

Johanna Schmitt

List of Publications by Year in descending order

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115
papers

11,074
citations

23879

60
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35168

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docs citations

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times ranked

8157
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#	ARTICLE	IF	CITATIONS
1	Testing the Adaptive Plasticity Hypothesis: Density-Dependent Selection on Manipulated Stem Length in <i>Impatiens capensis</i> . <i>American Naturalist</i> , 1996, 147, 445-465.	1.0	532
2	A latitudinal cline in flowering time in <i>Arabidopsis thaliana</i> modulated by the flowering time gene <i>FRIGIDA</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4712-4717.	3.3	458
3	The Evolution of Plant Ecophysiological Traits: Recent Advances and Future Directions. <i>BioScience</i> , 2000, 50, 979.	2.2	387
4	Genetic mechanisms and evolutionary significance of natural variation in <i>Arabidopsis</i> . <i>Nature</i> , 2006, 441, 947-952.	13.7	371
5	Effects of Genetic Perturbation on Seasonal Life History Plasticity. <i>Science</i> , 2009, 323, 930-934.	6.0	340
6	Epistatic interaction between <i>Arabidopsis</i> <i>FRI</i> and <i>FLC</i> flowering time genes generates a latitudinal cline in a life history trait. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15670-15675.	3.3	336
7	Light spectral quality, phytochrome and plant competition. <i>Trends in Ecology and Evolution</i> , 1993, 8, 47-51.	4.2	325
8	A Test of the Adaptive Plasticity Hypothesis Using Transgenic and Mutant Plants Disabled in Phytochrome-Mediated Elongation Responses to Neighbors. <i>American Naturalist</i> , 1995, 146, 937-953.	1.0	300
9	PLASTICITY TO LIGHT CUES AND RESOURCES IN <i>ARABIDOPSIS THALIANA</i> : TESTING FOR ADAPTIVE VALUE AND COSTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1982-1994.	1.1	226
10	THE EVOLUTIONARY ECOLOGY OF SEED GERMINATION OF <i>ARABIDOPSIS THALIANA</i> : VARIABLE NATURAL SELECTION ON GERMINATION TIMING. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 758-770.	1.1	215
11	Manipulative Approaches to Testing Adaptive Plasticity: Phytochrome-Mediated Shade-Avoidance Responses in Plants. <i>American Naturalist</i> , 1999, 154, S43-S54.	1.0	210
12	POLLINATOR FORAGING BEHAVIOR AND GENE DISPERSAL IN <i>SENECIO</i> (COMPOSITAE). <i>Evolution; International Journal of Organic Evolution</i> , 1980, 34, 934-943.	1.1	209
13	ENHANCEMENT OF INBREEDING DEPRESSION BY DOMINANCE AND SUPPRESSION IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 269-278.	1.1	199
14	EVIDENCE OF ADAPTIVE DIVERGENCE IN PLASTICITY: DENSITY- AND SITE-DEPENDENT SELECTION ON SHADE-AVOIDANCE RESPONSES IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1956-1968.	1.1	187
15	The Adaptive Evolution of Plasticity: Phytochrome-Mediated Shade Avoidance Responses. <i>Integrative and Comparative Biology</i> , 2003, 43, 459-469.	0.9	178
16	Evolution caused by extreme events. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160146.	1.8	170
17	THE EFFECT OF DISTANCE FROM THE PARENTAL SITE ON OFFSPRING PERFORMANCE AND INBREEDING DEPRESSION IN <i>IMPATIENS CAPENSIS</i> : A TEST OF THE LOCAL ADAPTATION HYPOTHESIS. <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 2022-2030.	1.1	167
18	Norms of Reaction of Seed Traits to Maternal Environments in <i>Plantago lanceolata</i> . <i>American Naturalist</i> , 1992, 139, 451-466.	1.0	163

