Shane A Blowes

List of Publications by Citations

32 papers	1,022 citations	13 h-index	31 g-index
36 ext. papers	1,616 ext. citations	9.4 avg, IF	4.43 L-index

#	Paper	IF	Citations
32	The geography of biodiversity change in marine and terrestrial assemblages. *Science*, **2019**, 366, 339-345	33.3	176
31	BioTIME: A database of biodiversity time series for the Anthropocene. *Global Ecology and Biogeography*, **2018**, 27, 760-786	6.1	153
30	Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities. *Ecology Letters*, **2018**, 21, 1737-1751	10	117
29	Species richness change across spatial scales. *Oikos*, **2019**, 128, 1079-1091	4	78
28	Ecosystem decay exacerbates biodiversity loss with habitat loss. *Nature*, **2020**, 584, 238-243	50.4	78
27	Macroecology to Unite All Life, Large and Small. *Trends in Ecology and Evolution*, **2018**, 33, 731-744	10.9	67
26	Measurement of Biodiversity (MoB): A method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change. *Methods in Ecology and Evolution*, **2019**, 10, 258-269	7.7	58
25	Temperature-related biodiversity change across temperate marine and terrestrial systems. *Nature Ecology and Evolution*, **2020**, 4, 927-933	12.3	56
24	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. *People and Nature*, **2020**, 2, 380-394	5.9	56
23	Landscape-scale forest loss as a catalyst of population and biodiversity change. *Science*, **2020**, 368, 1341-1347	33.4	34
22	Heterospecific aggression and dominance in a guild of coral-feeding fishes: the roles of dietary ecology and phylogeny. *American Naturalist*, **2013**, 182, 157-68	3.7	30
21	Risk spreading, connectivity, and optimal reserve spacing **2012**, 22, 311-21		24
20	A geometric basis for surface habitat complexity and biodiversity. *Nature Ecology and Evolution*, **2020**, 4, 1495-1501	12.3	14
19	Global reef fish richness gradients emerge from divergent and scale-dependent component changes. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	11
18	Reducing dispersal limitation via seed addition increases species richness but not above-ground biomass. *Ecology Letters*, **2020**, 23, 1442-1450	10	9
17	Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance. *Journal of Applied Ecology*, **2020**, 57, 578-589	5.8	8
16	Effects of site-selection bias on estimates of biodiversity change. *Conservation Biology*, **2021**, 35, 688-698	8	8

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15	Remarkable size-spectra stability in a marine system undergoing massive invasion. *Biology Letters*, **2017**, 13,	3.6	7
14	Experimental evaluation of diversity-productivity relationships in a coral reef fish assemblage. *Oecologia*, **2014**, 176, 237-49	2.9	5
13	A closer examination of the abundant centre hypothesis for reef fishes. *Journal of Biogeography*, **2020**, 47, 2194-2209	4.1	5
12	A multiscale framework for disentangling the roles of evenness, density, and aggregation on diversity gradients. *Ecology*, **2021**, 102, e03233	4.6	5
11	Synthesis reveals that island species area relationships emerge from processes beyond passive sampling. *Global Ecology and Biogeography*, **2021**, 30, 2119-2131	6.1	4
10	A synthesis of land use impacts on stream biodiversity across metrics and scales. *Ecology*, **2021**, 102, e03498	4.6	4
9	FragSAD: A database of diversity and species abundance distributions from habitat fragments. *Ecology*, **2019**, 100, e02861	4.6	3
8	Aggression, interference, and the functional response of coral-feeding butterflyfishes. *Oecologia*, **2017**, 184, 675-684	2.9	2
7	Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities		2
6	MoB (Measurement of Biodiversity): a method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change		2
5	Landscape-scale forest loss as a catalyst of population and biodiversity change		2
4	No change in subordinate butterflyfish diets following removal of behaviourally dominant species. *Coral Reefs*, **2017**, 36, 213-222	4.2	1
3	Using coverage-based rarefaction to infer non-random species distributions. *Ecosphere*, **2021**, 12, e03745	3.1	1
2	Quantifying effort needed to estimate species diversity from citizen science data. *Ecosphere*, **2022**, 13,	3.1	1
1	Long-term changes in temperate marine fish assemblages are driven by a small subset of species. *Global Change Biology*, **2022**, 28, 46-53	11.4	0