Alex A Bush

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Incorporating evolutionary adaptation in species distribution modelling reduces projected vulnerability to climate change. Ecology Letters, 2016, 19, 1468-1478.	6.4	200
2	Connecting Earth observation to high-throughput biodiversity data. Nature Ecology and Evolution, 2017, 1, 176.	7.8	156
3	Essential Biodiversity Variables for measuring change in global freshwater biodiversity. Biological Conservation, 2017, 213, 272-279.	4.1	114
4	Studying Ecosystems With DNA Metabarcoding: Lessons From Biomonitoring of Aquatic Macroinvertebrates. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	85
5	Ecological effects of extreme climatic events on riverine ecosystems: insights from <scp>A</scp> ustralia. Freshwater Biology, 2015, 60, 2620-2638.	2.4	72
6	Key Questions for Next-Generation Biomonitoring. Frontiers in Environmental Science, 2020, 7, .	3.3	68
7	Downscaling landâ€use data to provide global 30″ estimates of five landâ€use classes. Ecology and Evolution, 2016, 6, 3040-3055.	1.9	64
8	Dragonflies: climate canaries for river management. Diversity and Distributions, 2013, 19, 86-97.	4.1	53
9	DNA metabarcoding reveals metacommunity dynamics in a threatened boreal wetland wilderness. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8539-8545.	7.1	50
10	Function of bright coloration in the wasp spider <i>Argiope bruennichi</i> (Araneae: Araneidae). Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1337-1342.	2.6	49
11	Continental-Scale Assessment of Risk to the Australian Odonata from Climate Change. PLoS ONE, 2014, 9, e88958.	2.5	42
12	Freshwater conservation planning under climate change: demonstrating proactive approaches for Australian Odonata. Journal of Applied Ecology, 2014, 51, 1273-1281.	4.0	39
13	Network-Based Biomonitoring: Exploring Freshwater Food Webs With Stable Isotope Analysis and DNA Metabarcoding. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	31
14	Determining vulnerability of stream communities to climate change at the landscape scale. Freshwater Biology, 2012, 57, 1689-1701.	2.4	30
15	Current Uses of Beta-Diversity in Biodiversity Conservation: A response to Socolar et al Trends in Ecology and Evolution, 2016, 31, 337-338.	8.7	27
16	Truncation of thermal tolerance niches among Australian plants. Global Ecology and Biogeography, 2018, 27, 22-31.	5.8	27
17	Qualifying the effects of single and multiple stressors on the food web structure of Dutch drainage ditches using a literature review and conceptual models. Science of the Total Environment, 2019, 684, 727-740.	8.0	27
18	Does dispersal capacity matter for freshwater biodiversity under climate change?. Freshwater Biology, 2017, 62, 382-396.	2.4	25

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19	Linking DNA Metabarcoding and Text Mining to Create Network-Based Biomonitoring Tools: A Case Study on Boreal Wetland Macroinvertebrate Communities. Advances in Ecological Research, 2018, 59, 33-74.	2.7	25
20	Towards a general framework for the assessment of interactive effects of multiple stressors on aquatic ecosystems: Results from the Making Aquatic Ecosystems Great Again (MAEGA) workshop. Science of the Total Environment, 2019, 684, 722-726.	8.0	22
21	Climate change decouples marine and freshwater habitats of a threatened migratory fish. Diversity and Distributions, 2017, 23, 751-760.	4.1	13
22	Testing for taxonomic bias in the future diversity of Australian Odonata. Diversity and Distributions, 2014, 20, 1016-1028.	4.1	11
23	Incorporating habitat suitability into community projections: Ant responses to climate change in the Australian Wet Tropics. Diversity and Distributions, 2019, 25, 1273-1288.	4.1	9
24	Community assembly processes restrict the capacity for genetic adaptation under climate change. Ecography, 2019, 42, 1164-1174.	4.5	6
25	Incorporating existing thermal tolerance into projections of compositional turnover under climate change. Clobal Ecology and Biogeography, 2019, 28, 851-861.	5.8	5
26	Freshwater Reptile Persistence and Conservation in Cities: Insights from Species Occurrence Records. Water (Switzerland), 2020, 12, 651.	2.7	5