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19	Lagging adaptation to warming climate in <i>Arabidopsis thaliana</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7906-7913.	3.3	157
20	The earliest stages of adaptation in an experimental plant population: strong selection on QTLs for seed dormancy. Molecular Ecology, 2010, 19, 1335-1351.	2.0	156
21	Fitness Effects Associated with the Major Flowering Time Gene FRIGIDA in <i>Arabidopsis thaliana</i> in the Field. American Naturalist, 2007, 169, E141-E157.	1.0	151
22	Propagule size, dispersal ability, and seedling performance in <i>Asclepias syriaca</i> . Oecologia, 1985, 67, 372-379.	0.9	147
23	Dominance and Suppression, Size-Dependent Growth and Self-Thinning in a Natural <i>Impatiens Capensis</i> Population. Journal of Ecology, 1987, 75, 651.	1.9	147
24	Novel Loci Control Variation in Reproductive Timing in <i>Arabidopsis thaliana</i> in Natural Environments. Genetics, 2002, 162, 1875-1884.	1.2	144
25	ADAPTIVE DIVERGENCE IN PLASTICITY IN NATURAL POPULATIONS OF <i>IMPATIENS CAPENSIS</i> AND ITS CONSEQUENCES FOR PERFORMANCE IN NOVEL HABITATS. Evolution; International Journal of Organic Evolution, 2001, 55, 692.	1.1	143
26	Population Differentiation and Natural Selection for Water-Use Efficiency in <i>Impatiens capensis</i> (Balsaminaceae). International Journal of Plant Sciences, 2002, 163, 907-912.	0.6	131
27	Co-Variation between Seed Dormancy, Growth Rate and Flowering Time Changes with Latitude in <i>Arabidopsis thaliana</i> . PLoS ONE, 2013, 8, e61075.	1.1	130
28	Multiple <i>FLC</i> haplotypes defined by independent <i>cis</i> -regulatory variation underpin life history diversity in <i>Arabidopsis thaliana</i> . Genes and Development, 2014, 28, 1635-1640.	2.7	122
29	The Effect of Distance from the Parental Site on Offspring Performance and Inbreeding Depression in <i>Impatiens capensis</i> : A Test of the Local Adaptation Hypothesis. Evolution; International Journal of Organic Evolution, 1990, 44, 2022.	1.1	121
30	ENVIRONMENTAL AND GENETIC INFLUENCES ON THE GERMINATION OF <i>ARABIDOPSIS THALLANA</i> IN THE FIELD. Evolution; International Journal of Organic Evolution, 2005, 59, 740-757.	1.1	120
31	Heterogeneous Selection at Specific Loci in Natural Environments in <i>Arabidopsis thaliana</i> . Genetics, 2003, 165, 321-329.	1.2	119
32	Environmental and genetic influences on the germination of <i>Arabidopsis thaliana</i> in the field. Evolution; International Journal of Organic Evolution, 2005, 59, 740-57.	1.1	118
33	The effect of maternal photoperiod on seasonal dormancy in <i>Arabidopsis thaliana</i> (Brassicaceae). American Journal of Botany, 2001, 88, 1240-1249.	0.8	117
34	Climate envelope modelling reveals intraspecific relationships among flowering phenology, niche breadth and potential range size in <i>Arabidopsis thaliana</i> . Ecology Letters, 2012, 15, 769-777.	3.0	115
35	Genetic variation in defensive chemistry in <i>Plantago lanceolata</i> (Plantaginaceae) and its effect on the specialist herbivore <i>Junonia coenia</i> (Nymphalidae). Oecologia, 1995, 101, 75-85.	0.9	113
36	EXPERIMENTAL STUDIES OF THE EVOLUTIONARY SIGNIFICANCE OF SEXUAL REPRODUCTION. IV. EFFECT OF NEIGHBOR RELATEDNESS AND APHID INFESTATION ON SEEDLING PERFORMANCE. Evolution; International Journal of Organic Evolution, 1986, 40, 830-836.	1.1	110

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37	Paternal and maternal effects on propagule size in <i>Anthoxanthum odoratum</i> . <i>Oecologia</i> , 1986, 69, 277-282.	0.9	109
38	Differential Dispersal of Self-Fertilized and Outcrossed Progeny in Jewelweed (<i>Impatiens capensis</i>). <i>American Naturalist</i> , 1985, 126, 570-575.	1.0	109
39	REACTION NORMS OF MORPHOLOGICAL AND LIFE-HISTORY TRAITS TO LIGHT AVAILABILITY IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1654-1668.	1.1	108
40	Linkage Disequilibrium Mapping of Arabidopsis CRY2 Flowering Time Alleles Sequence data from this article have been deposited with the EMBL/GenBank Data Libraries under accession nos. AY576055, AY576271. <i>Genetics</i> , 2004, 167, 1361-1369.	1.2	106
41	Paths to selection on life history loci in different natural environments across the native range of <i>Arabidopsis thaliana</i> . <i>Molecular Ecology</i> , 2013, 22, 3552-3566.	2.0	101
42	NICHE CONSTRUCTION THROUGH GERMINATION CUEING: LIFE-HISTORY RESPONSES TO TIMING OF GERMINATION IN <i>ARABIDOPSIS THALIANA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 771-785.	1.1	99
43	Flowering plant density and pollinator visitation in <i>Senecio</i> . <i>Oecologia</i> , 1983, 60, 97-102.	0.9	98
44	DENSITY-DEPENDENT POLLINATOR FORAGING, FLOWERING PHENOLOGY, AND TEMPORAL POLLEN DISPERSAL PATTERNS IN <i>LINANTHUS BICOLOR</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 1247-1257.	1.1	98
45	EVOLUTIONARY GENETICS OF RESISTANCE AND TOLERANCE TO NATURAL HERBIVORY IN <i>ARABIDOPSIS THALIANA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1270-1280.	1.1	98
46	Modeling the Influence of Genetic and Environmental Variation on the Expression of Plant Life Cycles across Landscapes. <i>American Naturalist</i> , 2015, 185, 212-227.	1.0	94
47	Frequency and Microenvironmental Pattern of Selection on Plastic Shade-Avoidance Traits in a Natural Population of <i>Impatiens capensis</i> . <i>American Naturalist</i> , 2004, 163, 548-563.	1.0	92
48	The evolutionary ecology of seed germination of <i>Arabidopsis thaliana</i> : variable natural selection on germination timing. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 758-70.	1.1	88
49	A test of the short-term advantage of sexual reproduction. <i>Nature</i> , 1988, 331, 714-716.	13.7	87
50	Effects of genotype, habitat, and seasonal variation on iridoid glycoside content of <i>Plantago lanceolata</i> (Plantaginaceae) and the implications for insect herbivores. <i>Oecologia</i> , 1992, 91, 201-207.	0.9	86
51	EXPERIMENTAL STUDIES OF THE EVOLUTIONARY SIGNIFICANCE OF SEXUAL REPRODUCTION. III. MATERNAL AND PATERNAL EFFECTS DURING SEEDLING ESTABLISHMENT. <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 817-829.	1.1	85
52	QTL architecture of resistance and tolerance traits in <i>Arabidopsis thaliana</i> in natural environments. <i>Molecular Ecology</i> , 2003, 12, 1153-1163.	2.0	85
53	A TEST OF THE SIB-COMPETITION HYPOTHESIS FOR OUTCROSSING ADVANTAGE IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 579-590.	1.1	84
54	THE GENETIC ARCHITECTURE OF PLASTICITY TO DENSITY IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1377-1386.	1.1	83

