Jessica Blois

List of Publications by Year
in descending order

47 papers	4,580 citations	172457 29 h-index	223800 46 g-index
50 all docs	50 docs citations	50 times ranked	8430 citing authors

#	Article	IF	Citations
1	Climate Change and the Past, Present, and Future of Biotic Interactions. Science, 2013, 341, 499-504.	12.6	612
2	Space can substitute for time in predicting climate-change effects on biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9374-9379.	7.1	551
3	Global climate evolution during the last deglaciation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1134-42.	7.1	422
4	Climate refugia: joint inference from fossil records, species distribution models and phylogeography. New Phytologist, 2014, 204, 37-54.	7.3	361
5	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. Science, 2017, 355, .	12.6	260
6	Noâ€analog climates and shifting realized niches during the late quaternary: implications for 21stâ€century predictions by species distribution models. Global Change Biology, 2012, 18, 1698-1713.	9.5	243
7	Small mammal diversity loss in response to late-Pleistocene climatic change. Nature, 2010, 465, 771-774.	27.8	211
8	The Neotoma Paleoecology Database, a multiproxy, international, community-curated data resource. Quaternary Research, 2018, 89, 156-177.	1.7	210
9	Mammalian Response to Cenozoic Climatic Change. Annual Review of Earth and Planetary Sciences, 2009, 37, 181-208.	11.0	171
10	Holocene shifts in the assembly of plant and animal communities implicate human impacts. Nature, 2016, 529, 80-83.	27.8	147
11	Community ecology in a changing environment: Perspectives from the Quaternary. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4915-4921.	7.1	139
12	Extrinsic and intrinsic forcing of abrupt ecological change: case studies from the late Quaternary. Journal of Ecology, 2011, 99, 664-677.	4.0	117
13	Modeling Species and Community Responses to Past, Present, and Future Episodes of Climatic and Ecological Change. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 343-368.	8.3	107
14	A methodological framework for assessing and reducing temporal uncertainty in paleovegetation mapping from late-Quaternary pollen records. Quaternary Science Reviews, 2011, 30, 1926-1939.	3.0	76
15	Range shifts in response to past and future climate change: Can climate velocities and speciesâ€™ dispersal capabilities explain variation in mammalian range shifts?. Journal of Biogeography, 2018, 45, 2175-2189.	3.0	74
16	Deposition times in the northeastern United States during the Holocene: establishing valid priors for Bayesian age models. Quaternary Science Reviews, 2012, 48, 54-60.	3.0	71
17	Downscaled and debiased climate simulations for North America from 21,000 years ago to 2100AD. Scientific Data, 2016, 3, 160048.	5.3	68
18	Predictability in community dynamics. Ecology Letters, 2017, 20, 293-306.	6.4	68

