David A Moeller

List of Publications by Year
in descending order

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	Of mutualism and migration: will interactions with novel ericoid mycorrhizal communities help or hinder northward Rhododendron range shifts?. Oecologia, 2022, , 1.	2.0	5
2	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
3	Plantâ€“soil interactions limit lifetime fitness outside a native plantâ€™s geographic range margin. Ecology, 2021, 102, e03254.	3.2	11
4	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
5	Consequences of ignoring dispersal variation in network models for landscape connectivity. Conservation Biology, 2021, 35, 944-954.	4.7	7
6	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
7	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
8	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
9	Context Dependence of Local Adaptation to Abiotic and Biotic Environments: A Quantitative and Qualitative Synthesis. American Naturalist, 2020, 195, 412-431.	2.1	55
10	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
11	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
12	Pleiotropy facilitates local adaptation to distant optima in common ragweed (Ambrosia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (a	3.5	30
13	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
14	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
15	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
16	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
17	Seed predation increases from the Arctic to the Equator and from high to low elevations. Science Advances, 2019, 5, eaau4403.	10.3	61
18	The â€˜Hutchinsonian nicheâ€™ as an assemblage of demographic niches: implications for species geographic ranges. Ecography, 2018, 41, 1103-1113.	4.5	55

#	Article	IF	Citations
19	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
20	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
21	Global biogeography of mating system variation in seed plants. Ecology Letters, 2017, 20, 375-384.	6.4	85
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	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
24	RAPID EVOLUTION OF REPRODUCTIVE ISOLATION BETWEEN INCIPIENT OUTCROSSING AND SELFINGCLARKIASPECIES. Evolution; International Journal of Organic Evolution, 2014, 68, 2885-2900.	2.3	70
25	Climate Change and Forest Herbs of Temperate Deciduous Forests. , 2014, , 460-493.		13
26	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
27	Reduced pollinator service and elevated pollen limitation at the geographic range limit of an annual plant. Ecology, 2012, 93, 1036-1048.	3.2	119
28	Phylogeography of speciation: allopatric divergence and secondary contact between outcrossing and selfing Clarkia. Molecular Ecology, 2012, 21, 4578-4592.	3.9	43
29	Population Genetics and the Evolution of Geographic Range Limits in an Annual Plant. American Naturalist, 2011, 178, S44-S57.	2.1	44
30	Population Structure and Its Effects on Patterns of Nucleotide Polymorphism in Teosinte (Zea mays) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	55
31	GEOGRAPHIC STRUCTURE OF POLLINATOR COMMUNITIES, REPRODUCTIVE ASSURANCE, AND THE EVOLUTION OF SELF-POLLINATION. Ecology, 2006, 87, 1510-1522.	3.2	151
32	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
33	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
34	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
35	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
36	FACILITATIVE INTERACTIONS AMONG PLANTS VIA SHARED POLLINATORS. Ecology, 2004, 85, 3289-3301.	3.2	427