

Jarod Lyon

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,117
citations

394421

19
h-index

434195

31
g-index

49
all docs

49
docs citations

49
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe consequences of habitat fragmentation on genetic diversity of an endangered Australian freshwater fish: A call for assisted gene flow. <i>Evolutionary Applications</i> , 2017, 10, 531-550.	3.1	119
2	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021, 263, 109175.	4.1	96
3	Smoke on the water: Can riverine fish populations recover following a catastrophic fire-related sediment slug?. <i>Austral Ecology</i> , 2008, 33, 794-806.	1.5	91
4	Efficiency of electrofishing in turbid lowland rivers: implications for measuring temporal change in fish populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 878-886.	1.4	58
5	The effect of water level on lateral movements of fish between river and off-channel habitats and implications for management. <i>Marine and Freshwater Research</i> , 2010, 61, 271.	1.3	56
6	Artificial barriers prevent genetic recovery of small isolated populations of a low-mobility freshwater fish. <i>Heredity</i> , 2018, 120, 515-532.	2.6	50
7	The conservation impacts of ecological disturbance: Time-bound estimates of population loss and recovery for fauna affected by the 2019-2020 Australian megafires. <i>Global Ecology and Biogeography</i> , 2022, 31, 2085-2104.	5.8	45
8	Effects of temperature on the fast-start swimming performance of an Australian freshwater fish. <i>Ecology of Freshwater Fish</i> , 2008, 17, 184-188.	1.4	44
9	Observations on the distribution and abundance of carp and native fish, and their responses to a habitat restoration trial in the Murray River, Australia. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2004, 38, 541-551.	2.0	43
10	Signatures of polygenic adaptation associated with climate across the range of a threatened fish species with high genetic connectivity. <i>Molecular Ecology</i> , 2017, 26, 6253-6269.	3.9	34
11	Reintroduction success of threatened Australian trout cod (<i>Maccullochella macquariensis</i>) based on growth and reproduction. <i>Marine and Freshwater Research</i> , 2012, 63, 598.	1.3	29
12	Estimating population size in the presence of temporary migration using a joint analysis of telemetry and capture-recapture data. <i>Methods in Ecology and Evolution</i> , 2014, 5, 615-625.	5.2	28
13	A compendium of ecological knowledge for restoration of freshwater fishes in Australia. <i>Marine and Freshwater Research</i> , 2020, 71, 1391.	1.3	28
14	THEME SECTION Spatial ecology of an endangered native Australian Percichthyid fish, the trout cod <i>Maccullochella macquariensis</i> John D. Koehn ^{1,*} , Simon J. Nicol ^{1,2} , John A. McKenzie ¹ , Jason A. Lieschke ¹ , Jarod P. Lyon ¹ , Karl Pomorin ¹ . <i>Endangered Species Research</i> , 2008, 4, 219-225.	2.4	28
15	Flow magnitude and variability influence growth of two freshwater fish species in a large regulated floodplain river. <i>Hydrobiologia</i> , 2017, 797, 289-301.	2.0	26
16	Mining candidate causal relationships in movement patterns. <i>International Journal of Geographical Information Science</i> , 2014, 28, 363-382.	4.8	25
17	Increased population size of fish in a lowland river following restoration of structural habitat. <i>Ecological Applications</i> , 2019, 29, e01882.	3.8	24
18	Recovery of the endangered trout cod, <i>Maccullochella macquariensis</i> : what have we achieved in more than 25 years?. <i>Marine and Freshwater Research</i> , 2013, 64, 822.	1.3	24

