

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	Forest cover controls the nitrogen and carbon stable isotopes of rivers. <i>Science of the Total Environment</i> , 2022, 817, 152784.	8.0	8
2	Influence of leaf miners and environmental quality on litter breakdown in tropical headwater streams. <i>Hydrobiologia</i> , 2021, 848, 1311-1331.	2.0	6
3	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
4	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
5	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
6	Longitudinal dimensions of land-use impacts in riverine ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2019, 31, .	0.4	2
7	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
8	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
9	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
10	Effects of incubation conditions on nutrient mineralisation rates in fish and shrimp. <i>Freshwater Biology</i> , 2018, 63, 1107-1117.	2.4	6
11	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
12	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
13	Allochthonous and autochthonous carbon flows in food webs of tropical forest streams. <i>Freshwater Biology</i> , 2017, 62, 1012-1023.	2.4	60
14	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
15	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. <i>Freshwater Biology</i> , 2017, 62, 833-853.	2.4	257
16	Editorial: Aquatic conservation and the World Water Forum. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1064-1068.	2.0	1
17	Heterogeneity and scaling of photosynthesis, respiration, and nitrogen uptake in three Atlantic Rainforest streams. <i>Ecosphere</i> , 2017, 8, e01959.	2.2	10
18	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

#	ARTICLE	IF	CITATIONS
19	Linking ecology with social development for tropical aquatic conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 917-941.	2.0	21
20	Reviewing carbon spiraling approach to understand organic matter movement and transformation in lotic ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	7
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	Ecosystem theory and conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 423-426.	2.0	1
29	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
30	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
31	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
32	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 /Overclock 10 T 50 217 T		
33	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
34	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
35	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
36	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

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37	Conservation of tropical streams – special questions or conventional paradigms?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2006, 16, 659-663.	2.0	18
38	Why the world is green, the waters are blue and foodwebs in small streams in the atlantic rainforest are predominantly driven by microalgae?. Oecologia Brasiliensis, 2006, 10, 78-89.	0.5	11
39	The effects of shrimps on benthic material in a Brazilian island stream. Freshwater Biology, 2005, 50, 592-602.	2.4	45
40	Effects of ephemeropterans and shrimps on periphyton and sediments in a coastal stream (Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	67
41	What role should ecology play in the management and conservation of inland water resources?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2002, 12, 253-256.	2.0	2
42	Growth of Caiman latirostris Inhabiting a Coastal Environment in Brazil. Journal of Herpetology, 1999, 33, 479.	0.5	11
43	Biodiversity and ecosystem functioning in conservation of rivers and streams. , 1999, 9, 573-578.		6
44	Osmoregulation by the broad-snouted caiman, Caiman latirostris , in estuarine habitat in southern Brazil. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1998, 168, 445-452.	1.5	26
45	Patterns of distribution of fish and macrocrustaceans related to environmental parameters in streams at Ilha do Cardoso, SP, Brazil. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1998, 26, 2291-2292.	0.1	1
46	Relationships between algae, moss, fish, macrocrustaceans and aquatic insects in a stream in coastal Atlantic rainforest at Ilha do Cardoso, SP, Brazil. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1998, 26, 1071-1071.	0.1	0
47	Saãde e integridade do ecossistema e o papel dos insetos aquãticos. Oecologia Brasiliensis, 1998, 05, 281-298.	0.5	3
48	Patterns of distribution of fauna in streams, rivers and standing water at Ilha do Cardoso, São Paulo, Brazil. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1994, 25, 1876-1877.	0.1	2
49	The mass culture of Dunaliella viridis (Volvocales, Chlorophyta) for oxygenated carotenoids : laboratory and pilot plant studies. Hydrobiologia, 1990, 204-205, 401-408.	2.0	11
50	The mass culture of Dunaliella salina for ?-carotene: from pilot plant to production plant. Hydrobiologia, 1987, 151-152, 99-105.	2.0	20
51	Competition between Dunaliella species at high salinity. Hydrobiologia, 1987, 151-152, 107-116.	2.0	17
52	The mass culture of Dunaliella salina for fine chemicals: From laboratory to pilot plant. Hydrobiologia, 1984, 116-117, 115-121.	2.0	95
53	The protozoa of a Western Australian hypersaline lagoon. Hydrobiologia, 1983, 105, 95-113.	2.0	149