Clive N Trueman

List of Publications by Year
in descending order

69 papers	2,809 citations	147801 31 h-index	189892 50 g-index
70 all docs	70 docs citations	70 times ranked	3563 citing authors

#	Article	IF	Citations
1	Quantifying physiological influences on otolith microchemistry. Methods in Ecology and Evolution, 2015, 6, 806-816.	5.2	172
2	Why do crystallinity values fail to predict the extent of diagenetic alteration of bone mineral?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 266, 160-167.	2.3	168
3	An alternative suggestion for the Pliocene onset of major northern hemisphere glaciation based on the geochemical provenance of North Atlantic Ocean ice-rafted debris. Quaternary Science Reviews, 2013, 75, 181-194.	3.0	119
4	Rare Earth Element Geochemistry and Taphonomy of Terrestrial Vertebrate Assemblages. Palaios, 1999, 14, 555.	1.3	118
5	Dinosaurs and other fossil vertebrates from fluvial deposits in the Lower Cretaceous of southern Tunisia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 157, 227-246.	2.3	107
6	Toward a better understanding of fishâ€based contribution to ocean carbon flux. Limnology and Oceanography, 2021, 66, 1639-1664.	3.1	106
7	Visualizing fossilization using laser ablationâ€"inductively coupled plasmaâ€"mass spectrometry maps of trace elements in Late Cretaceous bones. Geology, 2009, 37, 511-514.	4.4	95
8	Protracted diagenetic alteration of REE contents in fossil bioapatites: Direct evidence from Luâ€"Hf isotope systematics. Geochimica Et Cosmochimica Acta, 2010, 74, 6077-6092.	3.9	95
9	A global perspective on the trophic geography of sharks. Nature Ecology and Evolution, 2018, 2, 299-305.	7.8	95
10	A nesting trace with eggs for the Cretaceous theropod dinosaur<i>Troodon formosus</i>. Journal of Vertebrate Paleontology, 1999, 19, 91-100.	1.0	91
11	Accounting for the effects of lipids in stable isotope (<i>Î´</i>¹³C and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34 Communications in Mass Spectrometry, 2012, 26, 2745-2754.	1.5	78
12	Rare earth elements in Solnhofen biogenic apatite: geochemical clues to the palaeoenvironment. Sedimentary Geology, 2003, 155, 109-127.	2.1	71
13	Quantifying carbon fluxes from primary production to mesopelagic fish using a simple food web model. ICES Journal of Marine Science, 2019, 76, 690-701.	2.5	66
14	Comparing rates of recrystallisation and the potential for preservation of biomolecules from the distribution of trace elements in fossil bones. Comptes Rendus - Palevol, 2008, 7, 145-158.	0.2	65
15	A comparison of otolith microchemistry and otolith shape analysis for the study of spatial variation in a deep-sea teleost, Coryphaenoides rupestris. Environmental Biology of Fishes, 2010, 89, 591-605.	1.0	64
16	Listening In on the Past: What Can Otolith Î´18O Values Really Tell Us about the Environmental History of Fishes?. PLoS ONE, 2014, 9, e108539.	2.5	64
17	Fractionation of rare earth elements within bone mineral: A natural cation exchange system. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 124-132.	2.3	61
18	Chemical taphonomy of biomineralized tissues. Palaeontology, 2013, 56, 475-486.	2.2	61

