

Timothy P Moulton

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,439
citations

471509

17
h-index

345221

36
g-index

53
all docs

53
docs citations

53
times ranked

1741
citing authors

#	ARTICLE	IF	CITATIONS
1	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. <i>Freshwater Biology</i> , 2017, 62, 833-853.	2.4	257
2	The protozoa of a Western Australian hypersaline lagoon. <i>Hydrobiologia</i> , 1983, 105, 95-113.	2.0	149
3	Stable isotope analysis indicates microalgae as the predominant food source of fauna in a coastal forest stream, south-east Brazil. <i>Austral Ecology</i> , 2006, 31, 623-633.	1.5	118
4	The mass culture of <i>Dunaliella salina</i> for fine chemicals: From laboratory to pilot plant. <i>Hydrobiologia</i> , 1984, 116-117, 115-121.	2.0	95
5	Leaf decomposition and ecosystem metabolism as functional indicators of land use impacts on tropical streams. <i>Ecological Indicators</i> , 2014, 36, 195-204.	6.3	69
6	Effects of ephemeropterans and shrimps on periphyton and sediments in a coastal stream (Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.1	67
7	Allochthonous and autochthonous carbon flows in food webs of tropical forest streams. <i>Freshwater Biology</i> , 2017, 62, 1012-1023.	2.4	60
8	Macroconsumers are more important than specialist macroinvertebrate shredders in leaf processing in urban forest streams of Rio de Janeiro, Brazil. <i>Hydrobiologia</i> , 2010, 638, 55-66.	2.0	54
9	High importance of autochthonous basal food source for the food web of a Brazilian tropical stream regardless of shading. <i>International Review of Hydrobiology</i> , 2016, 101, 132-142.	0.9	50
10	The effects of shrimps on benthic material in a Brazilian island stream. <i>Freshwater Biology</i> , 2005, 50, 592-602.	2.4	45
11	Ecological Niche Model used to examine the distribution of an invasive, non-indigenous coral. <i>Marine Environmental Research</i> , 2015, 103, 115-124.	2.5	27
12	Osmoregulation by the broad-snouted caiman, <i>Caiman latirostris</i> , in estuarine habitat in southern Brazil. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1998, 168, 445-452.	1.5	26
13	Control of periphyton standing crop in an Atlantic Forest stream: the relative roles of nutrients, grazers and predators. <i>Freshwater Biology</i> , 2014, 59, 2365-2373.	2.4	25
14	Occurrence of an invasive coral in the southwest Atlantic and comparison with a congener suggest potential niche expansion. <i>Ecology and Evolution</i> , 2015, 5, 2162-2171.	1.9	23
15	Linking ecology with social development for tropical aquatic conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 917-941.	2.0	21
16	The mass culture of <i>Dunaliella salina</i> for β -carotene: from pilot plant to production plant. <i>Hydrobiologia</i> , 1987, 151-152, 99-105.	2.0	20
17	Seasonal and spatial differences in feeding habits of the Neotropical otter <i>Lontra longicaudis</i> (Carnivora: Mustelidae) in a coastal catchment of southeastern Brazil. <i>Zoologia</i> , 2011, 28, 37-44.	0.5	19
18	Conservation of tropical streams " special questions or conventional paradigms?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2006, 16, 659-663.	2.0	18

