

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	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
2	Soil carbon dynamics and aquatic metabolism of a wetland-dry tropics wetland system. <i>Wetlands Ecology and Management</i> , 2021, 29, 1-25.	1.5	2
3	Planktonic Metabolism and Microbial Carbon Substrate Utilization in Response to Inundation in Semi-Arid Floodplain Wetlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2019JG005571.	3.0	3
4	Geomorphic controls on the diversity and patterns of fluvial forms along longitudinal profiles. <i>Catena</i> , 2021, 203, 105329.	5.0	11
5	A shifting "river of sand": The profound response of Australia's Warrego River to Holocene hydroclimatic change. <i>Geomorphology</i> , 2020, 370, 107385.	2.6	11
6	Dust provenance and its role as a potential fertilizing agent for the Okavango Delta, Botswana. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1705-1716.	2.5	7
7	Identifying threshold responses of Australian dryland rivers to future hydroclimatic change. <i>Scientific Reports</i> , 2020, 10, 6653.	3.3	26
8	Influence of historical inundation frequency on soil microbes (Cyanobacteria, Proteobacteria, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.3	9
9	Macro-charcoal accumulation in floodplain wetlands: Problems and prospects for reconstruction of fire regimes and environmental conditions. <i>PLoS ONE</i> , 2019, 14, e0224011.	2.5	12
10	Product vs. process? The role of geomorphology in wetland characterization. <i>Science of the Total Environment</i> , 2019, 663, 980-991.	8.0	36
11	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
12	Palaeohydrology of lowland rivers in the Murray-Darling Basin, Australia. <i>Quaternary Science Reviews</i> , 2018, 200, 85-105.	3.0	41
13	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
14	Latitude and elevation as factors controlling occurrence of calanoid copepods in marginal lotic waters in New South Wales, Australia. <i>Ecological Research</i> , 2018, 33, 1103-1111.	1.5	3
15	Dunphy Lake in Warrumbungle National Park, NSW: aquatic animal community after the Wambelong fire in 2013. <i>Australian Zoologist</i> , 2018, 39, 469-479.	1.1	0
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	The Use of Representative Species as Surrogates for Wetland Inundation. <i>Wetlands</i> , 2012, 32, 249-256.	1.5	11
26	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
27	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
28	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