

# Clive N Trueman

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A future for seafood point-of-origin testing using DNA and stable isotope signatures. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 597-621.	4.9	11
2	Stable isotopes demonstrate seasonally stable benthicâ€pelagic coupling as newly fixed nutrients are rapidly transferred through food chains in an estuarine fish community. <i>Journal of Fish Biology</i> , 2022, , .	1.6	6
3	Deuterium in marine organic biomarkers: toward a new tool for quantifying aquatic mixotrophy. <i>New Phytologist</i> , 2022, 234, 776-782.	7.3	4
4	First measurements of field metabolic rate in wild juvenile fishes show strong thermal sensitivity but variations between sympatric ecotypes. <i>Oikos</i> , 2021, 130, 287-299.	2.7	19
5	Toward a better understanding of fishâ€™based contribution to ocean carbon flux. <i>Limnology and Oceanography</i> , 2021, 66, 1639-1664.	3.1	106
6	Traceability of the Norway Lobster <i>Nephrops norvegicus</i> in UK Shelf Seas: A Stable Isotope Approach. <i>Journal of Shellfish Research</i> , 2021, 40, .	0.9	1
7	Compound-Specific Stable Isotope Analysis of Amino Acids in Pelagic Shark Vertebrae Reveals Baseline, Trophic, and Physiological Effects on Bulk Protein Isotope Records. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
8	Isoscape Models of the Southern Ocean: Predicting Spatial and Temporal Variability in Carbon and Nitrogen Isotope Compositions of Particulate Organic Matter. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006901.	4.9	19
9	Body condition of returning Atlantic salmon <i>Salmo salar</i> L. correlates with scale $\delta^{13}C$ and $\delta^{15}N$ content deposited at the last marine foraging location. <i>Journal of Fish Biology</i> , 2021, , .	1.6	0
10	Deep-sea sponge aggregations ( <i>Pheronema carpenteri</i> ) in the Porcupine Seabight (NE Atlantic) potentially degraded by demersal fishing. <i>Progress in Oceanography</i> , 2020, 183, 102189.	3.2	15
11	Fundamental questions and applications of sclerochronology: Community-defined research priorities. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106977.	2.1	15
12	A modern method of multiple working hypotheses to improve inference in ecology. <i>Royal Society Open Science</i> , 2020, 7, 200231.	2.4	4
13	Predicting Geographic Ranges of Marine Animal Populations Using Stable Isotopes: A Case Study of Great Hammerhead Sharks in Eastern Australia. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	6
14	Evaluation of two lipid removal methods for stable carbon and nitrogen isotope analysis in whale tissue. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8851.	1.5	6
15	Stable isotopes suggest the location of marine feeding grounds of South European Atlantic salmon in Greenland. <i>ICES Journal of Marine Science</i> , 2020, 77, 593-603.	2.5	10
16	Quantifying carbon fluxes from primary production to mesopelagic fish using a simple food web model. <i>ICES Journal of Marine Science</i> , 2019, 76, 690-701.	2.5	66
17	Patterns of at-sea behaviour at a hybrid zone between two threatened seabirds. <i>Scientific Reports</i> , 2019, 9, 14720.	3.3	7
18	Spatial models of carbon, nitrogen and sulphur stable isotope distributions (isoscapes) across a shelf sea: An <i>INLA</i> approach. <i>Methods in Ecology and Evolution</i> , 2019, 10, 518-531.	5.2	36

