

Gerardo Arceo-Gómez

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,313
citations

394421

19
h-index

395702

33
g-index

43
all docs

43
docs citations

43
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a predictive understanding of the fitness costs of heterospecific pollen receipt and its importance in co-flowering communities. <i>American Journal of Botany</i> , 2013, 100, 1061-1070.	1.7	180
2	Widespread vulnerability of flowering plant seed production to pollinator declines. <i>Science Advances</i> , 2021, 7, eabd3524.	10.3	92
3	Heterospecific pollen deposition: does diversity alter the consequences?. <i>New Phytologist</i> , 2011, 192, 738-746.	7.3	87
4	Land use and pollinator dependency drives global patterns of pollen limitation in the Anthropocene. <i>Nature Communications</i> , 2020, 11, 3999.	12.8	84
5	Patterns of among- and within- species variation in heterospecific pollen receipt: The importance of ecological generalization. <i>American Journal of Botany</i> , 2016, 103, 396-407.	1.7	60
6	Pollinators contribute to the maintenance of flowering plant diversity. <i>Nature</i> , 2021, 597, 688-692.	27.8	57
7	Among-species differences in pollen quality and quantity limitation: implications for endemics in biodiverse hotspots. <i>Annals of Botany</i> , 2013, 112, 1461-1469.	2.9	47
8	Invasion status and phylogenetic relatedness predict cost of heterospecific pollen receipt: implications for native biodiversity decline. <i>Journal of Ecology</i> , 2016, 104, 1003-1008.	4.0	47
9	Plant-flower visitor networks in a serpentine metacommunity: assessing traits associated with keystone plant species. <i>Arthropod-Plant Interactions</i> , 2015, 9, 9-21.	1.1	46
10	Interactive effects between donor and recipient species mediate fitness costs of heterospecific pollen receipt in a co-flowering community. <i>Oecologia</i> , 2019, 189, 1041-1047.	2.0	37
11	Impacts of plant invasions in native plant-pollinator networks. <i>New Phytologist</i> , 2021, 230, 2117-2128.	7.3	37
12	Coflowering Community Context Influences Female Fitness and Alters the Adaptive Value of Flower Longevity in <i>Mimulus guttatus</i> . <i>American Naturalist</i> , 2014, 183, E50-E63.	2.1	36
13	Pollen on stigmas as proxies of pollinator competition and facilitation: complexities, caveats and future directions. <i>Annals of Botany</i> , 2020, 125, 1003-1012.	2.9	34
14	Can plants evolve tolerance mechanisms to heterospecific pollen effects? An experimental test of the adaptive potential in <i>Clarkia</i> species. <i>Oikos</i> , 2016, 125, 718-725.	2.7	31
15	Taxonomic and functional diversity of the co-flowering community differentially affect <i>Cakile edentula</i> pollination at different spatial scales. <i>Journal of Ecology</i> , 2019, 107, 2167-2181.	4.0	31
16	Heterospecific pollen receipt affects self pollen more than outcross pollen: implications for mixed-mating plants. <i>Ecology</i> , 2014, 95, 2946-2952.	3.2	30
17	Global geographic patterns of heterospecific pollen receipt help uncover potential ecological and evolutionary impacts across plant communities worldwide. <i>Scientific Reports</i> , 2019, 9, 8086.	3.3	28
18	Spatial patterns of species diversity in sand dune plant communities in Yucatan, Mexico: importance of invasive species for species dominance patterns. <i>Plant Ecology and Diversity</i> , 2018, 11, 157-172.	2.4	27

