

Sharon Z Herzka

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,158
citations

516215

16
h-index

414034

32
g-index

50
all docs

50
docs citations

50
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing connectivity of estuarine fishes based on stable isotope ratio analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 64, 58-69.	0.9	166
2	Changes in isotopic composition of red drum (<i>Sciaenops ocellatus</i>) larvae in response to dietary shifts: potential applications to settlement studies. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 137-147.	0.7	156
3	Tissue-specific isotope trophic discrimination factors and turnover rates in a marine elasmobranch: empirical and modeling results. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 551-564.	0.7	89
4	Seasonal photosynthetic patterns of the seagrass <i>Thalassia testudinum</i> in the western Gulf of Mexico. <i>Marine Ecology - Progress Series</i> , 1997, 152, 103-117.	0.9	75
5	Documenting the settlement history of individual fish larvae using stable isotope ratios: model development and validation. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 265, 49-74.	0.7	54
6	The effect of substituting fishmeal with poultry by-product meal in diets for <i>Totoaba macdonaldi</i> juveniles. <i>Aquaculture Research</i> , 2016, 47, 1778-1789.	0.9	46
7	Tissue-specific isotope turnover and discrimination factors are affected by diet quality and lipid content in an omnivorous consumer. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 479, 35-45.	0.7	44
8	Importance of Bahia Sebastian Vizcaino as a nursery area for white sharks (<i>Carcharodon carcharias</i>) in the Northeastern Pacific: A fishery dependent analysis. <i>Fisheries Research</i> , 2017, 188, 125-137.	0.9	39
9	Characterization of settlement patterns of red drum <i>Sciaenops ocellatus</i> larvae to estuarine nursery habitat: a stable isotope approach. <i>Marine Ecology - Progress Series</i> , 2002, 226, 143-156.	0.9	37
10	Tissue-specific stable isotope ratios of shortfin mako (<i>Isurus oxyrinchus</i>) and white (<i>Carcharodon carcharias</i>) sharks as indicators of size-based differences in foraging habitat and trophic level. <i>Fisheries Oceanography</i> , 2013, 22, 429-445.	0.9	36
11	Metazoan parasite infracommunities of the dusky flounder (<i>Sycium papillosum</i>) as bioindicators of environmental conditions in the continental shelf of the Yucatan Peninsula, Mexico. <i>Parasites and Vectors</i> , 2019, 12, 277.	1.0	35
12	Amino acid-specific $\delta^{15}\text{N}$ trophic enrichment factors in fish fed with formulated diets varying in protein quantity and quality. <i>Ecology and Evolution</i> , 2018, 8, 9192-9217.	0.8	31
13	Light and carbon balance in the seagrass <i>Thalassia testudinum</i> : evaluation of current production models. <i>Marine Biology</i> , 1998, 132, 711-721.	0.7	29
14	Protein Retention Assessment of Four Levels of Poultry By-Product Substitution of Fishmeal in Rainbow Trout (<i>Oncorhynchus mykiss</i>) Diets Using Stable Isotopes of Nitrogen ($\delta^{15}\text{N}$) as Natural Tracers. <i>PLoS ONE</i> , 2014, 9, e107523.	1.1	25
15	Tracking juvenile fish movement and nursery contribution within arid coastal embayments via otolith microchemistry. <i>Marine Ecology - Progress Series</i> , 2008, 361, 253-265.	0.9	25
16	Elements of time and place: manganese and barium in shark vertebrae reflect age and upwelling histories. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181760.	1.2	22
17	Otolith-based growth estimates and insights into population structure of White Seabass, <i>Atractoscion nobilis</i> , off the Pacific coast of North America. <i>Fisheries Research</i> , 2015, 161, 374-383.	0.9	15
18	Yellowfin tuna (<i>Thunnus albacares</i>) foraging habitat and trophic position in the Gulf of Mexico based on intrinsic isotope tracers. <i>PLoS ONE</i> , 2021, 16, e0246082.	1.1	13

