

Michael A Chadwick

List of Publications by Year in descending order

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46
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993
citations

623699

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526264

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1452
citing authors

#	ARTICLE	IF	CITATIONS
1	URBANIZATION AFFECTS STREAM ECOSYSTEM FUNCTION BY ALTERING HYDROLOGY, CHEMISTRY, AND BIOTIC RICHNESS. , 2006, 16, 1796-1807.		142
2	What makes a species synurbic?. Applied Geography, 2012, 32, 514-521.	3.7	135
3	A primer for data assimilation with ecological models using Markov Chain Monte Carlo (MCMC). Oecologia, 2011, 167, 599-611.	2.0	74
4	Effect of a whole-catchment N addition on stream detritus processing. Journal of the North American Benthological Society, 2003, 22, 194-206.	3.1	45
5	Influence of salinity and temperature on the growth and production of a freshwater mayfly in the Lower Mobile River, Alabama. Limnology and Oceanography, 2001, 46, 532-542.	3.1	42
6	Role of habitat in determining macroinvertebrate production in an intermittent-stream system. Freshwater Biology, 2007, 52, 240-251.	2.4	41
7	The "tiger of Indian rivers": stakeholders' perspectives on the golden mahseer as a flagship fish species. Area, 2014, 46, 389-397.	1.6	41
8	Urban Ecosystems. , 0, , .		39
9	Historical Analysis Exposes Catastrophic Seagrass Loss for the United Kingdom. Frontiers in Plant Science, 2021, 12, 629962.	3.6	39
10	A primary Fish Gill Cell System (FIGCS) for environmental monitoring of river waters. Aquatic Toxicology, 2014, 154, 184-192.	4.0	32
11	Response of stream macroinvertebrate production to atmospheric nitrogen deposition and channel drying. Limnology and Oceanography, 2005, 50, 228-236.	3.1	31
12	Low-cost electronic sensors for environmental research: Pitfalls and opportunities. Progress in Physical Geography, 2021, 45, 305-338.	3.2	31
13	Variability of UK seagrass sediment carbon: Implications for blue carbon estimates and marine conservation management. PLoS ONE, 2018, 13, e0204431.	2.5	26
14	Urban invasions: non-native and invasive species in cities. Geography, 2015, 100, 144-151.	0.6	22
15	A novel "triple drawdown" method highlights deficiencies in invasive alien crayfish survey and control techniques. Journal of Applied Ecology, 2021, 58, 316-326.	4.0	19
16	Effects of urbanization on macroinvertebrates in tributaries of the St. Johns River, Florida, USA. Urban Ecosystems, 2012, 15, 347-365.	2.4	16
17	Catch-and-release angling as a management tool for freshwater fish conservation in India. Oryx, 2016, 50, 250-256.	1.0	16
18	SALT AND WATER BALANCE IN HEXAGENIA LIMBATA (EPHEMEROPTERA: EPHEMERIDAE) WHEN EXPOSED TO BRACKISH WATER. Florida Entomologist, 2002, 85, 650-651.	0.5	15

