

Suzanne C Mills

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

3,405
citations

186265

28
h-index

155660

55
g-index

70
all docs

70
docs citations

70
times ranked

4692
citing authors

#	ARTICLE	IF	CITATIONS
1	A new versatile primer set targeting a short fragment of the mitochondrial COI region for metabarcoding metazoan diversity: application for characterizing coral reef fish gut contents. <i>Frontiers in Zoology</i> , 2013, 10, 34.	2.0	955
2	Life history correlates of responses to fisheries exploitation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 333-339.	2.6	393
3	Testosterone-Mediated Effects on Fitness-Related Phenotypic Traits and Fitness. <i>American Naturalist</i> , 2009, 173, 475-487.	2.1	100
4	Operational sex ratio and alternative reproductive behaviours in the European bitterling, <i>Rhodeus sericeus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2003, 54, 98-104.	1.4	95
5	Quantitative measure of sexual selection with respect to the operational sex ratio: a comparison of selection indices. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 143-150.	2.6	95
6	Metabarcoding dietary analysis of coral dwelling predatory fish demonstrates the minor contribution of coral mutualists to their highly partitioned, generalist diet. <i>PeerJ</i> , 2015, 3, e1047.	2.0	90
7	Anthropogenic noise playback impairs embryonic development and increases mortality in a marine invertebrate. <i>Scientific Reports</i> , 2014, 4, 5891.	3.3	85
8	Aquatic biodiversity and saline lakes: Lake Bogoria National Reserve, Kenya. <i>Hydrobiologia</i> , 2003, 500, 259-276.	2.0	83
9	Gonadotropin Hormone Modulation of Testosterone, Immune Function, Performance, and Behavioral Trade-Offs among Male Morphs of the Lizard <i>Uta stansburiana</i> . <i>American Naturalist</i> , 2008, 171, 339-357.	2.1	82
10	Repeated exposure to noise increases tolerance in a coral reef fish. <i>Environmental Pollution</i> , 2016, 216, 428-436.	7.5	81
11	Negative Frequency-Dependent Selection of Sexually Antagonistic Alleles in <i>Myodes glareolus</i> . <i>Science</i> , 2011, 334, 972-974.	12.6	77
12	Effectiveness of Annealing Blocking Primers versus Restriction Enzymes for Characterization of Generalist Diets: Unexpected Prey Revealed in the Gut Contents of Two Coral Reef Fish Species. <i>PLoS ONE</i> , 2013, 8, e58076.	2.5	72
13	FITNESS TRADE-OFFS MEDIATED BY IMMUNOSUPPRESSION COSTS IN A SMALL MAMMAL. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 166-179.	2.3	69
14	SIGNAL RELIABILITY COMPROMISED BY GENOTYPE-BY-ENVIRONMENT INTERACTION AND POTENTIAL MECHANISMS FOR ITS PRESERVATION. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1748-1757.	2.3	49
15	Moorea BIOCOTE barcode library as a tool for understanding predator-prey interactions: insights into the diet of common predatory coral reef fishes. <i>Coral Reefs</i> , 2012, 31, 383-388.	2.2	49
16	Intralocus sexual conflict for fitness: sexually antagonistic alleles for testosterone. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1889-1895.	2.6	49
17	Hormonal and behavioural effects of motorboat noise on wild coral reef fish. <i>Environmental Pollution</i> , 2020, 262, 114250.	7.5	49
18	Population structure, spatial distribution and life-history traits of blacktip reef sharks <i>Carcharhinus melanopterus</i> . <i>Journal of Fish Biology</i> , 2013, 82, 979-993.	1.6	48

