605-613.	1.7	36
82	$\delta^{18}O/\delta^{16}O$ ratio measurements of inorganic and organic materials by elemental analysis–pyrolysis–isotope ratio mass spectrometry continuous–flow techniques. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2691-2696.	1.5	49
83	Carbon- and oxygen-isotope records of palaeoenvironmental and carbonate production changes in shallow-marine carbonates (Kimmeridgian, Swiss Jura). <i>Geological Magazine</i> , 2011, 148, 133-153.	1.5	49
84	Oxygen isotope fractionation between apatite-bound carbonate and water determined from controlled experiments with synthetic apatites precipitated at 10–37 \AA C. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2072-2081.	3.9	50
85	Determination of Sr and Ba partition coefficients between apatite from fish (<i>Sparus aurata</i>) and seawater: The influence of temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3449-3458.	3.9	22
86	Secular environmental precursors to Early Toarcian (Jurassic) extreme climate changes. <i>Earth and Planetary Science Letters</i> , 2010, 290, 448-458.	4.4	245
87	Cenozoic long-term terrestrial climatic evolution in Germany tracked by $\delta^{18}O$ of rodent tooth phosphate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 285, 331-342.	2.3	33
88	Oxygen and carbon isotope compositions of middle Cretaceous vertebrates from North Africa and Brazil: Ecological and environmental significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 439-451.	2.3	48
89	Oxygen isotope evidence for semi-aquatic habits among spinosaurid theropods. <i>Geology</i> , 2010, 38, 139-142.	4.4	103
90	Regulation of Body Temperature by Some Mesozoic Marine Reptiles. <i>Science</i> , 2010, 328, 1379-1382.	12.6	118

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91	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
92	Pleistocene seasonal temperature variations recorded in the $\delta^{18}O$ of <i>Bison priscus</i> teeth. Earth and Planetary Science Letters, 2009, 283, 133-143.	4.4	68
93	Oxygen isotope fractionation and equilibration kinetics between CO ₂ and H ₂ O as a function of salinity of aqueous solutions. Chemical Geology, 2009, 264, 122-126.	3.3	44
94	Oxygen isotope fractionation between human phosphate and water revisited. Journal of Human Evolution, 2008, 55, 1138-1147.	2.6	258
95	Evidence for major environmental perturbation prior to and during the Toarcian (Early Jurassic) oceanic anoxic event from the Lusitanian Basin, Portugal. Paleooceanography, 2008, 23, .	3.0	176
96	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
97	Oxygen isotope compositions of phosphate from Middle Miocene–Early Pliocene marine vertebrates of Peru. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 264, 85-92.	2.3	35
98	Did Cooling Oceans Trigger Ordovician Biodiversification? Evidence from Conodont Thermometry. Science, 2008, 321, 550-554.	12.6	518
99	SPECTACULAR PRESERVATION OF SEAGRASSES AND SEAGRASS-ASSOCIATED COMMUNITIES FROM THE PLIOCENE OF RHODES, GREECE. Palaios, 2007, 22, 200-211.	1.3	47
100	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
101	Fish tooth $\delta^{18}O$ revising Late Cretaceous meridional upper ocean water temperature gradients. Geology, 2007, 35, 107.	4.4	88
102	Correlation between environment and Late Mesozoic ray-finned fish evolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 245, 353-367.	2.3	54
103	Oxygen isotope fractionation between crocodylian phosphate and water. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 243, 412-420.	2.3	58
104	High-precision determination of $^{18}O/^{16}O$ ratios of silver phosphate by EA-pyrolysis-IRMS continuous flow technique. Journal of Mass Spectrometry, 2007, 42, 36-41.	1.6	71
105	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
106	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
107	Late Cretaceous Antarctic fish diversity. Geological Society Special Publication, 2006, 258, 83-100.	1.3	28
108	Oxygen isotopes from biogenic apatites suggest widespread endothermy in Cretaceous dinosaurs. Earth and Planetary Science Letters, 2006, 246, 41-54.	4.4	102

