

# Timothy J Ralph

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

531  
citations

623734

14  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

622  
citing authors

#	ARTICLE	IF	CITATIONS
1	Downstream hydrogeomorphic changes along the Macquarie River, southeastern Australia, leading to channel breakdown and floodplain wetlands. <i>Geomorphology</i> , 2010, 118, 48-64.	2.6	74
2	Palaeohydrology of lowland rivers in the Murray-Darling Basin, Australia. <i>Quaternary Science Reviews</i> , 2018, 200, 85-105.	3.0	41
3	Product vs. process? The role of geomorphology in wetland characterization. <i>Science of the Total Environment</i> , 2019, 663, 980-991.	8.0	36
4	How seed traits predict floating times: a biophysical process model for hydrochorous seed transport behaviour in fluvial systems. <i>Freshwater Biology</i> , 2016, 61, 19-31.	2.4	32
5	Timescales, mechanisms, and controls of incisional avulsions in floodplain wetlands: Insights from the Tshwane River, semiarid South Africa. <i>Geomorphology</i> , 2017, 283, 158-172.	2.6	30
6	The interplay between extrinsic and intrinsic controls in determining floodplain wetland characteristics in the South African drylands. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1092-1109.	2.5	27
7	Identifying threshold responses of Australian dryland rivers to future hydroclimatic change. <i>Scientific Reports</i> , 2020, 10, 6653.	3.3	26
8	Paleoecological responses to avulsion and floodplain evolution in a semiarid Australian freshwater wetland. <i>Australian Journal of Earth Sciences</i> , 2011, 58, 75-91.	1.0	25
9	Wandering wetlands: spatial patterns of historical channel and floodplain change in the Ramsar-listed Macquarie Marshes, Australia. <i>Marine and Freshwater Research</i> , 2016, 67, 782.	1.3	25
10	Quantifying fluvial (dis)connectivity in an agricultural catchment using a geomorphic approach and sediment source tracing. <i>Journal of Soils and Sediments</i> , 2015, 15, 2052-2066.	3.0	22
11	Application of feature selection methods and machine learning algorithms for saltmarsh biomass estimation using Worldview-2 imagery. <i>Geocarto International</i> , 2021, 36, 1075-1099.	3.5	21
12	A reassessment of the Lower Namoi Catchment aquifer architecture and hydraulic connectivity with reference to climate drivers. <i>Australian Journal of Earth Sciences</i> , 2014, 61, 501-511.	1.0	19
13	Spatial dissimilarities in plankton structure and function during flood pulses in a semi-arid floodplain wetland system. <i>Hydrobiologia</i> , 2015, 747, 19-31.	2.0	18
14	Gross primary productivity of phytoplankton and planktonic respiration in inland floodplain wetlands of southeast Australia: habitat-dependent patterns and regulating processes. <i>Ecological Research</i> , 2013, 28, 833-843.	1.5	14
15	Dramatic reduction in size of the lowland Macquarie River in response to Late Quaternary climate-driven hydrologic change. <i>Quaternary Research</i> , 2018, 90, 360-379.	1.7	14
16	Longitudinal spatial variation in ecological conditions in an in-channel floodplain river system during flow pulses. <i>River Research and Applications</i> , 2011, 27, 461-472.	1.7	13
17	Matching research and policy tools to scales of climate-change adaptation in the Murray-Darling, a large Australian river basin: a review. <i>Hydrobiologia</i> , 2013, 708, 97-109.	2.0	12
18	A nested hierarchical perspective to enhance interpretations and communication in fluvial geomorphology for use in water resources management: Lessons from the Okavango Delta, Botswana. <i>Geographical Journal</i> , 2018, 184, 192-207.	3.1	12

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19	Macro-charcoal accumulation in floodplain wetlands: Problems and prospects for reconstruction of fire regimes and environmental conditions. PLoS ONE, 2019, 14, e0224011.	2.5	12
20	The Use of Representative Species as Surrogates for Wetland Inundation. Wetlands, 2012, 32, 249-256.	1.5	11
21	A shifting "river of sand": The profound response of Australia's Warrego River to Holocene hydroclimatic change. Geomorphology, 2020, 370, 107385.	2.6	11
22	Geomorphic controls on the diversity and patterns of fluvial forms along longitudinal profiles. Catena, 2021, 203, 105329.	5.0	11
23	Influence of historical inundation frequency on soil microbes (Cyanobacteria, Proteobacteria,) Tj ETQq1 1 0.784314 1.5 BT /Ovgrlock 10 T	1.5	9
24	Dust provenance and its role as a potential fertilizing agent for the Okavango Delta, Botswana. Earth Surface Processes and Landforms, 2020, 45, 1705-1716.	2.5	7
25	Latitude and elevation as factors controlling occurrence of calanoid copepods in marginal lotic waters in New South Wales, Australia. Ecological Research, 2018, 33, 1103-1111.	1.5	3
26	Planktonic Metabolism and Microbial Carbon Substrate Utilization in Response to Inundation in Semi-Arid Floodplain Wetlands. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2019JG005571.	3.0	3
27	Soil carbon dynamics and aquatic metabolism of a wet "dry tropics wetland system. Wetlands Ecology and Management, 2021, 29, 1-25.	1.5	2
28	Dunphy Lake in Warrumbungle National Park, NSW: aquatic animal community after the Wambelong fire in 2013. Australian Zoologist, 2018, 39, 469-479.	1.1	0