

# 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	Blue, green and in-between: objectives and approaches for evaluating wetland flow regimes based on vegetation outcomes. <i>Marine and Freshwater Research</i> , 2022, 73, 1212-1224.	0.7	6
2	Rethinking Condition: Measuring and Evaluating Wetland Vegetation Responses to Water Management. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	3
3	Seed germination requirements of an Australian semi-arid floodplain <i>Acacia</i> species, <i>Acacia stenophylla</i> . <i>Marine and Freshwater Research</i> , 2022, , .	0.7	1
4	The role of fringing vegetation in supporting avian access to arid zone waterholes. <i>Emu</i> , 2022, 122, 1-15.	0.2	2
5	The Role of Environmental Water and Reedbed Condition on the Response of <i>Phragmites australis</i> Reedbeds to Flooding. <i>Remote Sensing</i> , 2022, 14, 1868.	1.8	6
6	Seed germination and dispersal of <i>Eleocharis acuta</i> and <i>Eleocharis sphacelata</i> under experimental hydrological conditions. <i>Aquatic Ecology</i> , 2021, 55, 21-32.	0.7	3
7	The response to environmental flows of a culturally significant flood-dependent species: <i>Centipeda cunninghamii</i> (Asteraceae). <i>Marine and Freshwater Research</i> , 2021, , .	0.7	2
8	Estimating the cover of <i>Phragmites australis</i> using unmanned aerial vehicles and neural networks in a semi-arid wetland. <i>River Research and Applications</i> , 2021, 37, 1312-1322.	0.7	13
9	Future environmental water management. , 2021, , 291-311.		0
10	The Biological Assessment and Rehabilitation of the World's Rivers: An Overview. <i>Water (Switzerland)</i> , 2021, 13, 371.	1.2	88
11	Restoring cultural plant communities at sacred water sites. <i>Australian Journal of Water Resources</i> , 2021, 25, 70-79.	1.6	2
12	The politicisation of science in the Murray-Darling Basin, Australia: discussion of "Scientific integrity, public policy and water governance". <i>Australian Journal of Water Resources</i> , 2021, 25, 141-158.	1.6	5
13	Nutritional traits of riverine eucalypts across lowland catchments in southeastern Australia. <i>Australian Journal of Botany</i> , 2021, , .	0.3	0
14	Impacts of water resource development on hydrological connectivity of different floodplain habitats in a highly variable system. <i>River Research and Applications</i> , 2020, 36, 542-552.	0.7	23
15	How to strengthen interdisciplinarity in ecohydraulics? Outcomes from ISE 2018. <i>Journal of Ecohydraulics</i> , 2020, , 1-12.	1.6	0
16	Learning from concurrent adaptive management in multiple catchments within a large environmental flows program in Australia. <i>River Research and Applications</i> , 2020, 36, 668-680.	0.7	14
17	Riverine landscapes, water resource development and management: A view from downunder. <i>River Research and Applications</i> , 2020, 36, 505-511.	0.7	7
18	Thermally-driven thresholds in terrestrial avifauna waterhole visitation indicate vulnerability to a warming climate. <i>Journal of Arid Environments</i> , 2020, 181, 104217.	1.2	8

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19	Multiple Lines of Evidence Indicate Limited Natural Recruitment of Golden Perch ( <i>Macquaria ambigua</i> ) in the Highly Regulated Lachlan River. <i>Water (Switzerland)</i> , 2020, 12, 1636.	1.2	4
20	Genetic diversity and gene flow patterns in two riverine plant species with contrasting life-history traits and distributions across a large inland floodplain. <i>Australian Journal of Botany</i> , 2020, 68, 384.	0.3	4
21	Multi-year pair-bonding in Murray cod ( <i>Maccullochella peelii</i> ). <i>PeerJ</i> , 2020, 8, e10460.	0.9	3
22	Changes in Vegetation and Geomorphological Condition 10 Years after Riparian Restoration. <i>Water (Switzerland)</i> , 2019, 11, 1252.	1.2	4
23	Sediment Respiration Pulses in Intermittent Rivers and Ephemeral Streams. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1251-1263.	1.9	48
24	Karyotypes and Sex Chromosomes in Two Australian Native Freshwater Fishes, Golden Perch ( <i>Macquaria ambigua</i> ) and Murray Cod ( <i>Maccullochella peelii</i> ) (Percichthyidae). <i>International Journal of Molecular Sciences</i> , 2019, 20, 4244.	1.8	7
25	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, <i>Macquaria ambigua</i> . <i>PLoS ONE</i> , 2019, 14, e0226365.	1.1	11
26	Responses of nitre goosefoot ( <i>Chenopodium nitriaceum</i> ) to simulated rainfall and depth and duration of experimental flooding. <i>Marine and Freshwater Research</i> , 2019, 70, 493.	0.7	3
27	Simulating rewetting events in intermittent rivers and ephemeral streams: A global analysis of leached nutrients and organic matter. <i>Global Change Biology</i> , 2019, 25, 1591-1611.	4.2	71
28	Interactions among stressors may be weak: Implications for management of freshwater macroinvertebrate communities. <i>Diversity and Distributions</i> , 2018, 24, 939-950.	1.9	25
29	A conceptual framework for ecological responses to groundwater regime alteration (FERGRA). <i>Ecohydrology</i> , 2018, 11, e2010.	1.1	21
30	Seed germination of tangled lignum ( <i>Duma florulenta</i> ) and nitre goosefoot ( <i>Chenopodium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 1268.	0.7	6
31	Eastern Australian late Holocene paleotemperature variation inferred from borehole temperature data. <i>Global and Planetary Change</i> , 2018, 170, 234-245.	1.6	2
32	A global analysis of terrestrial plant litter dynamics in non-perennial waterways. <i>Nature Geoscience</i> , 2018, 11, 497-503.	5.4	108
33	A framework to diagnose factors influencing proenvironmental behaviors in water-sensitive urban design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7690-E7699.	3.3	12
34	Realizing modelling outcomes: A synthesis of success factors and their use in a retrospective analysis of 15 Australian water resource projects. <i>Environmental Modelling and Software</i> , 2017, 94, 63-72.	1.9	20
35	The imperative need for nationally coordinated bioassessment of rivers and streams. <i>Marine and Freshwater Research</i> , 2017, 68, 599.	0.7	26
36	Creating institutional flexibility for adaptive water management: insights from two management agencies. <i>Journal of Environmental Management</i> , 2017, 202, 188-197.	3.8	23

