Joshua J Tewksbury

List of Publications by Year
in descending order

66	13,302	61984	110387
papers	citations	43 h-index	64 g-index

67	67	67	16451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impacts of climate warming on terrestrial ectotherms across latitude. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6668-6672.	7.1	2,833
2	A framework for community interactions under climate change. Trends in Ecology and Evolution, 2010, 25, 325-331.	8.7	1,076
3	Putting the Heat on Tropical Animals. Science, 2008, 320, 1296-1297.	12.6	788
4	Increase in crop losses to insect pests in a warming climate. Science, 2018, 361, 916-919.	12.6	764
5	Why tropical forest lizards are vulnerable to climate warming. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1939-1948.	2.6	700
6	Big data and the future of ecology. Frontiers in Ecology and the Environment, 2013, 11, 156-162.	4.0	657
7	Are mountain passes higher in the tropics? janzen's hypothesis revisited. Integrative and Comparative Biology, 2006, 46, 5-17.	2.0	642
8	Do speciesâ€™ traits predict recent shifts at expanding range edges?. Ecology Letters, 2011, 14, 677-689.	6.4	452
9	Corridors affect plants, animals, and their interactions in fragmented landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12923-12926.	7.1	449
10	Effects of Landscape Corridors on Seed Dispersal by Birds. Science, 2005, 309, 146-148.	12.6	287
11	Directed deterrence by capsaicin in chillies. Nature, 2001, 412, 403-404.	27.8	275
12	Corridors Increase Plant Species Richness at Large Scales. Science, 2006, 313, 1284-1286.	12.6	273
13	Positive interactions under nurse-plants: spatial scale, stress gradients and benefactor size. Oecologia, 2001, 127, 425-434.	2.0	266
14	Natural History's Place in Science and Society. BioScience, 2014, 64, 300-310.	4.9	231
15	Set ambitious goals for biodiversity and sustainability. Science, 2020, 370, 411-413.	12.6	225
16	BREEDING PRODUCTIVITY DOES NOT DECLINE WITH INCREASING FRAGMENTATION IN A WESTERN LANDSCAPE. Ecology, 1998, 79, 2890-2903.	3.2	223
17	Ecological Connectivity for a Changing Climate. Conservation Biology, 2010, 24, 1686-1689.	4.7	172
18	Connectivity Planning to Address Climate Change. Conservation Biology, 2013, 27, 407-416.	4.7	164

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19	Climate change and community disassembly: impacts of warming on tropical and temperate montane community structure. Ecology Letters, 2011, 14, 1191-1200.	6.4	161
20	Evolutionary ecology of pungency in wild chilies. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11808-11811.	7.1	152
21	The movement ecology and dynamics of plant communities in fragmented landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19078-19083.	7.1	150
22	Landscape connectivity promotes plant biodiversity spillover into non-target habitats. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9328-9332.	7.1	149
23	How fragmentation and corridors affect wind dynamics and seed dispersal in open habitats. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3484-3489.	7.1	127
24	Can behavior douse the fire of climate warming?. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3647-3648.	7.1	122
25	LOW-QUALITY HABITAT CORRIDORS AS MOVEMENT CONDUITS FOR TWO BUTTERFLY SPECIES. , 2005, 15, 250-257.		115
26	Modelling longâ€distance seed dispersal in heterogeneous landscapes. Journal of Ecology, 2008, 96, 599-608.	4.0	112
27	The impact of seasonality in temperature on thermal tolerance and elevational range size. Ecology, 2014, 95, 2134-2143.	3.2	101
28	TESTS OF LANDSCAPE INFLUENCE: NEST PREDATION AND BROOD PARASITISM IN FRAGMENTED ECOSYSTEMS. Ecology, 2006, 87, 759-768.	3.2	100
29	Effects of Dispersal on Survival Probability of Adult Yellow Warblers (Dendroica Petechia). Auk, 2002, 119, 778-789.	1.4	95
30	Effects of an invasive predator cascade to plants via mutualism disruption. Nature Communications, 2017, 8, 14557.	12.8	95
31	Multiple natural enemies cause distanceâ€dependent mortality at the seedâ€toâ€seedling transition. Ecology Letters, 2014, 17, 593-598.	6.4	93
32	Ongoing accumulation of plant diversity through habitat connectivity in an 18-year experiment. Science, 2019, 365, 1478-1480.	12.6	92
33	A field test of the directed deterrence hypothesis in two species of wild chili. Oecologia, 2006, 150, 61-68.	2.0	91
34	Socio-Environmental Systems (SES) Research: what have we learned and how can we use this information in future research programs. Current Opinion in Environmental Sustainability, 2016, 19, 160-168.	6.3	89
35	Landscape corridors can increase invasion by an exotic species and reduce diversity of native species. Ecology, 2014, 95, 2033-2039.	3.2	69
36	Where did the Chili Get its Spice? Biogeography of Capsaicinoid Production in Ancestral Wild Chili Species. Journal of Chemical Ecology, 2006, 32, 547-564.	1.8	64