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109	Timing of Late Pliocene to Middle Pleistocene tectonic events in Rhodes (Greece) inferred from magneto-biostratigraphy and $^{40}\text{Ar}/^{39}\text{Ar}$ dating of a volcanoclastic layer. <i>Earth and Planetary Science Letters</i> , 2006, 250, 281-291.	4.4	24
110	Box-modeling of $^{15}\text{N}/^{14}\text{N}$ in mammals. <i>Oecologia</i> , 2006, 147, 212-222.	2.0	50
111	Tectonic and climatic controls on coastal sedimentation: The Late Plioceneâ€“Middle Pleistocene of northeastern Rhodes, Greece. <i>Sedimentary Geology</i> , 2006, 187, 159-181.	2.1	50
112	Oxygen Isotope Composition Of Human Teeth And The Record Of Climate Changes In France (Lorraine) During The Last 1700 Years. <i>Climatic Change</i> , 2005, 70, 445-464.	3.6	52
113	Boron isotope geochemistry of Paleozoic brachiopod calcite: Implications for a secular change in the boron isotope geochemistry of seawater over the Phanerozoic. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4035-4044.	3.9	51
114	Boron isotopic fractionation between minerals and fluids: New insights from in situ high pressure-high temperature vibrational spectroscopic data. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4301-4313.	3.9	57
115	Neodymium isotope evolution of NW Tethyan upper ocean waters throughout the Cretaceous. <i>Earth and Planetary Science Letters</i> , 2005, 236, 705-720.	4.4	98
116	Oxygen isotope compositions of Late Jurassic vertebrate remains from lithographic limestones of western Europe: implications for the ecology of fish, turtles, and crocodylians. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 216, 359-375.	2.3	60
117	Continental recycling: The oxygen isotope point of view. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	54
118	Oxygen Isotope Analysis of Phosphate. , 2004, , 482-496.		30
119	Oxygen isotope compositions of phosphate from arvicoline teeth and Quaternary climatic changes, Gigny, French Jura. <i>Quaternary Research</i> , 2004, 62, 172-182.	1.7	35
120	Rare earth element evolution of Phanerozoic seawater recorded in biogenic apatites. <i>Chemical Geology</i> , 2004, 204, 63-102.	3.3	152
121	Can crystallinity be used to determine the degree of chemical alteration of biogenic apatites?. <i>Chemical Geology</i> , 2004, 205, 83-97.	3.3	182
122	Stable isotope fractionation between mollusc shells and marine waters from Martinique Island. <i>Chemical Geology</i> , 2004, 213, 293-305.	3.3	79
123	Carbon and oxygen isotope composition of <i>Nautilus macromphalus</i> : a record of thermocline waters off New Caledonia. <i>Chemical Geology</i> , 2004, 207, 91-100.	3.3	40
124	Diagenesis and the reconstruction of paleoenvironments: A method to restore original $\delta^{18}\text{O}$ values of carbonate and phosphate from fossil tooth enamel. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2245-2258.	3.9	153
125	Latitudinal temperature gradient during the Cretaceous Upper Campanianâ€“Middle Maastrichtian: $\delta^{18}\text{O}$ record of continental vertebrates. <i>Earth and Planetary Science Letters</i> , 2004, 226, 255-272.	4.4	166
126	Experimentally-controlled carbon and oxygen isotope exchange between bioapatites and water under inorganic and microbially-mediated conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1-12.	3.9	227

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127	Determination of Sr and Ba partition coefficients between apatite and water from 5Â°C to 60Â°C: a potential new thermometer for aquatic paleoenvironments. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 423-432.	3.9	34
128	Thermal evolution of Cretaceous Tethyan marine waters inferred from oxygen isotope composition of fish tooth enamels. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	260
129	Thermal evolution of Tethyan surface waters during the Middle-Late Jurassic: Evidence from $\delta^{18}O$ values of marine fish teeth. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	118
130	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?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 193, 457-471.	2.3	81
131	Deciphering kinetic, metabolic and environmental controls on stable isotope fractionations between seawater and the shell of <i>Terebratalia transversa</i> (Brachiopoda). <i>Chemical Geology</i> , 2003, 202, 59-78.	3.3	139
132	Ice age at the Middleâ€“Late Jurassic transition?. <i>Earth and Planetary Science Letters</i> , 2003, 213, 205-220.	4.4	191
133	Rare earth element contents of Jurassic fish and reptile teeth and their potential relation to seawater composition (Anglo-Paris Basin, France and England). <i>Chemical Geology</i> , 2002, 186, 1-16.	3.3	122
134	$^{11}B/^{10}B$ analysis of geological materials by ICPâ€“MS Plasma 54: Application to the boron fractionation between brachiopod calcite and seawater. <i>Chemical Geology</i> , 2002, 186, 45-55.	3.3	101
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#	ARTICLE	IF	CITATIONS
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