

# Rana W El-Sabaawi

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,262  
citations

304701

22  
h-index

377849

34  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1739  
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>NEOTROPICAL FRESHWATER FISHES</scp>: A dataset of occurrence and abundance of freshwater fishes in the Neotropics. <i>Ecology</i> , 2023, 104, e3713.	3.2	7
2	Testing the short-term effects of a fish invader on the trophic ecology of a closely related species. <i>Hydrobiologia</i> , 2021, 848, 2305-2318.	2.0	1
3	The experimental range extension of guppies ( <i>Poecilia reticulata</i> ) influences the metabolic activity of tropical streams. <i>Oecologia</i> , 2021, 195, 1053-1069.	2.0	0
4	A Bayesian analysis of the factors determining microplastics ingestion in fishes. <i>Journal of Hazardous Materials</i> , 2021, 413, 125405.	12.4	51
5	Individual variation in feeding morphology, not diet, can facilitate the success of generalist species in urban ecosystems. <i>Ecology and Evolution</i> , 2021, 11, 18342-18356.	1.9	1
6	The EEB POC Project. <i>Limnology and Oceanography Bulletin</i> , 2020, 29, 97-99.	0.4	5
7	Using a space-for-time substitution approach to predict the effects of climate change on nutrient cycling in tropical island stream ecosystems. <i>Limnology and Oceanography</i> , 2020, 65, 3114-3127.	3.1	6
8	Phosphorus limitation does not drive loss of bony lateral plates in freshwater stickleback ( <i>Gasterosteus aculeatus</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2088-2104.	2.3	1
9	Strategies and support for Black, Indigenous, and people of colour in ecology and evolutionary biology. <i>Nature Ecology and Evolution</i> , 2020, 4, 1288-1290.	7.8	35
10	Urbanization can increase the invasive potential of alien species. <i>Journal of Animal Ecology</i> , 2020, 89, 2345-2355.	2.8	40
11	Evaluating ecosystem effects of climate change on tropical island streams using high spatial and temporal resolution sampling regimes. <i>Global Change Biology</i> , 2019, 25, 1344-1357.	9.5	12
12	Intraspecific trait variation in urban stream ecosystems: toward understanding the mechanisms shaping urban stream communities. <i>Freshwater Science</i> , 2019, 38, 1-11.	1.8	10
13	Trophic structure in a rapidly urbanizing planet. <i>Functional Ecology</i> , 2018, 32, 1718-1728.	3.6	47
14	Eelgrass as Valuable Nearshore Foraging Habitat for Juvenile Pacific Salmon in the Early Marine Period. <i>Marine and Coastal Fisheries</i> , 2018, 10, 190-203.	1.4	28
15	Adaptation in temporally variable environments: stickleback armor in periodically breaching bar-built estuaries. <i>Journal of Evolutionary Biology</i> , 2018, 31, 735-752.	1.7	21
16	Bony traits and genetics drive intraspecific variation in vertebrate elemental composition. <i>Functional Ecology</i> , 2017, 31, 2128-2137.	3.6	18
17	Implications of guppy ( <i>Poecilia reticulata</i> ) life-history phenotype for mosquito control. <i>Ecology and Evolution</i> , 2017, 7, 3324-3334.	1.9	12
18	A global meta-analysis of exotic versus native leaf decay in stream ecosystems. <i>Freshwater Biology</i> , 2017, 62, 977-989.	2.4	24

