Adam B Smith

List of Publications by Year
in descending order

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34 papers	3,580 citations	279798 23 h-index	395702 33 g-index
38 all docs	38 docs citations	38 times ranked	6434 citing authors

#	Article	IF	Citations
1	Approaching a state shift in Earthâ€™s biosphere. Nature, 2012, 486, 52-58.	27.8	1,518
2	Should we expect population thresholds for wildlife disease?. Trends in Ecology and Evolution, 2005, 20, 511-519.	8.7	403
3	MAXIMUM ENTROPY AND THE STATE-VARIABLE APPROACH TO MACROECOLOGY. Ecology, 2008, 89, 2700-2711.	3.2	193
4	Biodiversity scales from plots to biomes with a universal speciesâ€“area curve. Ecology Letters, 2009, 12, 789-797.	6.4	172
5	The debt of nations and the distribution of ecological impacts from human activities. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1768-1773.	7.1	165
6	Niche Estimation Above and Below the Species Level. Trends in Ecology and Evolution, 2019, 34, 260-273.	8.7	139
7	A THEORY OF SPATIAL STRUCTURE IN ECOLOGICAL COMMUNITIES AT MULTIPLE SPATIAL SCALES. Ecological Monographs, 2005, 75, 179-197.	5.4	81
8	The fate of Madagascarâ€™s rainforest habitat. Nature Climate Change, 2020, 10, 89-96.	18.8	71
9	Scale as a lurking factor: incorporating scaleâ€dependence in experimental ecology. Oikos, 2009, 118, 1284-1291.	2.7	67
10	Characterizing scaleâ€dependent community assembly using the functionalâ€diversityâ€“area relationship. Ecology, 2013, 94, 2392-2402.	3.2	63
11	Delineating probabilistic species pools in ecology and biogeography. Global Ecology and Biogeography, 2016, 25, 489-501.	5.8	57
12	On evaluating species distribution models with random background sites in place of absences when test presences disproportionately sample suitable habitat. Diversity and Distributions, 2013, 19, 867-872.	4.1	55
13	Caution with curves: Caveats for using the speciesâ€“area relationship in conservation. Biological Conservation, 2010, 143, 555-564.	4.1	51
14	Upscaling biodiversity: estimating the speciesâ€“area relationship from small samples. Ecological Monographs, 2018, 88, 170-187.	5.4	49
15	Testing the ability of species distribution models to infer variable importance. Ecography, 2020, 43, 1801-1813.	4.5	48
16	Evaluation of species distribution models by resampling of sites surveyed a century ago by Joseph Grinnell. Ecography, 2013, 36, 1017-1031.	4.5	46
17	Anthropogenic refugia ameliorate the severe climate-related decline of a montane mammal along its trailing edge. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4279-4286.	2.6	43
18	Consumptionâ€Based Conservation Targeting: Linking Biodiversity Loss to Upstream Demand through a Global Wildlife Footprint. Conservation Letters, 2017, 10, 531-538.	5.7	38

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19	Life at the top: Long-term demography, microclimatic refugia, and responses to climate change for a high-elevation southern Appalachian endemic plant. Biological Conservation, 2016, 200, 80-92.	4.1	37
20	Alternatives to genetic affinity as a context for within-species response to climate. Nature Climate Change, 2019, 9, 787-794.	18.8	37
21	Phenotypic distribution models corroborate species distribution models: A shift in the role and prevalence of a dominant prairie grass in response to climate change. Global Change Biology, 2017, 23, 4365-4375.	9.5	36
22	The role of land use and land cover change in climate change vulnerability assessments of biodiversity: a systematic review. Landscape Ecology, 2021, 36, 3367-3382.	4.2	28
23	Reciprocal transplant gardens as gold standard to detect local adaptation in grassland species: New opportunities moving into the 21st century. Journal of Ecology, 2022, 110, 1054-1071.	4.0	25
24	The relative influence of change in habitat and climate on elevation range limits in small mammals in Yosemite National Park, California, U.S.A.. Climate Change Responses, 2017, 4, .	2.6	24
25	Local adaptation, genetic divergence, and experimental selection in a foundation grass across the US Great Plainsâ€™ climate gradient. Global Change Biology, 2019, 25, 850-868.	9.5	24
26	A systematic assessment of threats affecting the rare plants of the United States. Biological Conservation, 2016, 203, 260-267.	4.1	20
27	The relative influence of temperature, moisture and their interaction on range limits of mammals over the past century. Global Ecology and Biogeography, 2013, 22, 334-343.	5.8	19
28	Inference of biogeographic history by formally integrating distinct lines of evidence: genetic, environmental niche and fossil. Ecography, 2019, 42, 1991-2011.	4.5	19
29	Accounting for imperfect detection in data from museums and herbaria when modeling species distributions: combining and contrasting dataâ€level versus modelâ€level bias correction. Ecography, 2021, 44, 1341-1352.	4.5	12
30	Shifting targets: spatial priorities for ex situ plant conservation depend on interactions between current threats, climate change, and uncertainty. Biodiversity and Conservation, 2016, 25, 905-922.	2.6	10
31	Conservation Status and Threat Assessments for North American Crop Wild Relatives. , 2018, , 189-208.		7
32	The phylogeographic history of a range disjunction in eastern North America: the role of postâ€glacial expansion into newly suitable habitat. American Journal of Botany, 2021, 108, 1042-1057.	1.7	7
33	What can community ecologists learn from species distribution models?. Ecosphere, 2021, 12, .	2.2	6
34	Climate change is associated with increased allocation to potential outcrossing in a common mixed mating species. American Journal of Botany, 2022, 109, 1085-1096.	1.7	5