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19	Patterns of pollen quantity and quality limitation of preâ€zygotic reproduction in <i>Mimulus guttatus</i> vary with coâ€flowering community context. <i>Oikos</i> , 2014, 123, 1261-1269.	2.7	26
20	Diversity and composition of pollen loads carried by pollinators are primarily driven by insect traits, not floral community characteristics. <i>Oecologia</i> , 2021, 196, 131-143.	2.0	25
21	Pollen transfer networks reveal alien species as main heterospecific pollen donors with fitness consequences for natives. <i>Journal of Ecology</i> , 2021, 109, 939-951.	4.0	24
22	The role of alien species on plant-floral visitor network structure in invaded communities. <i>PLoS ONE</i> , 2019, 14, e0218227.	2.5	22
23	Plantâ€pollinator network structural properties differentially affect pollen transfer dynamics and pollination success. <i>Oecologia</i> , 2020, 192, 1037-1045.	2.0	22
24	A Network Approach to Understanding Patterns of Coflowering in Diverse Communities. <i>International Journal of Plant Sciences</i> , 2018, 179, 569-582.	1.3	21
25	Patterns and effects of heterospecific pollen transfer between an invasive and two native plant species: the importance of pollen arrival time to the stigma. <i>American Journal of Botany</i> , 2019, 106, 1308-1315.	1.7	21
26	Plant traits moderate pollen limitation of introduced and native plants: a phylogenetic metaâ€analysis of global scale. <i>New Phytologist</i> , 2019, 223, 2063-2075.	7.3	20
27	Variation in sampling effort affects the observed richness of plantâ€plant interactions via heterospecific pollen transfer: implications for interpretation of pollen transfer networks. <i>American Journal of Botany</i> , 2018, 105, 1601-1608.	1.7	18
28	Integrating floral trait and flowering time distribution patterns help reveal a more dynamic nature of coâ€flowering community assembly processes. <i>Journal of Ecology</i> , 2020, 108, 2221-2231.	4.0	18
29	Is heterospecific pollen receipt the missing link in understanding pollen limitation of plant reproduction?. <i>American Journal of Botany</i> , 2020, 107, 845-847.	1.7	18
30	Effects of invasive <i>Cirsium arvense</i> on pollination in a southern Appalachian floral community vary with spatial scale and floral symmetry. <i>Biological Invasions</i> , 2020, 22, 783-797.	2.4	13
31	Negative effects of heterospecific pollen receipt vary with abiotic conditions: ecological and evolutionary implications. <i>Annals of Botany</i> , 2015, 116, 789-795.	2.9	10
32	Patterns of phylogenetic community structure of sand dune plant communities in the Yucatan Peninsula: the role of deterministic and stochastic processes in community assembly. <i>Plant Ecology and Diversity</i> , 2018, 11, 515-526.	2.4	10
33	Effects of heterospecific pollen from a windâ€pollinated and pesticideâ€treated plant on reproductive success of an insectâ€pollinated species. <i>American Journal of Botany</i> , 2018, 105, 836-841.	1.7	9
34	Delimiting plant diversity that is functionally related via interactions with diurnal pollinators: An expanded use of rarefaction curves. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 232, 56-62.	1.2	8
35	Spatial variation in the intensity of interactions via heterospecific pollen transfer may contribute to local and global patterns of plant diversity. <i>Annals of Botany</i> , 2021, 128, 383-394.	2.9	8
36	Flowering overlap and floral trait similarity help explain the structure of pollination networks. <i>Journal of Ecology</i> , 2022, 110, 1790-1801.	4.0	8

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37	Floral Color Properties of Serpentine Seep Assemblages Depend on Community Size and Species Richness. <i>Frontiers in Plant Science</i> , 2020, 11, 602951.	3.6	5
38	Plantâ€floral visitor network structure in a smallholder Cucurbitaceae agricultural system in the tropics: implications for the extinction of main floral visitors. <i>Arthropod-Plant Interactions</i> , 2017, 11, 731-740.	1.1	4
39	Pollen transport networks reveal highly diverse and temporally stable plantâ€pollinator interactions in an Appalachian floral community. <i>AoB PLANTS</i> , 2021, 13, plab062.	2.3	4
40	OUP accepted manuscript. <i>AoB PLANTS</i> , 2021, 13, plab069.	2.3	0