

Daniel J Madigan

List of Publications by Year in descending order

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36
papers

1,571
citations

394421

19
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345221

36
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36
all docs

36
docs citations

36
times ranked

1702
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the application of amino acid nitrogen isotopic analysis in ecological and biogeochemical studies. <i>Organic Geochemistry</i> , 2017, 113, 150-174.	1.8	213
2	Pacific bluefin tuna transport Fukushima-derived radionuclides from Japan to California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9483-9486.	7.1	134
3	Using Stable Isotope Analysis to Understand the Migration and Trophic Ecology of Northeastern Pacific White Sharks (<i>Carcharodon carcharias</i>). <i>PLoS ONE</i> , 2012, 7, e30492.	2.5	128
4	Tissue Turnover Rates and Isotopic Trophic Discrimination Factors in the Endothermic Teleost, Pacific Bluefin Tuna (<i>Thunnus orientalis</i>). <i>PLoS ONE</i> , 2012, 7, e49220.	2.5	122
5	Evaluation of radiation doses and associated risk from the Fukushima nuclear accident to marine biota and human consumers of seafood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10670-10675.	7.1	115
6	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018, 2, 299-305.	7.8	95
7	Stable Isotope Analysis Challenges Wasp-Waist Food Web Assumptions in an Upwelling Pelagic Ecosystem. <i>Scientific Reports</i> , 2012, 2, 654.	3.3	80
8	Stable isotope analysis of vertebrae reveals ontogenetic changes in habitat in an endothermic pelagic shark. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141446.	2.6	64
9	Interactive effects of urea and lipid content confound stable isotope analysis in elasmobranch fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 419-428.	1.4	60
10	Reconstructing transoceanic migration patterns of Pacific bluefin tuna using a chemical tracer toolbox. <i>Ecology</i> , 2014, 95, 1674-1683.	3.2	59
11	Mercury Stable Isotopes Reveal Influence of Foraging Depth on Mercury Concentrations and Growth in Pacific Bluefin Tuna. <i>Environmental Science & Technology</i> , 2018, 52, 6256-6264.	10.0	52
12	Declining Mercury Concentrations in Bluefin Tuna Reflect Reduced Emissions to the North Atlantic Ocean. <i>Environmental Science & Technology</i> , 2016, 50, 12825-12830.	10.0	45
13	Contaminated Marine Sediments As a Source of Cesium Radioisotopes for Benthic Fauna near Fukushima. <i>Environmental Science & Technology</i> , 2016, 50, 10448-10455.	10.0	34
14	Isoscapes reveal patterns of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of pelagic forage fish and squid in the Northwest Pacific Ocean. <i>Progress in Oceanography</i> , 2019, 175, 124-138.	3.2	32
15	Radiocesium in Pacific Bluefin Tuna (<i>Thunnus orientalis</i>) in 2012 Validates New Tracer Technique. <i>Environmental Science & Technology</i> , 2013, 47, 2287-2294.	10.0	31
16	Assessing niche width of endothermic fish from genes to ecosystem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8350-8355.	7.1	31
17	Stable isotope analysis in deep-sea chondrichthyans: recent challenges, ecological insights, and future directions. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 481-497.	4.9	29
18	Quantifying mercury isotope dynamics in captive Pacific bluefin tuna (<i>Thunnus orientalis</i>). <i>Elementa</i> , 2016, 4, .	3.2	26

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19	Evidence that Pacific tuna mercury levels are driven by marine methylmercury production and anthropogenic inputs. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	25
20	Water column structure defines vertical habitat of twelve pelagic predators in the South Atlantic. ICES Journal of Marine Science, 2021, 78, 867-883.	2.5	24
21	Isotopic insights into migration patterns of Pacific bluefin tuna in the eastern Pacific Ocean. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 260-270.	1.4	21
22	Combining otolith microstructure and trace elemental analyses to infer the arrival of juvenile Pacific bluefin tuna in the California current ecosystem. ICES Journal of Marine Science, 2015, 72, 2128-2138.	2.5	20
23	Isotopic Tracers Suggest Limited Trans-Oceanic Movements and Regional Residency in North Pacific Blue Sharks (<i>Prionace glauca</i>). Frontiers in Marine Science, 2021, 8, .	2.5	16
24	Stable isotope turnover rates and fractionation in captive California yellowtail (<i>Seriola dorsalis</i>): insights for application to field studies. Scientific Reports, 2021, 11, 4466.	3.3	13
25	East not least for Pacific bluefin tuna. Science, 2017, 357, 356-357.	12.6	12
26	Stable isotope analysis reveals feeding ecology and trophic position of black marlin off eastern Taiwan. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 175, 104821.	1.4	10
27	New insights into the trophic ecology of young white sharks (<i>Carcharodon carcharias</i>) in waters off the Baja California Peninsula, Mexico. Marine Biology, 2020, 167, 1.	1.5	10
28	Fidelity of yellowfin tuna to seamount and island foraging grounds in the central South Atlantic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 172, 103513.	1.4	10
29	Trophodynamics and mercury bioaccumulation in reef and open-ocean fishes from The Bahamas with a focus on two teleost predators. Marine Ecology - Progress Series, 2019, 608, 221-232.	1.9	10
30	Stable isotope analysis reveals ontogenetic feeding shifts in Pacific blue marlin (<i>Makaira</i>). Environmental Science & Technology, 2019, 10, 3021-3028.	1.6	9
31	Perspectives and reflections on the public reaction to recent Fukushima-related radionuclide studies and a call for enhanced training in environmental radioactivity. Environmental Toxicology and Chemistry, 2015, 34, 707-709.	4.3	8
32	Assessing Fukushima-Derived Radiocesium in Migratory Pacific Predators. Environmental Science & Technology, 2017, 51, 8962-8971.	10.0	8
33	Yellowfin Tuna Behavioural Ecology and Catchability in the South Atlantic: The Right Place at the Right Time (and Depth). Frontiers in Marine Science, 2021, 8, .	2.5	7
34	The worth of giants: The consumptive and non-consumptive use value of the giant sea bass (<i>Stereolepis gigas</i>). Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 296-304.	2.0	6
35	An illicit artisanal fishery for North Pacific white sharks indicates frequent occurrence and high mortality in the Gulf of California. Conservation Letters, 2021, 14, e12796.	5.7	6
36	Trophic Dynamics and Feeding Ecology of Skipjack Tuna (<i>Katsuwonus pelamis</i>) off Eastern and Western Taiwan. Molecules, 2022, 27, 1073.	3.8	6