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19	Spawning behaviour of the endangered Macquarie Perch <i>Macquaria australasica</i> in an upland Australian river. <i>Ecological Management and Restoration</i> , 2010, 11, 223-226.	1.5	20
20	Passive Recovery of Wood Loads in Rivers. <i>Water Resources Research</i> , 2018, 54, 8828-8846.	4.2	19
21	Hydrology and water temperature influence recruitment dynamics of the threatened silver perch <i>Bidyanus bidyanus</i> in a regulated lowland river. <i>Marine and Freshwater Research</i> , 2019, 70, 1333.	1.3	17
22	Linking flow attributes to recruitment to inform water management for an Australian freshwater fish with an equilibrium life-history strategy. <i>Science of the Total Environment</i> , 2021, 752, 141863.	8.0	15
23	Reservoir refilling enhances growth and recruitment of an endangered remnant riverine fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1888-1899.	1.4	14
24	Using multiple sources during reintroduction of a locally extinct population benefits survival and reproduction of an endangered freshwater fish. <i>Evolutionary Applications</i> , 2021, 14, 950-964.	3.1	14
25	A novel approach to spatially assessing instream woody habitat densities across large areas. <i>Journal of Environmental Management</i> , 2013, 128, 555-560.	7.8	13
26	Evaluation of population decline and fishing sustainability of the endangered Australian freshwater fish <i>Macquaria australasica</i> . <i>Fisheries Management and Ecology</i> , 2011, 18, 513-520.	2.0	11
27	Regional-scale extremes in river discharge and localised spawning stock abundance influence recruitment dynamics of a threatened freshwater fish. <i>Ecohydrology</i> , 2017, 10, e1842.	2.4	11
28	Demonstration reaches: Looking back whilst moving forward with river rehabilitation under the Native Fish Strategy. <i>Ecological Management and Restoration</i> , 2014, 15, 67-74.	1.5	10
29	Differential responses by two closely related native fishes to restoration actions. <i>Restoration Ecology</i> , 2019, 27, 1463-1472.	2.9	9
30	Size, growth and mortality of riverine golden perch (<i>Macquaria ambigua</i>) across a latitudinal gradient. <i>Marine and Freshwater Research</i> , 2020, 71, 1651.	1.3	9
31	Predicting natural instream woody-habitat loads across large river networks. <i>Marine and Freshwater Research</i> , 2016, 67, 1844.	1.3	9
32	Assessing the Distribution and Changes of Instream Woody Habitat in South-Eastern Australian Rivers. <i>River Research and Applications</i> , 2016, 32, 1576-1586.	1.7	8
33	Identifying environmental correlates of intraspecific genetic variation. <i>Heredity</i> , 2016, 117, 155-164.	2.6	8
34	Determinants of year class strength and growth of estuary perch <i>Macquaria colonorum</i> in a highly regulated system. <i>Marine and Freshwater Research</i> , 2018, 69, 1663.	1.3	7
35	Is climate change driving recruitment failure in Australian bass <i>Macquaria novemaculeata</i> in southern latitudes of the species range?. <i>Marine and Freshwater Research</i> , 2018, 69, 24.	1.3	7
36	Spawning-stock characteristics and migration of a lake-bound population of the endangered Macquarie perch <i>Macquaria australasica</i> . <i>Journal of Fish Biology</i> , 2018, 93, 630-640.	1.6	7

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37	Quantifying links between instream woody habitat and freshwater fish species in south-eastern Australia to inform waterway restoration. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1385-1396.	2.0	7
38	Managing fish species under threat: case studies from the Native Fish Strategy for the Murray-Darling Basin, Australia. <i>Ecological Management and Restoration</i> , 2014, 15, 57-61.	1.5	6
39	Accounting for false mortality in telemetry tag applications. <i>Ecological Modelling</i> , 2017, 355, 116-125.	2.5	6
40	Conservation implications of angler misidentification of an endangered fish. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1396-1402.	2.0	5
41	Integrating Multiple Data Types to Connect Ecological Theory and Data Among Levels. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	5
42	Underlying trends confound estimates of fish population responses to river discharge. <i>Freshwater Biology</i> , 2021, 66, 1799-1812.	2.4	5
43	Does life history mediate discharge as a driver of multi-decadal changes in populations of freshwater fish?. <i>Ecological Applications</i> , 2021, 31, e02430.	3.8	5
44	An investigation of genetic connectivity shines a light on the relative roles of isolation by distance and oceanic currents in three diadromous fish species. <i>Marine and Freshwater Research</i> , 2021, 72, 1457-1473.	1.3	5
45	Does wood type influence the colonisation of this habitat by macroinvertebrates in large lowland rivers?. <i>Marine and Freshwater Research</i> , 2009, 60, 384.	1.3	5
46	Movement behavior of a threatened native fish informs flow management in a modified floodplain river system. <i>Ecosphere</i> , 2022, 13, .	2.2	5
47	Combining capture-recapture data and known ages allows estimation of age-dependent survival rates. <i>Ecology and Evolution</i> , 2019, 9, 90-99.	1.9	3
48	Climate variability regulates population dynamics of a threatened freshwater fish. <i>Endangered Species Research</i> , 2019, 40, 257-270.	2.4	3
49	Effects of tag type, morphological location and tagger experience on tag retention rates in freshwater fishes. <i>Marine and Freshwater Research</i> , 2019, 70, 891.	1.3	1