Nick Bond

List of Publications by Year
in descending order

101 papers	5,684 citations	101535 36 h-index	82542 72 g-index
106 all docs	106 docs citations	106 times ranked	6339 citing authors

#	Article	IF	Citations
1	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.	1.3	6
2	Small artificial impoundments have big implications for hydrology and freshwater biodiversity. Frontiers in Ecology and the Environment, 2022, 20, 141-146.	4.0	18
3	Fragmentation of lateral connectivity and fish population dynamics in large rivers. Fish and Fisheries, 2022, 23, 680-696.	5.3	13
4	Water-based assets of the Murrayâ€“Darling Basin and their ecological condition. , 2021, , 75-93.		0
5	Long-term acoustic telemetry reveals limited movement of fish in an unregulated, perennial river. Marine and Freshwater Research, 2021, 72, 1474.	1.3	2
6	The way forward: Continuing policy and management reforms in the Murrayâ€“Darling Basin. , 2021, , 389-429.		3
7	Modeling effects of disturbance across life history strategies of stream fishes. Oecologia, 2021, 196, 413-425.	2.0	1
8	Understanding and managing the interactive impacts of growth in urban land use and climate change on freshwater biota: a case study using the platypus (Ornithorhynchus anatinus). Global Change Biology, 2021, , .	9.5	1
9	Reservoir to river: Quantifying fineâ€scale fish movements after translocation. Ecology of Freshwater Fish, 2020, 29, 89-102.	1.4	16
10	Research priorities for natural ecosystems in a changing global climate. Global Change Biology, 2020, 26, 410-416.	9.5	21
11	Dissolved organic matter and metabolic dynamics in dryland lowland rivers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117871.	3.9	8
12	Stageâ€dependent effects of river flow and temperature regimes on the growth dynamics of an apex predator. Global Change Biology, 2020, 26, 6880-6894.	9.5	7
13	Effects of a low-head weir on multi-scaled movement and behavior of three riverine fish species. Scientific Reports, 2020, 10, 6817.	3.3	22
14	The use of fatty acids to identify food sources of secondary consumers in wetland mesocosms. Journal of Freshwater Ecology, 2020, 35, 173-189.	1.2	5
15	Basal resource quality and energy sources in three habitats of a lowland river ecosystem. Limnology and Oceanography, 2020, 65, 2757-2771.	3.1	12
16	Evaluating a landscape-scale daily water balance model to support spatially continuous representation of flow intermittency throughout stream networks. Hydrology and Earth System Sciences, 2020, 24, 5279-5295.	4.9	10
17	Macroecology of fish community biomassâ€‰â€“â€‰size structure: effects of invasive species and river regulation. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 109-122.	1.4	13
18	Development and Application of Predictive Models of Surface Water Extent to Identify Aquatic Refuges in Eastern Australian Temporary Stream Networks. Water Resources Research, 2019, 55, 9639-9655.	4.2	10

