David A Moeller

List of Publications by Year
in descending order

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36 papers	2,102 citations	361413 20 h-index	377865 34 g-index
40 all docs	40 docs citations	40 times ranked	2236 citing authors

#	Article	IF	Citations
1	FACILITATIVE INTERACTIONS AMONG PLANTS VIA SHARED POLLINATORS. Ecology, 2004, 85, 3289-3301.	3.2	427
2	ECOLOGICAL CONTEXT OF THE EVOLUTION OF SELF-POLLINATION IN CLARKIA XANTLANA: POULATION SIZE, PLANT COMMUNITIES, AND REPRODUCTTIVE ASSURANCE. Evolution; International Journal of Organic Evolution, 2005, 59, 786-799.	2.3	187
3	ECOLOGICAL CONTEXT OF THE EVOLUTION OF SELF-POLLINATION IN CLARKIA XANTIANA: POPULATION SIZE, PLANT COMMUNITIES, AND REPRODUCTIVE ASSURANCE. Evolution; International Journal of Organic Evolution, 2005, 59, 786.	2.3	163
4	GEOGRAPHIC STRUCTURE OF POLLINATOR COMMUNITIES, REPRODUCTIVE ASSURANCE, AND THE EVOLUTION OF SELF-POLLINATION. Ecology, 2006, 87, 1510-1522.	3.2	151
5	Pollinator community structure and sources of spatial variation in plant?pollinator interactions in Clarkia xantiana ssp. xantiana. Oecologia, 2005, 142, 28-37.	2.0	131
6	Reduced pollinator service and elevated pollen limitation at the geographic range limit of an annual plant. Ecology, 2012, 93, 1036-1048.	3.2	119
7	Global biogeography of mating system variation in seed plants. Ecology Letters, 2017, 20, 375-384.	6.4	85
8	RAPID EVOLUTION OF REPRODUCTIVE ISOLATION BETWEEN INCIPIENT OUTCROSSING AND SELFINGCLARKIASPECIES. Evolution; International Journal of Organic Evolution, 2014, 68, 2885-2900.	2.3	70
9	Seed predation increases from the Arctic to the Equator and from high to low elevations. Science Advances, 2019, 5, eaau4403.	10.3	61
10	Species distribution models throughout the invasion history of Palmer amaranth predict regions at risk of future invasion and reveal challenges with modeling rapidly shifting geographic ranges. Scientific Reports, 2019, 9, 2426.	3.3	60
11	Population Structure and Its Effects on Patterns of Nucleotide Polymorphism in Teosinte (Zea mays) Tj ETQq1 1 0.784314 rgBT /Over	2.9	55
12	The â€˜Hutchinsonian nicheâ€™ as an assemblage of demographic niches: implications for species geographic ranges. Ecography, 2018, 41, 1103-1113.	4.5	55
13	Context Dependence of Local Adaptation to Abiotic and Biotic Environments: A Quantitative and Qualitative Synthesis. American Naturalist, 2020, 195, 412-431.	2.1	55
14	Little plant, big city: a test of adaptation to urban environments in common ragweed (Ambrosia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	50
15	Local adaptation and range boundary formation in response to complex environmental gradients across the geographical range of Clarkia xantiana ssp. xantiana. Journal of Ecology, 2014, 102, 95-107.	4.0	49
16	Population Genetics and the Evolution of Geographic Range Limits in an Annual Plant. American Naturalist, 2011, 178, S44-S57.	2.1	44
17	Phylogeography of speciation: allopatric divergence and secondary contact between outcrossing and selfing Clarkia. Molecular Ecology, 2012, 21, 4578-4592.	3.9	43
18	Biotic Interactions Contribute to the Geographic Range Limit of an Annual Plant: Herbivory and Phenology Mediate Fitness beyond a Range Margin. American Naturalist, 2019, 193, 786-797.	2.1	33

#	Article	IF	Citations
19	Genetic Diversity and the Evolutionary History of Plant Immunity Genes in Two Species of Zea. Molecular Biology and Evolution, 2005, 22, 2480-2490.	8.9	31
20	Pleiotropy facilitates local adaptation to distant optima in common ragweed (Ambrosia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (a	3.5	30
21	Maladaptation beyond a geographic range limit driven by antagonistic and mutualistic biotic interactions across an abiotic gradient. Evolution; International Journal of Organic Evolution, 2019, 73, 2044-2059.	2.3	27
22	Mating system divergence affects the distribution of sequence diversity within and among populations of recently diverged subspecies of Clarkia xantiana (Onagraceae). American Journal of Botany, 2016, 103, 99-109.	1.7	26
23	Microbes, mutualism, and range margins: testing the fitness consequences of soil microbial communities across and beyond a native plant's range. New Phytologist, 2021, 229, 2886-2900.	7.3	24
24	Predicting range expansion of invasive species: Pitfalls and best practices for obtaining biologically realistic projections. Diversity and Distributions, 2020, 26, 1767-1779.	4.1	20
25	Resource reallocation does not influence estimates of pollen limitation or reproductive assurance in Clarkia xantiana subsp. parviflora (Onagraceae). American Journal of Botany, 2013, 100, 1916-1921.	1.7	18
26	Climate Change and Forest Herbs of Temperate Deciduous Forests. , 2014, , 460-493.		13
27	Deep learning detects invasive plant species across complex landscapes using Worldviewâ€2 and Planetscope satellite imagery. Remote Sensing in Ecology and Conservation, 2022, 8, 875-889.	4.3	12
28	Does adaptation to historical climate shape plant responses to future rainfall patterns? A rainfall manipulation experiment with common ragweed. Oecologia, 2019, 190, 941-953.	2.0	11
29	Plantâ€“soil interactions limit lifetime fitness outside a native plantâ€™s geographic range margin. Ecology, 2021, 102, e03254.	3.2	11
30	Improving predictions of range expansion for invasive species using joint species distribution models and surrogate coâ€occurring species. Journal of Biogeography, 2021, 48, 1693-1705.	3.0	8
31	Consequences of ignoring dispersal variation in network models for landscape connectivity. Conservation Biology, 2021, 35, 944-954.	4.7	7
32	Of mutualism and migration: will interactions with novel ericoid mycorrhizal communities help or hinder northward Rhododendron range shifts?. Oecologia, 2022, , 1.	2.0	5
33	Mycorrhizal interactions do not influence plantâ€“herbivore interactions in populations of Clarkia xantiana ssp. xantiana spanning from center to margin of the geographic range. Ecology and Evolution, 2018, 8, 10743-10753.	1.9	4
34	The opportunity for outcrossing varies across the geographic range of the primarily selfing Clarkia xantiana ssp. parviflora. American Journal of Botany, 2020, 107, 1198-1207.	1.7	4
35	An urbanâ€“rural spotlight: evolution at small spatial scales among urban and rural populations of common ragweed. Journal of Urban Ecology, 2021, 7, .	1.5	4
36	Limited Range-Filling Among Endemic Forest Herbs of Eastern North America and Its Implications for Conservation With Climate Change. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	3