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19	A Comparison of Otolith Geochemistry and Stable Isotope Markers to Track Fish Movement: Describing Estuarine Ingress by Larval and Post-larval Halibut. <i>Estuaries and Coasts</i> , 2013, 36, 906-917.	1.0	12
20	Assessing the exposure risk of large pelagic fish to oil spills scenarios in the deep waters of the Gulf of Mexico. <i>Marine Pollution Bulletin</i> , 2022, 176, 113434.	2.3	12
21	Variation in isotopic trophic structure and fish diversity in mangrove systems subject to different levels of habitat modification in the Gulf of California, Mexico. <i>Bulletin of Marine Science</i> , 2016, 92, 399-422.	0.4	11
22	Larval fish assemblages of myctophids in the deep water region of the southern Gulf of Mexico linked to oceanographic conditions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 155, 103181.	0.6	10
23	High quality diet improves lipid metabolic profile and breeding performance in the blue-footed booby, a long-lived seabird. <i>PLoS ONE</i> , 2018, 13, e0193136.	1.1	10
24	Natural variability in $\delta^{18}O$ values of otoliths of young Pacific sardine captured in Mexican waters indicates subpopulation mixing within the first year of life. <i>ICES Journal of Marine Science</i> , 2008, 65, 174-190.	1.2	9
25	An interdisciplinary approach to evaluate the status of large-bodied Serranid fisheries: The case of Magdalena-Almejas Bay lagoon complex, Baja California Sur, Mexico. <i>Ocean and Coastal Management</i> , 2017, 145, 21-34.	2.0	9
26	A meta-analysis of amino acid $\delta^{15}N$ trophic enrichment factors in fishes relative to nutritional and ecological drivers. <i>Ecosphere</i> , 2021, 12, e03570.	1.0	9
27	Environmental conditions drive zooplankton community structure in the epipelagic oceanic water of the southern Gulf of Mexico: A molecular approach. <i>Molecular Ecology</i> , 2022, 31, 546-561.	2.0	9
28	Flexibility in food resource allocation in parents and selectivity for offspring: variations in $\delta^{15}N$ and $\delta^{13}C$ values during breeding of the blue-footed booby. <i>Marine Biology</i> , 2017, 164, 1.	0.7	8
29	Connectivity of coastal and neritic fish larvae to the deep waters. <i>Limnology and Oceanography</i> , 2021, 66, 2423-2441.	1.6	8
30	Intraspecific density regulates positioning and feeding mode selection of the sand dollar <i>Dendraster excentricus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 340, 169-183.	0.7	7
31	Fish Assemblages in Three Arid Mangrove Systems of the Gulf of California: Comparing Observations from 1980 and 2010. <i>Bulletin of Marine Science</i> , 2012, 88, 919-945.	0.4	7
32	Epipelagic zooplankton diversity in the deep water region of the Gulf of Mexico: a metabarcoding survey. <i>ICES Journal of Marine Science</i> , 2021, 78, 3317-3332.	1.2	7
33	Zooplankton summer composition in the southern Gulf of Mexico with emphasis on salp and hyperiid amphipod assemblages. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 665-680.	0.4	6
34	Deep-Water Warming in the Gulf of Mexico from 2003 to 2019. <i>Journal of Physical Oceanography</i> , 2021, 51, 1021-1035.	0.7	6
35	Stable isotope ratios as tracers of migration during the early life stages of marine fishes. <i>Fisheries Science</i> , 2002, 68, 182-185.	0.7	5
36	Evaluation of the physiological status of the Pacific sardine, <i>Sardinops sagax caeruleus</i> , acclimated to different thermal regimes based on selected blood parameters. <i>Environmental Biology of Fishes</i> , 2011, 91, 39-49.	0.4	5

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37	Diel, lunar and seasonal vertical migration in the deep western Gulf of Mexico evidenced from a long-term data series of acoustic backscatter. <i>Progress in Oceanography</i> , 2021, 195, 102562.	1.5	5
38	Nitrogen sources (NO ₃ ⁻ vs N ₂ fixation) inferred from bulk δ ¹⁵ N values of zooplankton from the deep water region of the Gulf of Mexico. <i>Journal of Plankton Research</i> , 2022, 44, 48-67.	0.8	5
39	Regulation of feeding mode by the sand dollar <i>Dendraster excentricus</i> in a shallow estuarine habitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 383, 146-155.	0.7	4
40	Rearing conditions and habitat use of white seabass (<i>Atractoscion nobilis</i>) in the northeastern Pacific based on otolith isotopic composition. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 170, 134-144.	0.9	4
41	Trophic ecology of Mexican Pacific harbor seal colonies using carbon and nitrogen stable isotopes. <i>PLoS ONE</i> , 2020, 15, e0225889.	1.1	3
42	Empowering fishers for Great White Shark stewardship: Reply to Madigan et al. 2021. <i>Conservation Letters</i> , 2021, 14, e12828.	2.8	3
43	Stable Isotope Analysis of Juvenile White Sharks Inside a Nursery Area Reveals Foraging in Demersal-Inshore Habitats and Trophic Overlap With Sympatric Sharks. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
44	Short-term size-specific distribution and movement patterns of juvenile flatfish in a Pacific estuary derived through length-frequency and mark-recapture data. <i>Ciencias Marinas</i> , 2009, 35, 41-57.	0.4	3
45	Stable isotope ratios of egg albumen of three waterbird species nesting in the Colorado River Delta indicate differences in foraging ground and isotopic niche breadth. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 546-563.	0.9	2
46	Variability of fish larvae assemblages relative to mesoscale features in the deep water region of the southern Gulf of Mexico. <i>Hydrobiologia</i> , 2022, 849, 1471-1493.	1.0	2