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19	Ecosystem Functioning and Community Structure as Indicators for Assessing Environmental Impacts: Leaf Processing and Macroinvertebrates in Atlantic Forest Streams. <i>International Review of Hydrobiology</i> , 2011, 96, 656-666.	0.9	18
20	Rarity and beta diversity assessment as tools for guiding conservation strategies in marine tropical subtidal communities. <i>Diversity and Distributions</i> , 2019, 25, 743-757.	4.1	18
21	Competition between <i>Dunaliella</i> species at high salinity. <i>Hydrobiologia</i> , 1987, 151-152, 107-116.	2.0	17
22	Patterns of periphyton are determined by cascading trophic relationships in two neotropical streams. <i>Marine and Freshwater Research</i> , 2010, 61, 57.	1.3	16
23	Strong interactions of <i>Paratya australiensis</i> (Decapoda: Atyidae) on periphyton in an Australian subtropical stream. <i>Marine and Freshwater Research</i> , 2012, 63, 834.	1.3	16
24	Nutrient Limitation and the Stoichiometry of Nutrient Uptake in a Tropical Rain Forest Stream. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2154-2167.	3.0	16
25	Effects of riparian deforestation on benthic invertebrate community and leaf processing in Atlantic forest streams. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 277-282.	1.9	15
26	Differentiating the roles of shrimp and aquatic insects in leaf processing in a Neotropical stream. <i>Marine and Freshwater Research</i> , 2017, 68, 1695.	1.3	14
27	Quantitatively describing the downstream effects of an abrupt land cover transition: buffering effects of a forest remnant on a stream impacted by cattle grazing. <i>Inland Waters</i> , 2018, 8, 294-311.	2.2	14
28	Patterns of periphyton chlorophyll and dry mass in a neotropical stream: a cheap and rapid analysis using a hand-held fluorometer. <i>Marine and Freshwater Research</i> , 2009, 60, 224.	1.3	12
29	The mass culture of <i>Dunaliella viridis</i> (Volvocales, Chlorophyta) for oxygenated carotenoids : laboratory and pilot plant studies. <i>Hydrobiologia</i> , 1990, 204-205, 401-408.	2.0	11
30	Growth of <i>Caiman latirostris</i> Inhabiting a Coastal Environment in Brazil. <i>Journal of Herpetology</i> , 1999, 33, 479.	0.5	11
31	Dynamics of algal production and ephemeropteran grazing of periphyton in a tropical stream. <i>International Review of Hydrobiology</i> , 2015, 100, 61-68.	0.9	11
32	Why the world is green, the waters are blue and foodwebs in small streams in the atlantic rainforest are predominantly driven by microalgae?. <i>Oecologia Brasiliensis</i> , 2006, 10, 78-89.	0.5	11
33	About rats and jackfruit trees: modeling the carrying capacity of a Brazilian Atlantic Forest spiny-rat <i>Trinomys dimidiatus</i> (Günther, 1877) "Rodentia, Echimyidae" population with varying jackfruit tree (<i>Artocarpus heterophyllus</i> L.) abundances. <i>Brazilian Journal of Biology</i> , 2015, 75, 208-215.	0.9	10
34	Heterogeneity and scaling of photosynthesis, respiration, and nitrogen uptake in three Atlantic Rainforest streams. <i>Ecosphere</i> , 2017, 8, e01959.	2.2	10
35	Conversion of tropical forests to agriculture alters the accrual, stoichiometry, nutrient limitation, and taxonomic composition of stream periphyton. <i>International Review of Hydrobiology</i> , 2019, 104, 116-126.	0.9	9
36	Forest cover controls the nitrogen and carbon stable isotopes of rivers. <i>Science of the Total Environment</i> , 2022, 817, 152784.	8.0	8

#	ARTICLE	IF	CITATIONS
37	The outcome of an exclusion experiment depends on the method: shrimps, shredders and leaf breakdown in a tropical stream. <i>Freshwater Science</i> , 2019, 38, 131-141.	1.8	7
38	Reviewing carbon spiraling approach to understand organic matter movement and transformation in lotic ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	7
39	Biodiversity and ecosystem functioning in conservation of rivers and streams. , 1999, 9, 573-578.		6
40	Effects of incubation conditions on nutrient mineralisation rates in fish and shrimp. <i>Freshwater Biology</i> , 2018, 63, 1107-1117.	2.4	6
41	Influence of leaf miners and environmental quality on litter breakdown in tropical headwater streams. <i>Hydrobiologia</i> , 2021, 848, 1311-1331.	2.0	6
42	Defying Water's End: do we need different conservation strategies for aquatic systems compared with terrestrial?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 1-3.	2.0	5
43	Relationships of shredders, leaf processing and organic matter along a canopy cover gradient in tropical streams. <i>Journal of Limnology</i> , 2018, 77, .	1.1	4
44	Generalized Linear Models outperform commonly used canonical analysis in estimating spatial structure of presence/absence data. <i>PeerJ</i> , 2020, 8, e9777.	2.0	4
45	SaÃde e integridade do ecossistema e o papel dos insetos aquÃticos. <i>Oecologia Brasiliensis</i> , 1998, 05, 281-298.	0.5	3
46	Patterns of distribution of fauna in streams, rivers and standing water at Ilha do Cardoso, SÃo Paulo, Brazil. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1994, 25, 1876-1877.	0.1	2
47	What role should ecology play in the management and conservation of inland water resources?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2002, 12, 253-256.	2.0	2
48	Tropical Stream Ecology David Dudgeon ISBN: 978-0-12-088449-0 The University of Chicago Press London, UK 2008 316 pp \$ US79.95 (hardback). (Electronic version available from Elsevier) Tj ETQq0 0 0 rgBT /Oveslock 10 T 50 297 T		
49	Longitudinal dimensions of land-use impacts in riverine ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2019, 31, .	0.4	2
50	Patterns of distribution of fish and macrocrustaceans related to environmental parameters in streams at Ilha do Cardoso, SP, Brazil. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1998, 26, 2291-2292.	0.1	1
51	Ecosystem theory and conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 423-426.	2.0	1
52	Editorial: Aquatic conservation and the World Water Forum. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1064-1068.	2.0	1
53	Relationships between algae, moss, fish, macrocrustaceans and aquatic insects in a stream in coastal Atlantic rainforest at Ilha do Cardoso, SP, Brazil. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1998, 26, 1071-1071.	0.1	0