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19	Field metabolic rates of teleost fishes are recorded in otolith carbonate. <i>Communications Biology</i> , 2019, 2, 24.	4.4	59
20	Otolith $\delta^{13}\text{C}$ values as a metabolic proxy: approaches and mechanical underpinnings. <i>Marine and Freshwater Research</i> , 2019, 70, 1747.	1.3	33
21	Individual trophic specialization in juvenile European seabass: implications for the management of a commercially important species. <i>ICES Journal of Marine Science</i> , 2019, 76, 1784-1793.	2.5	4
22	Isotopic Tracking of Marine Animal Movement. , 2019, , 137-172.		40
23	Deep-water fisheries along the British Isles continental slopes: status, ecosystem effects and future perspectives. <i>Journal of Fish Biology</i> , 2019, 94, 981-992.	1.6	9
24	Sympatric Atlantic puffins and razorbills show contrasting responses to adverse marine conditions during winter foraging within the North Sea. <i>Movement Ecology</i> , 2019, 7, 33.	2.8	18
25	Taylor's power law captures the effects of environmental variability on community structure: An example from fishes in the North Sea. <i>Journal of Animal Ecology</i> , 2019, 88, 290-301.	2.8	11
26	Sensitivity of $\delta^{13}\text{C}$ values of seabird tissues to combined spatial, temporal and ecological drivers: A simulation approach. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 512, 12-21.	1.5	11
27	Combining simulation modeling and stable isotope analyses to reconstruct the last known movements of one of Nature's giants. <i>PeerJ</i> , 2019, 7, e7912.	2.0	35
28	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018, 2, 299-305.	7.8	95
29	Teleost and elasmobranch eye lenses as a target for life-history stable isotope analyses. <i>PeerJ</i> , 2018, 6, e4883.	2.0	30
30	The preparation of jellyfish for stable isotope analysis. <i>Marine Biology</i> , 2017, 164, 1.	1.5	15
31	Stable isotope-based location in a shelf sea setting: accuracy and precision are comparable to light-based location methods. <i>Methods in Ecology and Evolution</i> , 2017, 8, 232-240.	5.2	38
32	Tracking, feather moult and stable isotopes reveal foraging behaviour of a critically endangered seabird during the non-breeding season. <i>Diversity and Distributions</i> , 2017, 23, 130-145.	4.1	33
33	DNA barcoding identifies a cosmopolitan diet in the ocean sunfish. <i>Scientific Reports</i> , 2016, 6, 28762.	3.3	53
34	Ecogeochemistry potential in deep time biodiversity illustrated using a modern deep-water case study. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150223.	4.0	26
35	Functional, size and taxonomic diversity of fish along a depth gradient in the deep sea. <i>PeerJ</i> , 2016, 4, e2387.	2.0	37
36	Emplacement of the Cabezo Mara lamproite volcano (Miocene, SE Spain). <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	6

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37	Quantifying physiological influences on otolith microchemistry. <i>Methods in Ecology and Evolution</i> , 2015, 6, 806-816.	5.2	172
38	Longitudinal and contemporaneous manganese exposure in apartheid-era South Africa: Implications for the past and future. <i>International Journal of Paleopathology</i> , 2015, 8, 1-9.	1.4	4
39	Ocean-scale connectivity and life cycle reconstruction in a deep-sea fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1312-1323.	1.4	24
40	Prey preferences of sympatric fin ( <i>Balaenoptera physalus</i> ) and humpback ( <i>Megaptera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 242-258.	1.8	44
41	Listening In on the Past: What Can Otolith $\delta^{18}O$ Values Really Tell Us about the Environmental History of Fishes?. <i>PLoS ONE</i> , 2014, 9, e108539.	2.5	64
42	An alternative suggestion for the Pliocene onset of major northern hemisphere glaciation based on the geochemical provenance of North Atlantic Ocean ice-rafted debris. <i>Quaternary Science Reviews</i> , 2013, 75, 181-194.	3.0	119
43	Looking for the archaeological signature in Australian Megafaunal extinctions. <i>Quaternary International</i> , 2013, 285, 76-88.	1.5	28
44	Trophic ecology of black scabbardfish, <i>Aphanopus carbo</i> in the NE Atlantic – Assessment through stomach content and stable isotope analyses. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 77, 1-10.	1.4	15
45	Analysis methods and reference concentrations of 12 minor and trace elements in fish blood plasma. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 273-285.	3.0	18
46	Chemical taphonomy of biomineralized tissues. <i>Palaeontology</i> , 2013, 56, 475-486.	2.2	61
47	Lead Exposure in Adult Males in Urban Transvaal Province, South Africa during the Apartheid Era. <i>PLoS ONE</i> , 2013, 8, e58146.	2.5	5
48	Stable isotopes reveal age-dependent trophic level and spatial segregation during adult marine feeding in populations of salmon. <i>ICES Journal of Marine Science</i> , 2012, 69, 1637-1645.	2.5	39
49	Stable isotopes reveal linkages between ocean climate, plankton community dynamics, and survival of two populations of Atlantic salmon ( <i>Salmo salar</i> ). <i>ICES Journal of Marine Science</i> , 2012, 69, 784-794.	2.5	27
50	Accounting for the effects of lipids in stable isotope ( $\delta^{13}C$ and $\delta^{15}N$ ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td ( $\delta^{13}C$ ) Communications in Mass Spectrometry, 2012, 26, 2745-2754.	1.5	78
51	Fine-scale population structure in a deep-sea teleost (orange roughy, <i>Hoplostethus atlanticus</i> ). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 627-636.	1.4	12
52	The 9th century BCE destruction layer at Tell es-Safi/Gath, Israel: integrating macro- and microarchaeology. <i>Journal of Archaeological Science</i> , 2011, 38, 3471-3482.	2.4	53
53	Fractionation of rare earth elements within bone mineral: A natural cation exchange system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 310, 124-132.	2.3	61
54	A comparison of otolith microchemistry and otolith shape analysis for the study of spatial variation in a deep-sea teleost, <i>Coryphaenoides rupestris</i> . <i>Environmental Biology of Fishes</i> , 2010, 89, 591-605.	1.0	64