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37	Why groundwater matters: an introduction for policy-makers and managers. <i>Policy Studies</i> , 2017, 38, 447-461.	1.1	16
38	A note on communicating environmental change for non-market valuation. <i>Ecological Indicators</i> , 2017, 72, 165-172.	2.6	5
39	Late Holocene temperature variability in Tasmania inferred from borehole temperature data. <i>Climate of the Past</i> , 2017, 13, 559-572.	1.3	7
40	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. <i>Hydrological Sciences Journal</i> , 2016, 61, 2803-2817.	1.2	57
41	Looking beneath the surface: using hydrogeology and traits to explain flow variability effects on stream macroinvertebrates. <i>Ecohydrology</i> , 2016, 9, 1480-1495.	1.1	10
42	Establishing Environmental Water Requirements for the Murray-Darling Basin, Australia's Largest Developed River System. <i>River Research and Applications</i> , 2016, 32, 1153-1165.	0.7	75
43	Who's your mama? Riverine hybridisation of threatened freshwater Trout Cod and Murray Cod. <i>PeerJ</i> , 2016, 4, e2593.	0.9	18
44	National Hydrological Associations—a new network to advance science, practice and capacity. <i>Hydrological Sciences Journal</i> , 2015, 60, 2214-2218.	1.2	0
45	Groundwater salinization intensifies drought impacts in forests and reduces refuge capacity. <i>Journal of Applied Ecology</i> , 2015, 52, 1116-1125.	1.9	12
46	Discretization of continuous predictor variables in Bayesian networks: An ecological threshold approach. <i>Environmental Modelling and Software</i> , 2015, 66, 36-45.	1.9	15
47	The influence of differing protected area status and environmental factors on the macroinvertebrate fauna of temperate austral wetlands. <i>Global Ecology and Conservation</i> , 2015, 4, 277-290.	1.0	5
48	Organic carbon reservoirs in five small rivers across a land-use gradient. <i>Marine and Freshwater Research</i> , 2015, 66, 233.	0.7	1
49	Have you checked for charcoal? Assessment of soil condition using soil organic carbon. <i>European Journal of Soil Science</i> , 2014, 65, 264-273.	1.8	1
50	The effects of climate change on ecologically-relevant flow regime and water quality attributes. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 67-82.	1.9	59
51	Historical Land-Use Influences the Long-Term Stream Turbidity Response to a Wildfire. <i>Environmental Management</i> , 2014, 53, 393-400.	1.2	6
52	Environmental flows for natural, hybrid, and novel riverine ecosystems in a changing world. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 466-473.	1.9	289
53	Groundwater decline and tree change in floodplain landscapes: Identifying non-linear threshold responses in canopy condition. <i>Global Ecology and Conservation</i> , 2014, 2, 148-160.	1.0	42
54	Cotton-strip decomposition rate as a river condition indicator — Diel temperature range and deployment season and length also matter. <i>Ecological Indicators</i> , 2014, 45, 508-521.	2.6	12

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55	Contribution of national bioassessment approaches for assessing ecological water security: an AUSRIVAS case study. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 669-687.	3.3	21
56	Very-broad-scale assessment of human impacts on river condition. <i>Freshwater Biology</i> , 2007, 52, 959-976.	1.2	60
57	Effects of spatial and temporal variation in hydraulic conditions on metabolism in cobble biofilm communities in an Australian upland stream. <i>Journal of the North American Benthological Society</i> , 2006, 25, 756-767.	3.0	17
58	Managing river flows for hydraulic diversity: an example of an upland regulated gravel-bed river. <i>River Research and Applications</i> , 2006, 22, 257-267.	0.7	39
59	Identifying the influence of channel morphology on physical habitat availability for native fish: application to the two-spined blackfish ( <i>Gadopsis bispinosus</i> ) in the Cotter River, Australia. <i>Marine and Freshwater Research</i> , 2004, 55, 173.	0.7	31
60	The effects of grain abrasion and disaggregation on concentrations in different size fractions of soils developed on three different rock types. <i>Catena</i> , 1999, 36, 143-151.	2.2	14