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19	Terrestrial protected areas and managed reaches conserve threatened freshwater fish in Uttarakhand, India. <i>Parks</i> , 2015, 21, 89-101.	1.9	15
20	Stream ecosystem response to chronic deposition of N and acid at the Bear Brook Watershed, Maine. <i>Environmental Monitoring and Assessment</i> , 2010, 171, 83-92.	2.7	14
21	Benthic community structure and ecosystem functions in above- and below-waterfall pools in Borneo. <i>Hydrobiologia</i> , 2017, 787, 307-322.	2.0	14
22	An overview of non-native species invasions in urban river corridors. <i>River Research and Applications</i> , 2019, 35, 1269-1278.	1.7	14
23	Satellite remote sensing reveals impacts from dam-associated hydrological changes on chlorophyll <i>a</i> in the world's largest desert lake. <i>River Research and Applications</i> , 2020, 36, 211-222.	1.7	13
24	Living in the concrete jungle: a review and socio-ecological perspective of urban raptor habitat quality in Europe. <i>Urban Ecosystems</i> , 2021, 24, 1179-1199.	2.4	12
25	Litter decomposition in highly urbanized rivers: influence of restoration on ecosystem function. <i>Fundamental and Applied Limnology</i> , 2014, 185, 7-18.	0.7	11
26	Fluvial biotopes influence macroinvertebrate biodiversity in South-East Asian tropical streams. <i>Ecosphere</i> , 2016, 7, e01479.	2.2	11
27	Macroinvertebrate richness on flood defence walls of the tidal River Thames. <i>Urban Ecosystems</i> , 2012, 15, 327-346.	2.4	10
28	Effects of Parasite Infection and Host Body Size on Habitat Associations of Invasive Aquatic Snails: Implications for Environmental Monitoring. <i>Journal of Aquatic Animal Health</i> , 2019, 31, 121-128.	1.4	9
29	Influence of urban river restoration on nitrogen dynamics at the sediment-water interface. <i>PLoS ONE</i> , 2019, 14, e0212690.	2.5	8
30	Assessing the distribution pattern of otters in four rivers of the Indian Himalayan biodiversity hotspot. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 601-610.	2.0	7
31	A Waterbody Typology Derived from Catchment Controls Using Self-Organising Maps. <i>Water (Switzerland)</i> , 2020, 12, 78.	2.7	6
32	Effects of detrital food sources on growth of a physid snail. <i>Journal of Molluscan Studies</i> , 2006, 72, 435-438.	1.2	5
33	Mapping invasive strawberry guava (<i>Psidium cattleianum</i>) in tropical forests of Mauritius with Sentinel-2 and machine learning. <i>International Journal of Remote Sensing</i> , 2022, 43, 841-872.	2.9	5
34	Effects of atmospheric N deposition on coarse organic matter in a headwater stream. <i>Hydrobiologia</i> , 2005, 532, 167-179.	2.0	4
35	Effects of Habitat Restoration on Fish Communities in Urban Streams. <i>Water (Switzerland)</i> , 2021, 13, 2170.	2.7	4
36	Nutrient Dynamics at the Sediment-Water Interface: Influence of Wastewater Effluents. <i>Environmental Processes</i> , 2021, 8, 1337.	3.5	4

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37	Eco-hydromorphic Classification for Understanding Stream Macroinvertebrate Biodiversity in Brunei Darussalam, Northern Borneo. <i>Zoological Studies</i> , 2016, 55, e37.	0.3	4
38	Diverticular perforation: an unusual cause of subcutaneous emphysema. <i>Emergency Medicine Journal</i> , 2014, 31, 259-260.	1.0	3
39	Macroinvertebrate trophic structure on waterfalls in Borneo. <i>Marine and Freshwater Research</i> , 2017, 68, 2061.	1.3	3
40	The "Pritchard Trap"™: A novel quantitative survey method for crayfish. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12070.	2.0	3
41	Carpooling with ecologists, geographers and taxonomists: perceptions from conducting environmental research in tropical regions. <i>Biodiversity and Conservation</i> , 2019, 28, 975-981.	2.6	2
42	Impact of invasive quagga mussel (<i>Dreissena rostriformis bugensis</i> , Bivalva: Dreissenidae) on the macroinvertebrate community structure of a UK river. <i>Aquatic Invasions</i> , 2017, 12, 509-521.	1.6	2
43	Influences of Elevated Nutrients and Water Temperature from Wastewater Effluent on River Ecosystem Metabolism. <i>Environmental Processes</i> , 2022, 9, .	3.5	2
44	Breeding habitat selection of urban peregrine falcons (<i>Falco peregrinus</i>) in London. <i>Journal of Urban Ecology</i> , 2021, 7, .	1.5	1
45	Assessing methods to improve benthic fish sampling in a stony headwater stream. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12111.	2.0	1
46	Evaluating <i>in situ</i> rates of carbon dioxide flux from northern Borneo peat swamp soils. <i>Experimental Results</i> , 2022, 3, .	0.6	0