

# Matthew S Savoca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5897982/publications.pdf>

Version: 2024-02-01

25  
papers

1,481  
citations

567144

15  
h-index

580701

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine top predators as climate and ecosystem sentinels. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 565-574.	1.9	221
2	Marine plastic debris emits a keystone infochemical for olfactory foraging seabirds. <i>Science Advances</i> , 2016, 2, e1600395.	4.7	204
3	Memory and resource tracking drive blue whale migrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5582-5587.	3.3	163
4	Plastic ingestion by marine fish is widespread and increasing. <i>Global Change Biology</i> , 2021, 27, 2188-2199.	4.2	135
5	Odours from marine plastic debris induce food search behaviours in a forage fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171000.	1.2	118
6	Why whales are big but not bigger: Physiological drivers and ecological limits in the age of ocean giants. <i>Science</i> , 2019, 366, 1367-1372.	6.0	109
7	Evidence that dimethyl sulfide facilitates a tritrophic mutualism between marine primary producers and top predators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4157-4161.	3.3	89
8	Baleen whale prey consumption based on high-resolution foraging measurements. <i>Nature</i> , 2021, 599, 85-90.	13.7	82
9	Fear of failure in conservation: The problem and potential solutions to aid conservation of extremely small populations. <i>Biological Conservation</i> , 2015, 184, 209-217.	1.9	60
10	Extreme bradycardia and tachycardia in the world's largest animal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25329-25332.	3.3	52
11	Odors from marine plastic debris elicit foraging behavior in sea turtles. <i>Current Biology</i> , 2020, 30, R213-R214.	1.8	51
12	Scaling of swimming performance in baleen whales. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	45
13	Nesting Density is an Important Factor Affecting Chick Growth and Survival in the Herring Gull. <i>Condor</i> , 2011, 113, 565-571.	0.7	21
14	Lunge filter feeding biomechanics constrain rorqual foraging ecology across scale. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	20
15	Comprehensive bycatch assessment in US fisheries for prioritizing management. <i>Nature Sustainability</i> , 2020, 3, 472-480.	11.5	17
16	Microplastics and microfibers in surface waters of Monterey Bay National Marine Sanctuary, California. <i>Marine Pollution Bulletin</i> , 2021, 165, 112148.	2.3	16
17	Chemoattraction to dimethyl sulfide links the sulfur, iron, and carbon cycles in high-latitude oceans. <i>Biogeochemistry</i> , 2018, 138, 1-21.	1.7	15
18	Scaling of oscillatory kinematics and Froude efficiency in baleen whales. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	12

#	ARTICLE	IF	CITATIONS
19	Natural History Traits Associated with Detecting Mortality Within Residential Bird Communities: Can Citizen Science Provide Insights?. <i>Environmental Management</i> , 2012, 50, 11-20.	1.2	11
20	The ecology of an olfactory trap. <i>Science</i> , 2018, 362, 904-904.	6.0	10
21	Modelling short-term energetic costs of sonar disturbance to cetaceans using high-resolution foraging data. <i>Journal of Applied Ecology</i> , 2021, 58, 1643-1657.	1.9	10
22	Enhancing the ecological realism of evolutionary mismatch theory. <i>Trends in Ecology and Evolution</i> , 2021, , .	4.2	10
23	Quantifying marine debris associated with coastal golf courses. <i>Marine Pollution Bulletin</i> , 2019, 140, 1-8.	2.3	7
24	Editorial: Plastic Ingestion: Understanding Causes and Impacts. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	2
25	We should not be afraid to talk about fear of failure in conservation. <i>Biological Conservation</i> , 2016, 194, 218-219.	1.9	1