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37	â€˜Natural experimentâ€™ Demonstrates Top-Down Control of Spiders by Birds on a Landscape Level. PLoS ONE, 2012, 7, e43446.	2.5	62
38	Natural Experiment Demonstrates That Bird Loss Leads to Cessation of Dispersal of Native Seeds from Intact to Degraded Forests. PLoS ONE, 2013, 8, e65618.	2.5	60
39	COSTS AND BENEFITS OF CAPSAICIN-MEDIATED CONTROL OF GUT RETENTION IN DISPERSERS OF WILD CHILIES. Ecology, 2008, 89, 107-117.	3.2	59
40	When condition trumps location: seed consumption by fruitâ€eating birds removes pathogens and predator attractants. Ecology Letters, 2013, 16, 1031-1036.	6.4	57
41	A new method to track seed dispersal and recruitment using15N isotope enrichment. Ecology, 2009, 90, 3516-3525.	3.2	54
42	The influence of habitat fragmentation on multiple plantâ€“animal interactions and plant reproduction. Ecology, 2015, 96, 2669-2678.	3.2	53
43	Directness and tempo of avian seed dispersal increases emergence of wild chiltepins in desert grasslands. Journal of Ecology, 2014, 102, 248-255.	4.0	51
44	LATITUDINAL VARIATION IN SUBSPECIFIC DIVERSIFICATION OF BIRDS. Evolution; International Journal of Organic Evolution, 2008, 62, 2775-2788.	2.3	48
45	Can terrestrial ectotherms escape the heat of climate change by moving?. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131149.	2.6	45
46	Connectivity from a different perspective: comparing seed dispersal kernels in connected vs. unfragmented landscapes. Ecology, 2016, 97, 1274-1282.	3.2	41
47	Why are not all chilies hot? A trade-off limits pungency. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2012-2017.	2.6	36
48	Fruits, frugivores and the evolutionary arms race. New Phytologist, 2002, 156, 137-139.	7.3	35
49	Climate-induced range overlap among closely related species. Nature Climate Change, 2015, 5, 883-886.	18.8	33
50	Accidental experiments: ecological and evolutionary insights and opportunities derived from global change. Oikos, 2013, 122, 1649-1661.	2.7	32
51	Defaunation leads to interaction deficits, not interaction compensation, in an island seed dispersal network. Global Change Biology, 2018, 24, e190-e200.	9.5	28
52	Habitat patch shape, not corridors, determines herbivory and fruit production of an annual plant. Ecology, 2012, 93, 1016-1025.	3.2	20
53	Linking intraâ€specific trait variation and plant function: seed size mediates performance tradeoffs within species. Oikos, 2019, 128, 1716-1725.	2.7	20
54	Disentangling fragmentation effects on herbivory in understory plants of longleaf pine savanna. Ecology, 2016, 97, 2248-2258.	3.2	17

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55	Assessing positive and negative ecological effects of corridors. , 2011, , 475-504.		14
56	Ground-foraging palm cockatoos (Probosciger aterrimus) in lowland New Guinea: fruit flesh as a directed deterrent to seed predation?. Journal of Tropical Ecology, 2005, 21, 355-361.	1.1	12
57	Ecological data in the Information Age. Frontiers in Ecology and the Environment, 2012, 10, 59-59.	4.0	11
58	Growing Pains for Ecology in the Twenty-First Century. BioScience, 2013, 63, 69-71.	4.9	11
59	Effects of Hunting and Fragmentation on Terrestrial Mammals in the Chiquitano Forests of Bolivia. Tropical Conservation Science, 2014, 7, 288-307.	1.2	10
60	Gut passage and secondary metabolites alter the source of post-dispersal predation for bird-dispersed chili seeds. Oecologia, 2016, 181, 905-910.	2.0	9
61	Habitat edge effects alter ant-guard protection against herbivory. Landscape Ecology, 2013, 28, 1743-1754.	4.2	7
62	Heating up relations between cold fish: competition modifies responses to climate change. Journal of Animal Ecology, 2011, 80, 505-507.	2.8	6
63	Moving farther and faster. Nature Climate Change, 2011, 1, 396-397.	18.8	6
64	An animal-rich future. Science, 2014, 345, 400-400.	12.6	3
65	The Role of Civil Society in Recalibrating Conservation Science Incentives. Conservation Biology, 2014, 28, 1437-1439.	4.7	2
66	Model vs. experiment to predict crop lossesâ€”Response. Science, 2018, 362, 1122-1123.	12.6	0