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19	Sediment Respiration Pulses in Intermittent Rivers and Ephemeral Streams. Global Biogeochemical Cycles, 2019, 33, 1251-1263.	4.9	48
20	Modeling Flow-Ecology Responses in the Anthropocene: Challenges for Sustainable Riverine Management. BioScience, 2019, 69, 789-799.	4.9	57
21	Prepare river ecosystems for an uncertain future. Nature, 2019, 570, 301-303.	27.8	142
22	Age structure of the Australian lungfish (Neoceratodus forsteri). PLoS ONE, 2019, 14, e0210168.	2.5	4
23	Coupling environment and physiology to predict effects of climate change on the taxonomic and functional diversity of fish assemblages in the Murray-Darling Basin, Australia. PLoS ONE, 2019, 14, e0225128.	2.5	17
24	Water Scarcity as a Driver of Multiple Stressor Effects. , 2019, , 111-129.		28
25	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.	9.5	71
26	Towards a systems approach for river basin managementâ€"Lessons from <scp>A</scp>ustralia's largest river. River Research and Applications, 2019, 35, 466-475.	1.7	27
27	Climate variability regulates population dynamics of a threatened freshwater fish. Endangered Species Research, 2019, 40, 257-270.	2.4	3
28	Quantifying spatial and temporal patterns of flow intermittency using spatially contiguous runoff data. Journal of Hydrology, 2018, 559, 861-872.	5.4	26
29	Assessment of environmental flow scenarios using stateâ€andâ€transition models. Freshwater Biology, 2018, 63, 804-816.	2.4	29
30	Science to support the management of riverine flows. Freshwater Biology, 2018, 63, 996-1010.	2.4	28
31	Groundwater supports intermittent-stream food webs. Freshwater Science, 2018, 37, 42-53.	1.8	10
32	Alternatives to biodiversity offsets for mitigating the effects of urbanization on stream ecosystems. Conservation Biology, 2018, 32, 789-797.	4.7	8
33	Institutional impediments to conservation of freshwater dependent ecosystems. Science of the Total Environment, 2018, 621, 407-416.	8.0	2
34	Informing Environmental Water Management Decisions: Using Conditional Probability Networks to Address the Information Needs of Planning and Implementation Cycles. Environmental Management, 2018, 61, 347-357.	2.7	25
35	A global analysis of terrestrial plant litter dynamics in non-perennial waterways. Nature Geoscience, 2018, 11, 497-503.	12.9	108
36	Monitoring ageâ€related trends in genomic diversity of Australian lungfish. Molecular Ecology, 2018, 27, 3231-3241.	3.9	8

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37	Environmental Flows: Environmental Watering. , 2018, , 1865-1868.		0
38	Regionalâ€scale extremes in river discharge and localised spawning stock abundance influence recruitment dynamics of a threatened freshwater fish. Ecohydrology, 2017, 10, e1842.	2.4	11
39	Confronting the risks of large-scale invasive species control. Nature Ecology and Evolution, 2017, 1, 172.	7.8	71
40	Prediction of Hydrologic Characteristics for Ungauged Catchments to Support Hydroecological Modeling. Water Resources Research, 2017, 53, 8781-8794.	4.2	16
41	Environmental and Ecological Effects of Flow Alteration in Surface Water Ecosystems. , 2017, , 65-82.		26
42	Modelling food-web mediated effects of hydrological variability and environmental flows. Water Research, 2017, 124, 108-128.	11.3	26
43	A framework for evaluating food-web responses to hydrological manipulations in riverine systems. Journal of Environmental Management, 2017, 203, 136-150.	7.8	11
44	Restoration Ecology of Intermittent Rivers and Ephemeral Streams. , 2017, , 509-533.		8
45	High rates of organic carbon processing in the hyporheic zone of intermittent streams. Scientific Reports, 2017, 7, 13198.	3.3	38
46	Research Priorities to Improve Future Environmental Water Outcomes. Frontiers in Environmental Science, 2017, 5, .	3.3	35
47	Design of a National River Health Assessment Program for China. , 2017, , 321-339.		2
48	Go with the flow: the movement behaviour of fish from isolated waterhole refugia during connecting flow events in an intermittent dryland river. Freshwater Biology, 2016, 61, 1242-1258.	2.4	63
49	Species distributions represent intraspecific genetic diversity of freshwater fish in conservation assessments. Freshwater Biology, 2016, 61, 1707-1719.	2.4	12
50	Restoring dissolved organic carbon subsidies from floodplains to lowland river food webs: a role for environmental flows?. Marine and Freshwater Research, 2016, 67, 1387.	1.3	24
51	Environmental Flows: Environmental Watering. , 2016, , 1-4.		1
52	When trends intersect: The challenge of protecting freshwater ecosystems under multiple land use and hydrological intensification scenarios. Science of the Total Environment, 2015, 534, 65-78.	8.0	105
53	Regime shifts, thresholds and multiple stable states in freshwater ecosystems; a critical appraisal of the evidence. Science of the Total Environment, 2015, 534, 122-130.	8.0	146
54	Fish population persistence in hydrologically variable landscapes. Ecological Applications, 2015, 25, 901-913.	3.8	39

