

# Rick J Stoffels

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

617  
citations

567281

15  
h-index

642732

23  
g-index

34  
all docs

34  
docs citations

34  
times ranked

840  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lengthâ€mass models for some common New Zealand littoralâ€benthic macroinvertebrates, with a note on withinâ€taxon variability in parameter values among published models. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2003, 37, 449-460.	2.0	55
2	Riverscape recruitment: a conceptual synthesis of drivers of fish recruitment in rivers. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 213-225.	1.4	45
3	Spatial scale and benthic community organisation in the littoral zones of large oligotrophic lakes: potential for cross-scale interactions. <i>Freshwater Biology</i> , 2005, 50, 1131-1145.	2.4	44
4	Dynamics of fish dispersal during river-floodplain connectivity and its implications for community assembly. <i>Aquatic Sciences</i> , 2016, 78, 355-365.	1.5	37
5	Science to support the management of riverine flows. <i>Freshwater Biology</i> , 2018, 63, 996-1010.	2.4	28
6	Monitoring of environmental flow outcomes in a large river basin: The Commonwealth Environmental Water Holder's longâ€term intervention in the Murrayâ€Darling Basin, Australia. <i>River Research and Applications</i> , 2020, 36, 630-644.	1.7	28
7	Response of a floodplain fish community to river-floodplain connectivity: natural versus managed reconnection. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 236-245.	1.4	27
8	Physiological Trade-Offs Along a Fast-Slow Lifestyle Continuum in Fishes: What Do They Tell Us about Resistance and Resilience to Hypoxia?. <i>PLoS ONE</i> , 2015, 10, e0130303.	2.5	27
9	Ontogenetic Variation in the Diurnal Food and Habitat Associations of an Endemic and an Exotic Fish in Floodplain Ponds: Consequences for Niche Partitioning. <i>Environmental Biology of Fishes</i> , 2003, 66, 293-305.	1.0	25
10	Flooding drives a macroinvertebrate biomass boom in ephemeral floodplain wetlands. <i>Freshwater Science</i> , 2017, 36, 726-738.	1.8	24
11	Morphology, metabolism and behaviour: responses of three fishes with different lifestyles to acute hypoxia. <i>Freshwater Biology</i> , 2014, 59, 819-831.	2.4	22
12	Spatial organisation and behavioural interaction of giant kokopu ( <i>Galaxias argenteus</i> ) in two stream pools differing in fish density. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2003, 37, 315-322.	2.0	19
13	Single-Locus Polymorphism in a Heterogeneous Two-Deme Model. <i>Genetics</i> , 2007, 176, 1625-1633.	2.9	18
14	Contrasting fundamental and realized niches: two fishes with similar thermal performance curves occupy different thermal habitats. <i>Freshwater Science</i> , 2017, 36, 635-652.	1.8	18
15	Multiple scales and the relationship between density and spatial aggregation in littoral zone communities. <i>Oikos</i> , 2003, 103, 81-92.	2.7	17
16	Temporal dynamics of a local fish community are strongly affected by immigration from the surrounding metacommunity. <i>Ecology and Evolution</i> , 2015, 5, 200-212.	1.9	17
17	A predicted change in the amino acid landscapes available to freshwater carnivores. <i>Freshwater Science</i> , 2018, 37, 108-120.	1.8	17
18	Evolution of Fitnesses and Allele Frequencies in a Population With Spatially Heterogeneous Selection Pressures. <i>Genetics</i> , 2007, 177, 1743-1751.	2.9	15

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19	An Asymmetric Model of Heterozygote Advantage at Major Histocompatibility Complex Genes: Degenerate Pathogen Recognition and Intersection Advantage. <i>Genetics</i> , 2008, 178, 1473-1489.	2.9	15
20	What do metabolic rates tell us about thermal niches? Mechanisms driving crayfish distributions along an altitudinal gradient. <i>Oecologia</i> , 2016, 180, 45-54.	2.0	15
21	Invasive willows drive instream community structure. <i>Freshwater Biology</i> , 2016, 61, 1379-1391.	2.4	13
22	Fragmentation of lateral connectivity and fish population dynamics in large rivers. <i>Fish and Fisheries</i> , 2022, 23, 680-696.	5.3	13
23	The effects of turbidity, prey density and environmental complexity on the feeding of juvenile Murray cod <i>Maccullochella peelii</i> . <i>Journal of Fish Biology</i> , 2012, 80, 195-206.	1.6	12
24	Heat and hypoxia give a global invader, <i>Gambusia holbrooki</i> , the edge over a threatened endemic fish on Australian floodplains. <i>Biological Invasions</i> , 2017, 19, 2477-2489.	2.4	12
25	Different Conceptualizations of River Basins to Inform Management of Environmental Flows. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	11
26	Longitudinal trends in concentration and composition of dissolved organic nitrogen (DON) in a largely unregulated river system. <i>Biogeochemistry</i> , 2018, 139, 139-153.	3.5	11
27	Stage-dependent effects of river flow and temperature regimes on the growth dynamics of an apex predator. <i>Global Change Biology</i> , 2020, 26, 6880-6894.	9.5	7
28	Multiple framings of uncertainty shape adoption of reference states during reform of water policy. <i>Environmental Science and Policy</i> , 2021, 124, 496-505.	4.9	7
29	Metabarcoding demonstrates dietary niche partitioning in two coexisting blackfish species. <i>Marine and Freshwater Research</i> , 2020, 71, 512.	1.3	6
30	Dietary fatty acid profiles shape crayfish biosynthesis and performance: Implications for riverine food webs. <i>Freshwater Biology</i> , 2022, 67, 978-990.	2.4	5
31	Prey amino acid composition affects rates of protein synthesis and N wastage of a freshwater carnivore. <i>Marine and Freshwater Research</i> , 2020, 71, 229.	1.3	4
32	Abundance of brown trout as related to littoral zone gradient in Lakes Te Anau and Manapouri, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2002, 36, 455-458.	2.0	2
33	Estimation of policy-relevant reference conditions throughout national river networks. <i>MethodsX</i> , 2021, 8, 101522.	1.6	1
34	Effects of current and future climates on the growth dynamics and distributions of two riverine fishes. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 185-197.	2.0	0