Fiona J Dyer

List of Publications by Year
in descending order

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Version: 2024-02-01

60 papers	1,394 citations	430442 18 h-index	360668 35 g-index
70 all docs	70 docs citations	70 times ranked	2199 citing authors

#	Article	IF	Citations
1	Environmental flows for natural, hybrid, and novel riverine ecosystems in a changing world. Frontiers in Ecology and the Environment, 2014, 12, 466-473.	1.9	289
2	A global analysis of terrestrial plant litter dynamics in non-perennial waterways. Nature Geoscience, 2018, 11, 497-503.	5.4	108
3	The Biological Assessment and Rehabilitation of the Worldâ€™s Rivers: An Overview. Water (Switzerland), 2021, 13, 371.	1.2	88
4	Establishing Environmental Water Requirements for the Murrayâ€“Darling Basin, Australia's Largest Developed River System. River Research and Applications, 2016, 32, 1153-1165.	0.7	75
5	Simulating rewetting events in intermittent rivers and ephemeral streams: A global analysis of leached nutrients and organic matter. Global Change Biology, 2019, 25, 1591-1611.	4.2	71
6	Very-broad-scale assessment of human impacts on river condition. Freshwater Biology, 2007, 52, 959-976.	1.2	60
7	The effects of climate change on ecologically-relevant flow regime and water quality attributes. Stochastic Environmental Research and Risk Assessment, 2014, 28, 67-82.	1.9	59
8	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. Hydrological Sciences Journal, 2016, 61, 2803-2817.	1.2	57
9	Sediment Respiration Pulses in Intermittent Rivers and Ephemeral Streams. Global Biogeochemical Cycles, 2019, 33, 1251-1263.	1.9	48
10	Groundwater decline and tree change in floodplain landscapes: Identifying non-linear threshold responses in canopy condition. Global Ecology and Conservation, 2014, 2, 148-160.	1.0	42
11	Managing river flows for hydraulic diversity: an example of an upland regulated gravel-bed river. River Research and Applications, 2006, 22, 257-267.	0.7	39
12	Identifying the influence of channel morphology on physical habitat availability for native fish: application to the two-spined blackfish (Gadopsis bispinosus) in the Cotter River, Australia. Marine and Freshwater Research, 2004, 55, 173.	0.7	31
13	The imperative need for nationally coordinated bioassessment of rivers and streams. Marine and Freshwater Research, 2017, 68, 599.	0.7	26
14	Interactions among stressors may be weak: Implications for management of freshwater macroinvertebrate communities. Diversity and Distributions, 2018, 24, 939-950.	1.9	25
15	Creating institutional flexibility for adaptive water management: insights from two management agencies. Journal of Environmental Management, 2017, 202, 188-197.	3.8	23
16	Impacts of water resource development on hydrological connectivity of different floodplain habitats in a highly variable system. River Research and Applications, 2020, 36, 542-552.	0.7	23
17	Contribution of national bioassessment approaches for assessing ecological water security: an AUSRIVAS case study. Frontiers of Environmental Science and Engineering, 2013, 7, 669-687.	3.3	21
18	A conceptual framework for ecological responses to groundwater regime alteration (FERGRA). Ecohydrology, 2018, 11, e2010.	1.1	21

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19	Realizing modelling outcomes: A synthesis of success factors and their use in a retrospective analysis of 15 Australian water resource projects. Environmental Modelling and Software, 2017, 94, 63-72.	1.9	20
20	Whoâ€™s your mama? Riverine hybridisation of threatened freshwater Trout Cod and Murray Cod. PeerJ, 2016, 4, e2593.	0.9	18
21	Effects of spatial and temporal variation in hydraulic conditions on metabolism in cobble biofilm communities in an Australian upland stream. Journal of the North American Benthological Society, 2006, 25, 756-767.	3.0	17
22	Why groundwater matters: an introduction for policy-makers and managers. Policy Studies, 2017, 38, 447-461.	1.1	16
23	Discretization of continuous predictor variables in Bayesian networks: An ecological threshold approach. Environmental Modelling and Software, 2015, 66, 36-45.	1.9	15
24	The effects of grain abrasion and disaggregation on concentrations in different size fractions of soils developed on three different rock types. Catena, 1999, 36, 143-151.	2.2	14
25	Learning from concurrent adaptive management in multiple catchments within a large environmental flows program in Australia. River Research and Applications, 2020, 36, 668-680.	0.7	14
26	Estimating the cover of <scp>Phragmites australis</scp> using unmanned aerial vehicles and neural networks in a semiâ€arid wetland. River Research and Applications, 2021, 37, 1312-1322.	0.7	13
27	Cotton-strip decomposition rate as a river condition indicator â€“ Diel temperature range and deployment season and length also matter. Ecological Indicators, 2014, 45, 508-521.	2.6	12
28	Groundwater salinization intensifies drought impacts in forests and reduces refuge capacity. Journal of Applied Ecology, 2015, 52, 1116-1125.	1.9	12
29	A framework to diagnose factors influencing proenvironmental behaviors in water-sensitive urban design. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7690-E7699.	3.3	12
30	Application of DArT seq derived SNP tags for comparative genome analysis in fishes; An alternative pipeline using sequence data from a non-traditional model species, Macquaria ambigua. PLoS ONE, 2019, 14, e0226365.	1.1	11
31	Looking beneath the surface: using hydrogeology and traits to explain flow variability effects on stream macroinvertebrates. Ecohydrology, 2016, 9, 1480-1495.	1.1	10
32	Thermally-driven thresholds in terrestrial avifauna waterhole visitation indicate vulnerability to a warming climate. Journal of Arid Environments, 2020, 181, 104217.	1.2	8
33	Late Holocene temperature variability in Tasmania inferred from borehole temperature data. Climate of the Past, 2017, 13, 559-572.	1.3	7
34	Karyotypes and Sex Chromosomes in Two Australian Native Freshwater Fishes, Golden Perch (Macquaria ambigua) and Murray Cod (Maccullochella peelii) (Percichthyidae). International Journal of Molecular Sciences, 2019, 20, 4244.	1.8	7
35	Riverine landscapes, water resource development and management: A view from downunder. River Research and Applications, 2020, 36, 505-511.	0.7	7
36	Historical Land-Use Influences the Long-Term Stream Turbidity Response to a Wildfire. Environmental Management, 2014, 53, 393-400.	1.2	6