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19	Field metabolic rates of teleost fishes are recorded in otolith carbonate. Communications Biology, 2019, 2, 24.	4.4	59
20	Geochemical study of vertebrate fossils from the Upper Cretaceous (Santonian) CsehbÃ¡nya Formation (Hungary): Evidence for a freshwater habitat of mosasaurs and pycnodont fish. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 532-542.	2.3	54
21	The 9th century BCE destruction layer at Tell es-Safi/Gath, Israel: integrating macro- and microarchaeology. Journal of Archaeological Science, 2011, 38, 3471-3482.	2.4	53
22	DNA barcoding identifies a cosmopolitan diet in the ocean sunfish. Scientific Reports, 2016, 6, 28762.	3.3	53
23	Palaeoenvironments of vertebrates on the southern shore of Tethys: The nonmarine Early Cretaceous of Tunisia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 243, 118-131.	2.3	49
24	Diagenetic effects on the oxygen isotope composition of bones of dinosaurs and other vertebrates recovered from terrestrial and marine sediments. Journal of the Geological Society, 2003, 160, 895-901.	2.1	47
25	Juvenile life history of NE Atlantic orange roughy from otolith stable isotopes. Deep-Sea Research Part I: Oceanographic Research Papers, 2007, 54, 1221-1230.	1.4	44
26	Prey preferences of sympatric fin (<i>Balaenoptera physalus</i>) and humpback (<i>Megaptera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 242-258.	1.8	44
27	Isotopic Tracking of Marine Animal Movement. , 2019, , 137-172.		40
28	Stable isotopes reveal age-dependent trophic level and spatial segregation during adult marine feeding in populations of salmon. ICES Journal of Marine Science, 2012, 69, 1637-1645.	2.5	39
29	Stable isotopeâ€based location in a shelf sea setting: accuracy and precision are comparable to lightâ€based location methods. Methods in Ecology and Evolution, 2017, 8, 232-240.	5.2	38
30	Functional, size and taxonomic diversity of fish along a depth gradient in the deep sea. PeerJ, 2016, 4, e2387.	2.0	37
31	Spatial models of carbon, nitrogen and sulphur stable isotope distributions (isoscapes) across a shelf sea: An <scp>INLA</scp> approach. Methods in Ecology and Evolution, 2019, 10, 518-531.	5.2	36
32	Combining simulation modeling and stable isotope analyses to reconstruct the last known movements of one of Natureâ€™s giants. PeerJ, 2019, 7, e7912.	2.0	35
33	Tracking, feather moult and stable isotopes reveal foraging behaviour of a critically endangered seabird during the nonâ€breeding season. Diversity and Distributions, 2017, 23, 130-145.	4.1	33
34	Otolith Î´13C values as a metabolic proxy: approaches and mechanical underpinnings. Marine and Freshwater Research, 2019, 70, 1747.	1.3	33
35	Teleost and elasmobranch eye lenses as a target for life-history stable isotope analyses. PeerJ, 2018, 6, e4883.	2.0	30
36	Looking for the archaeological signature in Australian Megafaunal extinctions. Quaternary International, 2013, 285, 76-88.	1.5	28

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37	Stable isotopes reveal linkages between ocean climate, plankton community dynamics, and survival of two populations of Atlantic salmon (Salmo salar). ICES Journal of Marine Science, 2012, 69, 784-794.	2.5	27
38	Ecogeochemistry potential in deep time biodiversity illustrated using a modern deep-water case study. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150223.	4.0	26
39	Ocean-scale connectivity and life cycle reconstruction in a deep-sea fish. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1312-1323.	1.4	24
40	Palaeoenvironmental implications of the ichnology and geochemistry of the Westbury Formation (Rhaetian), Westbury-on-Severn, south-west England. Palaeontology, 2010, 53, 491-506.	2.2	19
41	First measurements of field metabolic rate in wild juvenile fishes show strong thermal sensitivity but variations between sympatric ecotypes. Oikos, 2021, 130, 287-299.	2.7	19
42	Isoscape Models of the Southern Ocean: Predicting Spatial and Temporal Variability in Carbon and Nitrogen Isotope Compositions of Particulate Organic Matter. Global Biogeochemical Cycles, 2021, 35, e2020GB006901.	4.9	19
43	Analysis methods and reference concentrations of 12 minor and trace elements in fish blood plasma. Journal of Trace Elements in Medicine and Biology, 2013, 27, 273-285.	3.0	18
44	Sympatric Atlantic puffins and razorbills show contrasting responses to adverse marine conditions during winter foraging within the North Sea. Movement Ecology, 2019, 7, 33.	2.8	18
45	Trophic ecology of black scabbardfish, Aphanopus carbo in the NE Atlanticâ€"Assessment through stomach content and stable isotope analyses. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 77, 1-10.	1.4	15
46	The preparation of jellyfish for stable isotope analysis. Marine Biology, 2017, 164, 1.	1.5	15
47	Deep-sea sponge aggregations (Pheronema carpenteri) in the Porcupine Seabight (NE Atlantic) potentially degraded by demersal fishing. Progress in Oceanography, 2020, 183, 102189.	3.2	15
48	Fundamental questions and applications of sclerochronology: Community-defined research priorities. Estuarine, Coastal and Shelf Science, 2020, 245, 106977.	2.1	15
49	Fine-scale population structure in a deep-sea teleost (orange roughy, Hoplostethus atlanticus). Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 627-636.	1.4	12
50	Taylor's power law captures the effects of environmental variability on community structure: An example from fishes in the North Sea. Journal of Animal Ecology, 2019, 88, 290-301.	2.8	11
51	Sensitivity of Î´13C values of seabird tissues to combined spatial, temporal and ecological drivers: A simulation approach. Journal of Experimental Marine Biology and Ecology, 2019, 512, 12-21.	1.5	11
52	A future for seafood point-of-origin testing using DNA and stable isotope signatures. Reviews in Fish Biology and Fisheries, 2022, 32, 597-621.	4.9	11
53	Stable isotopes suggest the location of marine feeding grounds of South European Atlantic salmon in Greenland. ICES Journal of Marine Science, 2020, 77, 593-603.	2.5	10
54	Deepâ€water fisheries along the British Isles continental slopes: status, ecosystem effects and future perspectives. Journal of Fish Biology, 2019, 94, 981-992.	1.6	9

