

Heidi Pethybridge

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,819
citations

257450

24
h-index

276875

41
g-index

56
all docs

56
docs citations

56
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of support tools to assess multi-sector interactions in the emerging offshore Blue Economy. <i>Environmental Science and Policy</i> , 2022, 133, 203-214.	4.9	4
2	Effect of body size, feeding ecology and maternal transfer on mercury accumulation of vulnerable silky shark <i>Carcharhinus falciformis</i> in the eastern tropical pacific. <i>Environmental Pollution</i> , 2022, 309, 119751.	7.5	3
3	The role of tropical small-scale fisheries in trace element delivery for a Small Island Developing State community, the Seychelles. <i>Marine Pollution Bulletin</i> , 2022, 181, 113870.	5.0	8
4	Trophic niche partitioning of five sympatric shark species in the tropical eastern Pacific Ocean revealed by multi-tissue fatty acid analysis. <i>Environmental Research</i> , 2022, 214, 113828.	7.5	1
5	Global data set for nitrogen and carbon stable isotopes of tunas. <i>Ecology</i> , 2021, 102, e03265.	3.2	2
6	The use of muscle lipids and fatty acids to assess shark diet and condition. <i>Journal of Fish Biology</i> , 2021, 98, 566-571.	1.6	7
7	Stable mercury concentrations of tropical tuna in the south western Pacific ocean: An 18-year monitoring study. <i>Chemosphere</i> , 2021, 263, 128024.	8.2	19
8	Habitat degradation increases interspecific trophic competition between three spiny lobster species in Seychelles. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 256, 107368.	2.1	3
9	Trends in tuna carbon isotopes suggest global changes in pelagic phytoplankton communities. <i>Global Change Biology</i> , 2020, 26, 458-470.	9.5	47
10	Quantitative Foresighting as a Means of Improving Anticipatory Scientific Capacity and Strategic Planning. <i>One Earth</i> , 2020, 3, 631-644.	6.8	8
11	Contrasting Futures for Australia's Fisheries Stocks Under IPCC RCP8.5 Emissions – A Multi-Ecosystem Model Approach. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	15
12	Diet of albacore <i>Thunnus alalunga</i> from the waters of Mauritius (western Indian Ocean) inferred from stomach contents and fatty acid analysis. <i>African Journal of Marine Science</i> , 2020, 42, 131-140.	1.1	3
13	Global patterns and inferences of tuna movements and trophodynamics from stable isotope analysis. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 175, 104775.	1.4	19
14	Spatial variation in stable isotopes and fatty acid trophic markers in albacore tuna (<i>Thunnus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T</i> 2020, 161, 103286.	1.4	4
15	<scp>Atlantis</scp>: A spatially explicit end-to-end marine ecosystem model with dynamically integrated physics, ecology and socio-economic modules. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1814-1819.	5.2	54
16	Calibrating process-based marine ecosystem models: An example case using Atlantis. <i>Ecological Modelling</i> , 2019, 412, 108822.	2.5	22
17	Stable Isotope Analysis of Dermis and the Foraging Behavior of Whale Sharks at Ningaloo Reef, Western Australia. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	12
18	A Model of Mercury Distribution in Tuna from the Western and Central Pacific Ocean: Influence of Physiology, Ecology and Environmental Factors. <i>Environmental Science & Technology</i> , 2019, 53, 1422-1431.	10.0	37

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19	The impact of wildlife tourism on the foraging ecology and nutritional condition of an apex predator. <i>Tourism Management</i> , 2019, 75, 206-215.	9.8	20
20	Abiotic and biotic drivers of fatty acid tracers in ecology: A global analysis of chondrichthyan profiles. <i>Functional Ecology</i> , 2019, 33, 1243-1255.	3.6	35
21	A Seasonally Dynamic Estuarine Ecosystem Provides a Diverse Prey Base for Elasmobranchs. <i>Estuaries and Coasts</i> , 2019, 42, 580-595.	2.2	10
22	Proactive, Reactive, and Inactive Pathways for Scientists in a Changing World. <i>Earth's Future</i> , 2019, 7, 60-73.	6.3	21
23	Effects of short-term capture on the physiology of white sharks <i>Carcharodon carcharias</i> : amino acids and fatty acids. <i>Endangered Species Research</i> , 2019, 40, 297-308.	2.4	15
24	Trophic niches determined from fatty acid profiles of sympatric coral reef mesopredators. <i>Marine Ecology - Progress Series</i> , 2019, 632, 159-174.	1.9	8
25	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018, 2, 299-305.	7.8	95
26	Improving Marine Ecosystem Models with Biochemical Tracers. <i>Annual Review of Marine Science</i> , 2018, 10, 199-228.	11.6	69
27	A global meta-analysis of marine predator nitrogen stable isotopes: Relationships between trophic structure and environmental conditions. <i>Global Ecology and Biogeography</i> , 2018, 27, 1043-1055.	5.8	50
28	Lipid and fatty acid dynamics in mature female albacore tuna (<i>Thunnus alalunga</i>) in the western Indian Ocean. <i>PLoS ONE</i> , 2018, 13, e0194558.	2.5	23
29	Ecological energetics of forage fish from the Mediterranean Sea: Seasonal dynamics and interspecific differences. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 140, 74-82.	1.4	40
30	Effects of sample treatment on the analysis of stable isotopes of carbon and nitrogen in zooplankton, micronekton and a filter-feeding shark. <i>Marine Biology</i> , 2017, 164, 1.	1.5	15
31	Trophic position increases with thermocline depth in yellowfin and bigeye tuna across the Western and Central Pacific Ocean. <i>Progress in Oceanography</i> , 2017, 154, 49-63.	3.2	43
32	Global trophic ecology of yellowfin, bigeye, and albacore tunas: Understanding predation on micronekton communities at ocean-basin scales. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 140, 55-73.	1.4	53
33	Energy metabolism in mobile, wild-sampled sharks inferred by plasma lipids. , 2017, 5, cox002.		18
34	Assessing the Functional Limitations of Lipids and Fatty Acids for Diet Determination: The Importance of Tissue Type, Quantity, and Quality. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	19
35	Niche metrics suggest euryhaline and coastal elasmobranchs provide trophic connections among marine and freshwater biomes in northern Australia. <i>Marine Ecology - Progress Series</i> , 2017, 565, 181-196.	1.9	13
36	Comparison of fin and muscle tissues for analysis of signature fatty acids in tropical euryhaline sharks. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 479, 46-53.	1.5	15