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37	Seed germination of tangled lignum (Duma florulenta) and nitre goosefoot (Chenopodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 1268.	0.7	6
38	Blue, green and in-between: objectives and approaches for evaluating wetland flow regimes based on vegetation outcomes. Marine and Freshwater Research, 2022, 73, 1212-1224.	0.7	6
39	The Role of Environmental Water and Reedbed Condition on the Response of Phragmites australis Reedbeds to Flooding. Remote Sensing, 2022, 14, 1868.	1.8	6
40	The influence of differing protected area status and environmental factors on the macroinvertebrate fauna of temperate austral wetlands. Global Ecology and Conservation, 2015, 4, 277-290.	1.0	5
41	A note on communicating environmental change for non-market valuation. Ecological Indicators, 2017, 72, 165-172.	2.6	5
42	The politicisation of science in the Murray-Darling Basin, Australia: discussion of â€˜Scientific integrity, public policy and water governanceâ€™. Australian Journal of Water Resources, 2021, 25, 141-158.	1.6	5
43	Changes in Vegetation and Geomorphological Condition 10 Years after Riparian Restoration. Water (Switzerland), 2019, 11, 1252.	1.2	4
44	Multiple Lines of Evidence Indicate Limited Natural Recruitment of Golden Perch (Macquaria ambigua) in the Highly Regulated Lachlan River. Water (Switzerland), 2020, 12, 1636.	1.2	4
45	Genetic diversity and gene flow patterns in two riverine plant species with contrasting life-history traits and distributions across a large inland floodplain. Australian Journal of Botany, 2020, 68, 384.	0.3	4
46	Responses of nitre goosefoot (Chenopodium nitrariaceum) to simulated rainfall and depth and duration of experimental flooding. Marine and Freshwater Research, 2019, 70, 493.	0.7	3
47	Seed germination and dispersal of Eleocharis acuta and Eleocharis sphacelata under experimental hydrological conditions. Aquatic Ecology, 2021, 55, 21-32.	0.7	3
48	Multi-year pair-bonding in Murray cod (Maccullochella peelii). PeerJ, 2020, 8, e10460.	0.9	3
49	Rethinking Condition: Measuring and Evaluating Wetland Vegetation Responses to Water Management. Frontiers in Environmental Science, 2022, 9, .	1.5	3
50	Eastern Australian late Holocene paleotemperature variation inferred from borehole temperature data. Global and Planetary Change, 2018, 170, 234-245.	1.6	2
51	The response to environmental flows of a culturally significant flood-dependent species: Centipeda cunninghamii (Asteraceae). Marine and Freshwater Research, 2021, , .	0.7	2
52	Restoring cultural plant communities at sacred water sites. Australian Journal of Water Resources, 2021, 25, 70-79.	1.6	2
53	The role of fringing vegetation in supporting avian access to arid zone waterholes. Emu, 2022, 122, 1-15.	0.2	2
54	Have you checked for charcoal? Assessment of soil condition using soil organic carbon. European Journal of Soil Science, 2014, 65, 264-273.	1.8	1

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55	Organic carbon reservoirs in five small rivers across a land-use gradient. Marine and Freshwater Research, 2015, 66, 233.	0.7	1
56	Seed germination requirements of an Australian semi-arid floodplain Acacia species, Acacia stenophylla. Marine and Freshwater Research, 2022, , .	0.7	1
57	National Hydrological Associationsâ€"a new network to advance science, practice and capacity. Hydrological Sciences Journal, 2015, 60, 2214-2218.	1.2	0
58	How to strengthen interdisciplinarity in ecohydraulics? Outcomes from ISE 2018. Journal of Ecohydraulics, 2020, , 1-12.	1.6	0
59	Future environmental water management. , 2021, , 291-311.		0
60	Nutritional traits of riverine eucalypts across lowland catchments in southeastern Australia. Australian Journal of Botany, 2021, , .	0.3	0