

Rachel B Spigler

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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567144

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908
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic mapping of sex determination in a wild strawberry, <i>Fragaria virginiana</i> , reveals earliest form of sex chromosome. <i>Heredity</i> , 2008, 101, 507-517.	1.2	159
2	In a long-term experimental demography study, excluding ungulates reversed invader's explosive population growth rate and restored natives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4501-4506.	3.3	121
3	Gynodioecy to dioecy: are we there yet?. <i>Annals of Botany</i> , 2012, 109, 531-543.	1.4	105
4	Comparative Mapping Reveals Autosomal Origin of Sex Chromosome in Octoploid <i>Fragaria virginiana</i> . <i>Journal of Heredity</i> , 2010, 101, S107-S117.	1.0	59
5	Comparative Genetic Mapping Points to Different Sex Chromosomes in Sibling Species of Wild Strawberry (<i>Fragaria</i>). <i>Genetics</i> , 2010, 186, 1425-1433.	1.2	49
6	Effects of plant abundance on reproductive success in the biennial <i>Sabatia angularis</i> (Gentianaceae): spatial scale matters. <i>Journal of Ecology</i> , 2008, 96, 323-333.	1.9	44
7	GENETIC ARCHITECTURE OF SEXUAL DIMORPHISM IN A SUBDIOECIOUS PLANT WITH A PROTO-SEX CHROMOSOME. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1114-1126.	1.1	44
8	Sex ratio and subdioecy in <i>Fragaria virginiana</i> : the roles of plasticity and gene flow examined. <i>New Phytologist</i> , 2011, 190, 1058-1068.	3.5	32
9	Plasticity of floral longevity and floral display in the self-compatible biennial <i>Sabatia angularis</i> (Gentianaceae): untangling the role of multiple components of pollination. <i>Annals of Botany</i> , 2017, 119, 167-176.	1.4	31
10	Inbreeding depression and drift load in small populations at demographic disequilibrium. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 81-94.	1.1	30
11	Increased inbreeding but not homozygosity in small populations of <i>Sabatia angularis</i> (Gentianaceae). <i>Plant Systematics and Evolution</i> , 2010, 284, 131-140.	0.3	23
12	Sex-allocation plasticity in hermaphrodites of sexually dimorphic <i>Fragaria virginiana</i> (Rosaceae). <i>Botany</i> , 2010, 88, 231-240.	0.5	23
13	Pollen limitation and reproduction varies with population size in experimental populations of <i>Sabatia angularis</i> (Gentianaceae). <i>Botany</i> , 2009, 87, 330-338.	0.5	22
14	Phenotypic selection varies with pollination intensity across populations of <i>Sabatia angularis</i> . <i>New Phytologist</i> , 2017, 215, 813-824.	3.5	21
15	Shifts to earlier selfing in sympatry may reduce costs of pollinator sharing. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1587-1599.	1.1	20
16	Phenotypic plasticity in mating-system traits in the annual <i>Collinsia verna</i> . <i>Botany</i> , 2013, 91, 597-604.	0.5	14
17	Type and intensity of surrounding human land use, not local environment, shape genetic structure of a native grassland plant. <i>Molecular Ecology</i> , 2021, 30, 639-655.	2.0	13
18	Context-dependency of resource allocation trade-offs highlights constraints to the evolution of floral longevity in a monocarpic herb. <i>New Phytologist</i> , 2019, 221, 2298-2307.	3.5	12

#	ARTICLE	IF	CITATIONS
19	Persistent pollinators and the evolution of complete selfing. <i>American Journal of Botany</i> , 2017, 104, 1783-1786.	0.8	9
20	New genomic resources and comparative analyses reveal differences in floral gene expression in selfing and outcrossing <i>Collinsia</i> sister species. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	8
21	Small and surrounded: population size and land use intensity interact to determine reliance on autonomous selfing in a monocarpic plant. <i>Annals of Botany</i> , 2018, 121, 513-524.	1.4	7
22	Causes and consequences of variation in heterospecific pollen receipt in <i>Oenothera fruticosa</i> . <i>American Journal of Botany</i> , 2021, 108, 1612-1624.	0.8	5
23	Changes in female function and autonomous selfing across floral lifespan interact to drive variation in the cost of selfing. <i>American Journal of Botany</i> , 2022, , .	0.8	4
24	How early does the selfing syndrome arise? Associations between selfing ability and flower size within populations of the mixed mater <i>Collinsia verna</i> . <i>American Journal of Botany</i> , 2021, , .	0.8	3