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19	Stoichiometric traits of stickleback: Effects of genetic background, rearing environment, and ontogeny. <i>Ecology and Evolution</i> , 2017, 7, 2617-2625.	1.9	20
20	Drivers of nitrogen transfer in stream food webs across continents. <i>Ecology</i> , 2017, 98, 3044-3055.	3.2	13
21	Population variation in the trophic niche of the Trinidadian guppy from different predation regimes. <i>Scientific Reports</i> , 2017, 7, 5770.	3.3	20
22	From Elements to Function: Toward Unifying Ecological Stoichiometry and Trait-Based Ecology. <i>Frontiers in Environmental Science</i> , 2017, 5, .	3.3	67
23	The influence of dietary and whole-body nutrient content on the excretion of a vertebrate consumer. <i>PLoS ONE</i> , 2017, 12, e0187931.	2.5	15
24	Hitting the moving target: modelling ontogenetic shifts with stable isotopes reveals the importance of isotopic turnover. <i>Journal of Animal Ecology</i> , 2016, 85, 681-691.	2.8	34
25	Biodiversity and ecosystem risks arising from using guppies to control mosquitoes. <i>Biology Letters</i> , 2016, 12, 20160590.	2.3	53
26	Investment in boney defensive traits alters organismal stoichiometry and excretion in fish. <i>Oecologia</i> , 2016, 181, 1209-1220.	2.0	39
27	Fish introductions and light modulate food web fluxes in tropical streams: a wholeâ€ecosystem experimental approach. <i>Ecology</i> , 2016, 97, 3154-3166.	3.2	33
28	A test of the effects of timing of a pulsed resource subsidy on stream ecosystems. <i>Journal of Animal Ecology</i> , 2016, 85, 1136-1146.	2.8	37
29	Assessing the effects of <scp>guppy</scp> life history evolution on nutrient recycling: from experiments to the field. <i>Freshwater Biology</i> , 2015, 60, 590-601.	2.4	34
30	Intraspecific phenotypic differences in fish affect ecosystem processes as much as bottomâ€up factors. <i>Oikos</i> , 2015, 124, 1181-1191.	2.7	38
31	Adaptive genetic variation mediates bottom-up and top-down control in an aquatic ecosystem. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151234.	2.6	37
32	Changes in digestive traits and body nutritional composition accommodate a trophic niche shift in Trinidadian guppies. <i>Oecologia</i> , 2015, 177, 245-257.	2.0	31
33	Intraspecific variability modulates interspecific variability in animal organismal stoichiometry. <i>Ecology and Evolution</i> , 2014, 4, 1505-1515.	1.9	21
34	Zooplankton stable isotopes as integrators of bottom-up variability in coastal margins: A case study from the Strait of Georgia and adjacent coastal regions. <i>Progress in Oceanography</i> , 2013, 115, 76-89.	3.2	20
35	Flow, nutrients, and light availability influence Neotropical epilithon biomass and stoichiometry. <i>Freshwater Science</i> , 2012, 31, 1019-1034.	1.8	55
36	Interannual variability in bottom-up processes in the upstream range of the California Current system: An isotopic approach. <i>Progress in Oceanography</i> , 2012, 106, 16-27.	3.2	23

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37	Widespread intraspecific organismal stoichiometry among populations of the Trinidadian guppy. <i>Functional Ecology</i> , 2012, 26, 666-676.	3.6	83
38	Environmental and Organismal Predictors of Intraspecific Variation in the Stoichiometry of a Neotropical Freshwater Fish. <i>PLoS ONE</i> , 2012, 7, e32713.	2.5	47
39	Nutrient diffusing substrata: a field comparison of commonly used methods to assess nutrient limitation. <i>Journal of the North American Benthological Society</i> , 2011, 30, 522-532.	3.1	43
40	Deciphering the Seasonal Cycle of Copepod Trophic Dynamics in the Strait of Georgia, Canada, Using Stable Isotopes and Fatty Acids. <i>Estuaries and Coasts</i> , 2010, 33, 738-752.	2.2	30
41	Characterizing dietary variability and trophic positions of coastal calanoid copepods: insight from stable isotopes and fatty acids. <i>Marine Biology</i> , 2009, 156, 225-237.	1.5	119
42	INTERACTIVE EFFECTS OF IRRADIANCE AND TEMPERATURE ON THE PHOTOSYNTHETIC PHYSIOLOGY OF THE PENNATE DIATOM PSEUDO-NITZSCHIA GRANII (BACILLARIOPHYCEAE) FROM THE NORTHEAST SUBARCTIC PACIFIC. <i>Journal of Phycology</i> , 2006, 42, 778-785.	2.3	31