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19	Modeling the climatic drivers of spatial patterns in vegetation composition since the Last Glacial Maximum. Ecography, 2013, 36, 460-473.	4.5	57
20	A framework for evaluating the influence of climate, dispersal limitation, and biotic interactions using fossil pollen associations across the late Quaternary. Ecography, 2014, 37, 1095-1108.	4.5	57
21	Environmental influences on spatial and temporal patterns of bodyâ€size variation in California ground squirrels (<i>Spermophilus beecheyi</i>). Journal of Biogeography, 2008, 35, 602-613.	3.0	56
22	Controlled comparison of species- and community-level models across novel climates and communities. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152817.	2.6	50
23	How will climate novelty influence ecological forecasts? Using the Quaternary to assess future reliability. Global Change Biology, 2018, 24, 3575-3586.	9.5	47
24	Model systems for a noâ€analog future: species associations and climates during the last deglaciation. Annals of the New York Academy of Sciences, 2013, 1297, 29-43.	3.8	42
25	From card catalogs to computers: databases in vertebrate paleontology. Journal of Vertebrate Paleontology, 2013, 33, 13-28.	1.0	41
26	Multiresponse algorithms for communityâ€level modelling: Review of theory, applications, and comparison to species distribution models. Methods in Ecology and Evolution, 2018, 9, 834-848.	5.2	39
27	Understanding ecological change across large spatial, temporal and taxonomic scales: integrating data and methods in light of theory. Ecography, 2019, 42, 1247-1266.	4.5	38
28	A 2.5-million-year perspective on coarse-filter strategies for conserving nature's stage. Conservation Biology, 2015, 29, 640-648.	4.7	34
29	Reorganization of surviving mammal communities after the end-Pleistocene megafaunal extinction. Science, 2019, 365, 1305-1308.	12.6	33
30	Community functional trait composition at the continental scale: the effects of nonâ€ecological processes. Ecography, 2017, 40, 651-663.	4.5	25
31	The effect of large sample sizes on ecological niche models: Analysis using a North American rodent, Peromyscus maniculatus. Ecological Modelling, 2018, 386, 83-88.	2.5	22
32	Are geometric morphometric analyses replicable? Evaluating landmark measurement error and its impact on extant and fossil <i>Microtus</i> classification. Ecology and Evolution, 2020, 10, 3260-3275.	1.9	21
33	Southward Shift of the Pacific ITCZ During the Holocene. Paleoceanography and Paleoclimatology, 2018, 33, 1383-1395.	2.9	20
34	Community Assembly and Climate Mismatch in Late Quaternary Eastern North American Pollen Assemblages. American Naturalist, 2020, 195, 166-180.	2.1	18
35	Close agreement between pollenâ€based and forest inventoryâ€based models of vegetation turnover. Global Ecology and Biogeography, 2015, 24, 905-916.	5.8	16
36	CONSERVATION GENETICS OF THE SONOMA TREE VOLE (ARBORIMUS POMO) BASED ON MITOCHONDRIAL AND AMPLIFIED FRAGMENT LENGTH POLYMORPHISM MARKERS. Journal of Mammalogy, 2006, 87, 950-960.	1.3	10

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37	Radiocarbon Dates from the Pleistocene Fossil Deposits of Samwel Cave, Shasta County, California, USA. Radiocarbon, 2007, 49, 117-121.	1.8	9
38	Time to better integrate paleoecological research infrastructures with neoecology to improve understanding of biodiversity long-term dynamics and to inform future conservation. Environmental Research Letters, 2021, 16, 095005.	5.2	9
39	Body massâ€related changes in mammal community assembly patterns during the late Quaternary of North America. Ecography, 2021, 44, 56-66.	4.5	7
40	Occupancy models reveal regional differences in detectability and improve relative abundance estimations in fossil pollen assemblages. Quaternary Science Reviews, 2021, 253, 106747.	3.0	4
41	How foreign is the past?. Nature, 2016, 538, E1-E2.	27.8	3
42	Genome-wide genetic variation coupled with demographic and ecological niche modeling of the dusky-footed woodrat (Neotoma fuscipes) reveal patterns of deep divergence and widespread Holocene expansion across northern California. Heredity, 2021, 126, 521-536.	2.6	3
43	Integrating Paleoecological Databases. Eos, 2011, 92, 48-48.	0.1	2
44	Paleoecological changes at Lake Cuitzeo were not consistent with an extraterrestrial impact. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2243-E2243.	7.1	2
45	Lyons et al. reply. Nature, 2016, 538, E3-E4.	27.8	1
46	Once and Future Giants: What Ice Age Extinctions Tell Us about the Fate of Earth's Largest Animals. By Sharon Levy. Oxford and New York: Oxford University Press. $24.95. xvii + 255 p.; ill.; index. ISBN: 978-0-19-537012-6. 2011.. Quarterly Review of Biology, 2012, 87, 53-54.	0.1	0
47	Lyons et al. reply. Nature, 2016, 537, E5-E6.	27.8	0