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19	Host species preferences by bitterling, <i>Rhodeus sericeus</i> , spawning in freshwater mussels and consequences for offspring survival. <i>Animal Behaviour</i> , 2002, 63, 1029-1036.	1.9	46
20	Intra- and Intersexual Trade-offs between Testosterone and Immune System: Implications for Sexual and Sexually Antagonistic Selection. <i>American Naturalist</i> , 2010, 176, E90-E97.	2.1	44
21	Cascading effects of thermally-induced anemone bleaching on associated anemonefish hormonal stress response and reproduction. <i>Nature Communications</i> , 2017, 8, 716.	12.8	41
22	<i>Acanthaster planci</i> Outbreak: Decline in Coral Health, Coral Size Structure Modification and Consequences for Obligate Decapod Assemblages. <i>PLoS ONE</i> , 2012, 7, e35456.	2.5	40
23	Mussel ventilation rates as a proximate cue for host selection by bitterling, <i>Rhodeus sericeus</i> . <i>Oecologia</i> , 2002, 131, 473-478.	2.0	37
24	Ecological determinants and sensory mechanisms in habitat selection of crustacean postlarvae. <i>Behavioral Ecology</i> , 2010, 21, 599-607.	2.2	36
25	INFANTICIDE IN THE EVOLUTION OF REPRODUCTIVE SYNCHRONY: EFFECTS ON REPRODUCTIVE SUCCESS. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 612-621.	2.3	33
26	Housekeeping Mutualisms: Do More Symbionts Facilitate Host Performance?. <i>PLoS ONE</i> , 2012, 7, e32079.	2.5	33
27	The bitterling-mussel interaction as a test case for co-evolution. <i>Journal of Fish Biology</i> , 2003, 63, 84-104.	1.6	32
28	Benefits and costs to mussels from ejecting bitterling embryos: a test of the evolutionary equilibrium hypothesis. <i>Animal Behaviour</i> , 2005, 70, 31-37.	1.9	31
29	Sexual antagonism for testosterone maintains multiple mating behaviour. <i>Journal of Animal Ecology</i> , 2012, 81, 277-283.	2.8	28
30	Ingestion and transformation of algal turf by <i>Echinometra mathaei</i> on Tiahura fringing reef (French) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	27
31	Behavioural acclimation to cameras and observers in coral reef fishes. <i>Ethology</i> , 2017, 123, 705-711.	1.1	27
32	Motorboat noise disrupts co-operative interspecific interactions. <i>Scientific Reports</i> , 2017, 7, 6987.	3.3	26
33	Interactive effects of three pervasive marine stressors in a post-disturbance coral reef. <i>Coral Reefs</i> , 2016, 35, 1281-1293.	2.2	25
34	Plasma cortisol and 11- β -ketotestosterone enzyme immunoassay (EIA) kit validation for three fish species: the orange clownfish <i>Amphiprion percula</i> , the orangefin anemonefish <i>Amphiprion chrysopterus</i> and the blacktip reef shark <i>Carcharhinus melanopterus</i> . <i>Journal of Fish Biology</i> , 2010, 77, 769-777.	1.6	24
35	Juvenile <i>Trapezia</i> spp. crabs can increase juvenile host coral survival by protection from predation. <i>Marine Ecology - Progress Series</i> , 2014, 515, 151-159.	1.9	24
36	Isolation and Synthesis of Laxaphycin B-Type Peptides: A Case Study and Clues to Their Biosynthesis. <i>Marine Drugs</i> , 2015, 13, 7285-7300.	4.6	23

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37	Anemone bleaching increases the metabolic demands of symbiont anemonefish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180282.	2.6	22
38	Near-future ocean warming and acidification alter foraging behaviour, locomotion, and metabolic rate in a keystone marine mollusc. <i>Scientific Reports</i> , 2020, 10, 5461.	3.3	22
39	Crime and punishment in a roaming cleanerfish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3617-3622.	2.6	21
40	Density-dependent prophylaxis in the coral-eating crown-of-thorns sea star, <i>Acanthaster planci</i> . <i>Coral Reefs</i> , 2012, 31, 603-612.	2.2	18
41	Long-term exposure to artificial light at night in the wild decreases survival and growth of a coral reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210454.	2.6	16
42	Sex-related differences in growth and morphology of blue mussels. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 1053-1057.	0.8	14
43	The importance of species interactions in conservation: the endangered European bitterling <i>Rhodeus sericeus</i> and its freshwater mussel hosts. <i>Animal Conservation</i> , 2004, 7, 257-263.	2.9	14
44	Life history, larval dispersal, and connectivity in coral reef fish among the Scattered Islands of the Mozambique Channel. <i>Coral Reefs</i> , 2017, 36, 223-232.	2.2	14
45	Physiological and behavioural effects of anemone bleaching on symbiont anemonefish in the wild. <i>Functional Ecology</i> , 2021, 35, 663-674.	3.6	14
46	Effects of alternate reef states on coral reef fish habitat associations. <i>Environmental Biology of Fishes</i> , 2012, 94, 421-429.	1.0	13
47	Elevated temperature, but not acidification, reduces fertilization success in the small giant clam, <i>Tridacna maxima</i> . <i>Marine Biology</i> , 2020, 167, 1.	1.5	13
48	Lime Juice and Vinegar Injections as a Cheap and Natural Alternative to Control COTS Outbreaks. <i>PLoS ONE</i> , 2015, 10, e0137605.	2.5	12
49	Ghosts of thermal past: reef fish exposed to historic high temperatures have heightened stress response to further stressors. <i>Coral Reefs</i> , 2015, 34, 1255-1260.	2.2	12
50	More coral, more fish? Contrasting snapshots from a remote Pacific atoll. <i>PeerJ</i> , 2015, 3, e745.	2.0	12
51	Maintenance costs of male dominance and sexually antagonistic selection in the wild. <i>Functional Ecology</i> , 2018, 32, 2678-2688.	3.6	11
52	Effects of post-settlement mortality on size and parasite load in juvenile <i>Diplodus vulgaris</i> and <i>D. sargus</i> in the Mediterranean. <i>Aquatic Biology</i> , 2009, 6, 153-158.	1.4	11
53	Natural endocrine profiles of the group-living skunk anemonefish <i>Amphiprion akallopisos</i> in relation to their size-based dominance hierarchy. <i>Journal of Fish Biology</i> , 2018, 92, 773-789.	1.6	9
54	Comparative phylogeography of three host sea anemones in the Indo-Pacific. <i>Journal of Biogeography</i> , 2020, 47, 487-500.	3.0	8