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55	Does flood rhythm drive ecosystem responses in tropical riverscapes?. Ecology, 2015, 96, 684-692.	3.2	77
56	Reservoir refilling enhances growth and recruitment of an endangered remnant riverine fish. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1888-1899.	1.4	14
57	Ecological risks and opportunities from engineered artificial flooding as a means of achieving environmental flow objectives. Frontiers in Ecology and the Environment, 2014, 12, 386-394.	4.0	75
58	Dispersal and recruitment of fish in an intermittent stream network. Austral Ecology, 2014, 39, 225-235.	1.5	24
59	Incorporating climate change in conservation planning for freshwater fishes. Diversity and Distributions, 2014, 20, 931-942.	4.1	37
60	Identifying effective waterâ€•management strategies in variable climates using population dynamics models. Journal of Applied Ecology, 2013, 50, 691-701.	4.0	34
61	Does seasonal flooding give a native species an edge over a global invader?. Freshwater Biology, 2013, 58, 159-170.	2.4	20
62	Brave new green world â€“ Consequences of a carbon economy for the conservation of Australian biodiversity. Biological Conservation, 2013, 161, 71-90.	4.1	61
63	Intraspecific variation in the growth and survival of juvenile fish exposed to <scp>E</scp>ucalyptus leachate. Ecology and Evolution, 2013, 3, 3855-3867.	1.9	14
64	Population structure of sexually reproducing carp gudgeons: does a metapopulation offer refuge from sexual parasitism?. Marine and Freshwater Research, 2013, 64, 223.	1.3	6
65	Putting the â€œEcologyâ€•into Environmental Flows: Ecological Dynamics and Demographic Modelling. Environmental Management, 2012, 50, 1-10.	2.7	89
66	The influences of climatic variation and vegetation on stream biota: lessons from the <scp>B</scp>ig <scp>D</scp>ry in southeastern <scp>A</scp>ustralia. Global Change Biology, 2012, 18, 1582-1596.	9.5	68
67	Spatial variation in egg size and egg number reflects tradeâ€•offs and betâ€•hedging in a freshwater fish. Journal of Animal Ecology, 2012, 81, 806-817.	2.8	84
68	Using species distribution models to infer potential climate change-induced range shifts of freshwater fish in south-eastern Australia. Marine and Freshwater Research, 2011, 62, 1043.	1.3	119
69	Detecting range shifts among Australian fishes in response to climate change. Marine and Freshwater Research, 2011, 62, 1027.	1.3	125
70	Climate-change threats to native fish in degraded rivers and floodplains of the Murrayâ€“Darling Basin, Australia. Marine and Freshwater Research, 2011, 62, 1099.	1.3	68
71	Comparing food-web impacts of a native invertebrate and an invasive fish as predators in small floodplain wetlands. Marine and Freshwater Research, 2011, 62, 372.	1.3	19
72	Eucalyptus leachate inhibits reproduction in a freshwater fish. Freshwater Biology, 2011, 56, 1736-1745.	2.4	18