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37	Trophic niches of sympatric tropical tuna in the Western Indian Ocean inferred by stable isotopes and neutral fatty acids. <i>Progress in Oceanography</i> , 2016, 146, 75-88.	3.2	44
38	Intraspecific variability in diet and implied foraging ranges of whale sharks at Ningaloo Reef, Western Australia, from signature fatty acid analysis. <i>Marine Ecology - Progress Series</i> , 2016, 554, 115-128.	1.9	20
39	Direct determination of fatty acids in fish tissues: quantifying top predator trophic connections. <i>Oecologia</i> , 2015, 177, 85-95.	2.0	57
40	Using stable isotopes of albacore tuna and predictive models to characterize bioregions and examine ecological change in the SW Pacific Ocean. <i>Progress in Oceanography</i> , 2015, 134, 293-303.	3.2	23
41	Setting the stage for a global-scale trophic analysis of marine top predators: a multi-workshop review. <i>Reviews in Fish Biology and Fisheries</i> , 2015, 25, 261-272.	4.9	25
42	Spatial variation in fatty acid trophic markers in albacore tuna from the southwestern Pacific Ocean—A potential “tropicalization” signal. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 113, 199-207.	1.4	33
43	The trophodynamics of marine top predators: Current knowledge, recent advances and challenges. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 113, 170-187.	1.4	132
44	Spatial Patterns and Temperature Predictions of Tuna Fatty Acids: Tracing Essential Nutrients and Changes in Primary Producers. <i>PLoS ONE</i> , 2015, 10, e0131598.	2.5	52
45	Lipid, Fatty Acid and Energy Density Profiles of White Sharks: Insights into the Feeding Ecology and Ecophysiology of a Complex Top Predator. <i>PLoS ONE</i> , 2014, 9, e97877.	2.5	55
46	Temporal and inter-specific variations in forage fish feeding conditions in the NW Mediterranean: lipid content and fatty acid compositional changes. <i>Marine Ecology - Progress Series</i> , 2014, 512, 39-54.	1.9	45
47	The foraging ecology of an oceanic squid, <i>Todarodes filippovae</i> : The use of signature lipid profiling to monitor ecosystem change. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 95, 119-128.	1.4	27
48	Responses of European anchovy vital rates and population growth to environmental fluctuations: An individual-based modeling approach. <i>Ecological Modelling</i> , 2013, 250, 370-383.	2.5	47
49	Seasonal variations in diet of arrow squid (<i>Nototodaros gouldi</i>): stomach content and signature fatty acid analysis. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 187-196.	0.8	18
50	Trophic structure and biomagnification of mercury in an assemblage of deepwater chondrichthyans from southeastern Australia. <i>Marine Ecology - Progress Series</i> , 2012, 451, 163-174.	1.9	36
51	Diet of demersal sharks and chimaeras inferred by fatty acid profiles and stomach content analysis. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 409, 290-299.	1.5	79
52	Lipid (energy) reserves, utilisation and provisioning during oocyte maturation and early embryonic development of deepwater chondrichthyans. <i>Marine Biology</i> , 2011, 158, 2741-2754.	1.5	26
53	Lipid composition and partitioning of deepwater chondrichthyans: inferences of feeding ecology and distribution. <i>Marine Biology</i> , 2010, 157, 1367-1384.	1.5	58
54	Lipid and mercury profiles of 61 mid-trophic species collected off south-eastern Australia. <i>Marine and Freshwater Research</i> , 2010, 61, 1092.	1.3	25

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55	Mercury in 16 demersal sharks from southeast Australia: Biotic and abiotic sources of variation and consumer health implications. <i>Marine Environmental Research</i> , 2010, 69, 18-26.	2.5	133
56	Applying new tools to cephalopod trophic dynamics and ecology: perspectives from the Southern Ocean Cephalopod Workshop, February 2â€“3, 2006. <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 79-99.	4.9	54