

Anthony Maire

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

760
citations

687335

13
h-index

552766

26
g-index

27
all docs

27
docs citations

27
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental DNA reveals quantitative patterns of fish biodiversity in large rivers despite its downstream transportation. <i>Scientific Reports</i> , 2018, 8, 10361.	3.3	274
2	Structural and functional responses of invertebrate communities to climate change and flow regulation in alpine catchments. <i>Global Change Biology</i> , 2019, 25, 1612-1628.	9.5	65
3	The dimensionality and structure of species trait spaces. <i>Ecology Letters</i> , 2021, 24, 1988-2009.	6.4	63
4	The future of fish-based ecological assessment of European rivers: from traditional EU Water Framework Directive compliant methods to eDNA metabarcoding-based approaches. <i>Journal of Fish Biology</i> , 2021, 98, 354-366.	1.6	45
5	Poleward shift in large-river fish communities detected with a novel meta-analysis framework. <i>Freshwater Biology</i> , 2019, 64, 1143-1156.	2.4	33
6	Invasion impacts and dynamics of a European-wide introduced species. <i>Global Change Biology</i> , 2022, 28, 4620-4632.	9.5	27
7	Effects of a broad range of experimental temperatures on the population growth and body-size of five species of free-living nematodes. <i>Journal of Thermal Biology</i> , 2019, 80, 21-36.	2.5	21
8	A multi-faceted framework of diversity for prioritizing the conservation of fish assemblages. <i>Ecological Indicators</i> , 2013, 34, 450-459.	6.3	20
9	Can Recent Global Changes Explain the Dramatic Range Contraction of an Endangered Semi-Aquatic Mammal Species in the French Pyrenees?. <i>PLoS ONE</i> , 2016, 11, e0159941.	2.5	20
10	Identification of Priority Areas for the Conservation of Stream Fish Assemblages: Implications for River Management in France. <i>River Research and Applications</i> , 2017, 33, 524-537.	1.7	19
11	Behaviour of Atlantic salmon smolts approaching a bypass under light and dark conditions: Importance of fish development. <i>Ecological Engineering</i> , 2019, 131, 39-52.	3.6	17
12	Regional, multi-decadal analysis on the Loire River basin reveals that stream temperature increases faster than air temperature. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2583-2603.	4.9	16
13	Otolith shape analysis and daily increment validation during ontogeny of larval and juvenile European chub <i>Squalius cephalus</i> . <i>Journal of Fish Biology</i> , 2019, 95, 444-452.	1.6	15
14	An innovative bivariate approach to detect joint temporal trends in environmental conditions: Application to large French rivers and diadromous fish. <i>Science of the Total Environment</i> , 2020, 748, 141260.	8.0	15
15	Rebound in functional distinctiveness following warming and reduced fishing in the North Sea. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20201600.	2.6	14
16	Physico-chemical thresholds in the distribution of fish species among French lakes. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 41.	1.1	13
17	Metabolic regime shifts and ecosystem state changes are decoupled in a large river. <i>Limnology and Oceanography</i> , 2022, 67, .	3.1	13
18	Effect of water warming on the structure of biofilm-dwelling communities. <i>Ecological Indicators</i> , 2020, 117, 106622.	6.3	10

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19	Sediment reworking by the burrowing polychaete <i>Hediste diversicolor</i> modulated by environmental and biological factors across the temperate North Atlantic. A tribute to Gaston Desrosiers. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 541, 151588.	1.5	10
20	Hindcasting modelling for restoration and conservation planning: application to stream fish assemblages. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 839-854.	2.0	9
21	Spatial distribution, total length frequencies and otolith morphometry as tools to analyse the effects of a flash flood on populations of roach (<i>Rutilus rutilus</i>). <i>Ecology of Freshwater Fish</i> , 2018, 27, 421-432.	1.4	8
22	Interpretation of interannual variability in long-term aquatic ecological surveys. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 894-903.	1.4	8
23	The effect of lateral connectedness on the taxonomic and functional structure of fish communities in a lowland river floodplain. <i>Science of the Total Environment</i> , 2020, 719, 137169.	8.0	7
24	A framework for pre-processing individual location telemetry data for freshwater fish in a river section. <i>Ecological Modelling</i> , 2020, 431, 109190.	2.5	5
25	Does global change increase the risk of maladaptation of Atlantic salmon migration through joint modifications of river temperature and discharge?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211882.	2.6	5
26	Monte-Carlo methods to assess the uncertainty related to the use of predictive multimetric indices. <i>Ecological Indicators</i> , 2019, 96, 52-58.	6.3	4
27	Joint temporal trends in river thermal and hydrological conditions can threaten the downstream migration of the critically endangered European eel. <i>Scientific Reports</i> , 2021, 11, 16927.	3.3	4