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55	Palaeoenvironmental implications of the ichnology and geochemistry of the Westbury Formation (Rhaetian), Westbury-on-Severn, south-west England. <i>Palaeontology</i> , 2010, 53, 491-506.	2.2	19
56	Protracted diagenetic alteration of REE contents in fossil bioapatites: Direct evidence from Lu-Hf isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6077-6092.	3.9	95
57	Visualizing fossilization using laser ablation-inductively coupled plasma-mass spectrometry maps of trace elements in Late Cretaceous bones. <i>Geology</i> , 2009, 37, 511-514.	4.4	95
58	Geochemical study of vertebrate fossils from the Upper Cretaceous (Santonian) Csehbánya Formation (Hungary): Evidence for a freshwater habitat of mosasaurs and pycnodont fish. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 532-542.	2.3	54
59	Why do crystallinity values fail to predict the extent of diagenetic alteration of bone mineral?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 160-167.	2.3	168
60	Comparing rates of recrystallisation and the potential for preservation of biomolecules from the distribution of trace elements in fossil bones. <i>Comptes Rendus - Palevol</i> , 2008, 7, 145-158.	0.2	65
61	Palaeoenvironments of vertebrates on the southern shore of Tethys: The nonmarine Early Cretaceous of Tunisia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 243, 118-131.	2.3	49
62	Juvenile life history of NE Atlantic orange roughy from otolith stable isotopes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1221-1230.	1.4	44
63	Forensic geology of bone mineral: geochemical tracers for post-mortem movement of bone remains. <i>Geological Society Special Publication</i> , 2004, 232, 249-256.	1.3	3
64	Rare earth elements in Solnhofen biogenic apatite: geochemical clues to the palaeoenvironment. <i>Sedimentary Geology</i> , 2003, 155, 109-127.	2.1	71
65	Diagenetic effects on the oxygen isotope composition of bones of dinosaurs and other vertebrates recovered from terrestrial and marine sediments. <i>Journal of the Geological Society</i> , 2003, 160, 895-901.	2.1	47
66	Dinosaurs and other fossil vertebrates from fluvial deposits in the Lower Cretaceous of southern Tunisia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 157, 227-246.	2.3	107
67	A nesting trace with eggs for the Cretaceous theropod dinosaur <i>Troodon formosus</i> . <i>Journal of Vertebrate Paleontology</i> , 1999, 19, 91-100.	1.0	91
68	Rare Earth Element Geochemistry and Taphonomy of Terrestrial Vertebrate Assemblages. <i>Palaios</i> , 1999, 14, 555.	1.3	118
69	Diagenetic Origin of REE in Vertebrate Apatite: A Reconsideration of Samoilov and Benjamini, 1996. <i>Palaios</i> , 1997, 12, 495.	1.3	4