

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

304743

22
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377865

34
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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. Ecology, 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. Hydrobiologia, 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. Oecologia, 2021, 195, 1053-1069. | 2.0 | 0 |
| 4 | A Bayesian analysis of the factors determining microplastics ingestion in fishes. Journal of Hazardous Materials, 2021, 413, 125405. | 12.4 | 51 |
| 5 | Individual variation in feeding morphology, not diet, can facilitate the success of generalist species in urban ecosystems. Ecology and Evolution, 2021, 11, 18342-18356. | 1.9 | 1 |
| 6 | The EEB POC Project. Limnology and Oceanography Bulletin, 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. Limnology and Oceanography, 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>). Evolution; International Journal of Organic Evolution, 2020, 74, 2088-2104. | 2.3 | 1 |
| 9 | Strategies and support for Black, Indigenous, and people of colour in ecology and evolutionary biology. Nature Ecology and Evolution, 2020, 4, 1288-1290. | 7.8 | 35 |
| 10 | Urbanization can increase the invasive potential of alien species. Journal of Animal Ecology, 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. Global Change Biology, 2019, 25, 1344-1357. | 9.5 | 12 |
| 12 | Intraspecific trait variation in urban stream ecosystems: toward understanding the mechanisms shaping urban stream communities. Freshwater Science, 2019, 38, 1-11. | 1.8 | 10 |
| 13 | Trophic structure in a rapidly urbanizing planet. Functional Ecology, 2018, 32, 1718-1728. | 3.6 | 47 |
| 14 | Eelgrass as Valuable Nearshore Foraging Habitat for Juvenile Pacific Salmon in the Early Marine Period. Marine and Coastal Fisheries, 2018, 10, 190-203. | 1.4 | 28 |
| 15 | Adaptation in temporally variable environments: stickleback armor in periodically breaching bar-built estuaries. Journal of Evolutionary Biology, 2018, 31, 735-752. | 1.7 | 21 |
| 16 | Bony traits and genetics drive intraspecific variation in vertebrate elemental composition. Functional Ecology, 2017, 31, 2128-2137. | 3.6 | 18 |
| 17 | Implications of guppy (<i>Poecilia reticulata</i>) life-history phenotype for mosquito control. Ecology and Evolution, 2017, 7, 3324-3334. | 1.9 | 12 |
| 18 | A global meta-analysis of exotic versus native leaf decay in stream ecosystems. Freshwater Biology, 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 |