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55	Patterns of at-sea behaviour at a hybrid zone between two threatened seabirds. Scientific Reports, 2019, 9, 14720.	3.3	7
56	Emplacement of the Cabezo MarÃa lamproite volcano (Miocene, SE Spain). Bulletin of Volcanology, 2015, 77, 1.	3.0	6
57	Predicting Geographic Ranges of Marine Animal Populations Using Stable Isotopes: A Case Study of Great Hammerhead Sharks in Eastern Australia. Frontiers in Marine Science, 2020, 7, .	2.5	6
58	Evaluation of two lipid removal methods for stable carbon and nitrogen isotope analysis in whale tissue. Rapid Communications in Mass Spectrometry, 2020, 34, e8851.	1.5	6
59	Stable isotopes demonstrate seasonally stable benthicâ€pelagic coupling as newly fixed nutrients are rapidly transferred through food chains in an estuarine fish community. Journal of Fish Biology, 2022, , .	1.6	6
60	Lead Exposure in Adult Males in Urban Transvaal Province, South Africa during the Apartheid Era. PLoS ONE, 2013, 8, e58146.	2.5	5
61	Compound-Specific Stable Isotope Analysis of Amino Acids in Pelagic Shark Vertebrae Reveals Baseline, Trophic, and Physiological Effects on Bulk Protein Isotope Records. Frontiers in Marine Science, 2021, 8, .	2.5	5
62	Diagenetic Origin of REE in Vertebrate Apatite: A Reconsideration of Samoilov and Benjamini, 1996. Palaios, 1997, 12, 495.	1.3	4
63	Longitudinal and contemporaneous manganese exposure in apartheid-era South Africa: Implications for the past and future. International Journal of Paleopathology, 2015, 8, 1-9.	1.4	4
64	Individual trophic specialization in juvenile European seabass: implications for the management of a commercially important species. ICES Journal of Marine Science, 2019, 76, 1784-1793.	2.5	4
65	A modern method of multiple working hypotheses to improve inference in ecology. Royal Society Open Science, 2020, 7, 200231.	2.4	4
66	Deuterium in marine organic biomarkers: toward a new tool for quantifying aquatic mixotrophy. New Phytologist, 2022, 234, 776-782.	7.3	4
67	Forensic geology of bone mineral: geochemical tracers for post-mortem movement of bone remains. Geological Society Special Publication, 2004, 232, 249-256.	1.3	3
68	Traceability of the Norway Lobster Nephrops norvegicus in UK Shelf Seas: A Stable Isotope Approach. Journal of Shellfish Research, 2021, 40, .	0.9	1
69	Body condition of returning Atlantic salmon <i>Salmo salar</i> L. correlates with scale <scp>Î´¹³C</scp> and <scp>Î´¹⁵N</scp> content deposited at the last marine foraging location. Journal of Fish Biology, 2021, , .	1.6	0