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73	Cytonuclear evidence for hybridogenetic reproduction in natural populations of the Australian carp gudgeon (Hypseleotris: Eleotridae). Molecular Ecology, 2011, 20, 3367-3380.	3.9	43
74	Examining the ecological consequences of restoring flow intermittency to artificially perennial lowland streams: Patterns and predictions from the Brokenâ€"Boosey creek system in northern Victoria, Australia. River Research and Applications, 2010, 26, 529-545.	1.7	36
75	BIODIVERSITY RESEARCH: Conserving macroinvertebrate diversity in headwater streams: the importance of knowing the relative contributions of Î± and Î² diversity. Diversity and Distributions, 2010, 16, 725-736.	4.1	42
76	Modelling the impacts of flow regulation on fish distributions in naturally intermittent lowland streams: an approach for predicting restoration responses. Freshwater Biology, 2010, 55, 1997-2010.	2.4	17
77	Nuptial coloration varies with ambient light environment in a freshwater fish. Journal of Evolutionary Biology, 2010, 23, 2718-2725.	1.7	55
78	Using biological information to support proactive strategies for managing freshwater fish during drought. Marine and Freshwater Research, 2010, 61, 379.	1.3	52
79	Flow permanence affects aquatic macroinvertebrate diversity and community structure in three headwater streams in a forested catchment. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1649-1657.	1.4	38
80	Spatially explicit modeling of habitat dynamics and fish population persistence in an intermittent lowland stream. , 2009, 19, 731-746.		49
81	An Asset-based, Holistic, Environmental Flows Assessment Approach. International Journal of Water Resources Development, 2009, 25, 301-330.	2.0	12
82	The impacts of drought on freshwater ecosystems: an Australian perspective. Hydrobiologia, 2008, 600, 3-16.	2.0	435
83	A field and experimental study on the tolerances of fish to Eucalyptus camaldulensis leachate and low dissolved oxygen concentrations. Marine and Freshwater Research, 2008, 59, 177.	1.3	51
84	Macroinvertebrate diversity in headwater streams: a review. Freshwater Biology, 2008, 53, 1707-1721.	2.4	349
85	Climate change and the world's river basins: anticipating management options. Frontiers in Ecology and the Environment, 2008, 6, 81-89.	4.0	711
86	Australian futures: Freshwater ecosystems and human water usage. Futures, 2007, 39, 288-305.	2.5	48
87	Bayesian clustering with AutoClass explicitly recognises uncertainties in landscape classification. Ecography, 2007, 30, 526-536.	4.5	24
88	Linking ecological theory with stream restoration. Freshwater Biology, 2007, 52, 597-615.	2.4	489
89	Bayesian clustering with AutoClass explicitly recognises uncertainties in landscape classification. Ecography, 2007, 30, 526-536.	4.5	2
90	Floods Down Rivers: From Damaging to Replenishing Forces. Advances in Ecological Research, 2006, 39, 41-62.	2.7	33

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91	Effects of sand sedimentation on the macroinvertebrate fauna of lowland streams: are the effects consistent?. Freshwater Biology, 2006, 51, 144-160.	2.4	38
92	Colonisation of Introduced Timber by Algae and Invertebrates, and its Potential Role in Aquatic Ecosystem Restoration. Hydrobiologia, 2006, 556, 303-316.	2.0	30
93	Ecological Restoration and Large-Scale Ecological Disturbance: The Effects of Drought on the Response by Fish to a Habitat Restoration Experiment. Restoration Ecology, 2005, 13, 39-48.	2.9	92
94	Spatial variation in fine sediment transport in small upland streams: the effects of flow regulation and catchment geology. River Research and Applications, 2004, 20, 705-717.	1.7	18
95	Local habitat restoration in streams: Constraints on the effectiveness of restoration for stream biota. Ecological Management and Restoration, 2003, 4, 193-198.	1.5	229
96	Characterizing fish-habitat associations in streams as the first step in ecological restoration. Austral Ecology, 2003, 28, 611-621.	1.5	118
97	The independent and interactive effects of fine sediment and flow on benthic invertebrate communities characteristic of small upland streams. Freshwater Biology, 2003, 48, 455-465.	2.4	104
98	A simple device for estimating rates of fine sediment transport along the bed of shallow streams. Hydrobiologia, 2002, 468, 155-161.	2.0	10
99	Flow-related disturbance in streams: an experimental test of the role of rock movement in reducing macroinvertebrate population densities. Marine and Freshwater Research, 2000, 51, 333.	1.3	41
100	Whatâ€™s in a site? Variation in lotic macroinvertebrate density and diversity in a spatially replicated experiment. Austral Ecology, 2000, 25, 128-139.	1.5	64
101	Dispersal of organisms in a patchy stream environment under different settlement scenarios. Journal of Animal Ecology, 2000, 69, 608-619.	2.8	47