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55	Light-Dependent Dominance and Suppression in Experimental Radish Populations. <i>Ecology</i> , 1986, 67, 1502-1507.	1.5	78
56	MICROGEOGRAPHIC GENETIC STRUCTURE OF MORPHOLOGICAL AND LIFE HISTORY TRAITS IN A NATURAL POPULATION OF <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 178-189.	1.1	76
57	Effects of Red to Far-Red Ratio and Plant Density on Biomass Allocation and Gas Exchange in <i>Impatiens capensis</i> . <i>International Journal of Plant Sciences</i> , 1999, 160, 723-733.	0.6	74
58	DENSITY DEPENDENCE AND POPULATION DIFFERENTIATION OF GENETIC ARCHITECTURE IN <i>IMPATIENS CAPENSIS</i> IN NATURAL ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1969-1981.	1.1	74
59	Consequences of sexually dimorphic timing of emergence and flowering in <i>Silene latifolia</i> . <i>Journal of Ecology</i> , 1998, 86, 397-404.	1.9	72
60	GENETIC CONSTRAINTS ON THE INDEPENDENT EVOLUTION OF MALE AND FEMALE REPRODUCTIVE CHARACTERS IN THE TRISTYLOUS PLANT <i>LYTHRUM SALICARIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1457-1471.	1.1	68
61	Predicting the evolutionary dynamics of seasonal adaptation to novel climates in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2812-21.	3.3	62
62	A latitudinal cline and response to vernalization in leaf angle and morphology in <i>Arabidopsis thaliana</i> (Brassicaceae). <i>New Phytologist</i> , 2008, 179, 155-164.	3.5	60
63	Functional variants of <i>DOG1</i> control seed chilling responses and variation in seasonal life-history strategies in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2526-2534.	3.3	60
64	An augmented <i>Arabidopsis</i> phenology model reveals seasonal temperature control of flowering time. <i>New Phytologist</i> , 2012, 194, 654-665.	3.5	57
65	Vernalization sensitivity in <i>Arabidopsis thaliana</i> (Brassicaceae): the effects of latitude and FLC variation. <i>American Journal of Botany</i> , 2005, 92, 1701-1707.	0.8	56
66	Applying developmental threshold models to evolutionary ecology. <i>Trends in Ecology and Evolution</i> , 2015, 30, 66-77.	4.2	50
67	Enhancement of Inbreeding Depression by Dominance and Suppression in <i>Impatiens capensis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 269.	1.1	47
68	ENVIRONMENTAL AND GENETIC INFLUENCES ON THE GERMINATION OF <i>ARABIDOPSIS THALIANA</i> IN THE FIELD. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 740.	1.1	47
69	The role of climate adaptation in colonization success in <i>Arabidopsis thaliana</i> . <i>Molecular Ecology</i> , 2015, 24, 2253-2263.	2.0	46
70	Environmental Effects on the Expression of Quantitative Trait Loci and Implications for Phenotypic Evolution. <i>BioScience</i> , 2004, 54, 627.	2.2	43
71	Density-Dependent Pollinator Foraging, Flowering Phenology, and Temporal Pollen Dispersal Patterns in <i>Linanthus bicolor</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1983, 37, 1247.	1.1	42
72	TESTING ADAPTIVE PLASTICITY TO UV: COSTS AND BENEFITS OF STEM ELONGATION AND LIGHT-INDUCED PHENOLICS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2645-2656.	1.1	40

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73	NEIGHBOR RELATEDNESS AND COMPETITIVE PERFORMANCE IN <i>IMPATIENS CAPENSIS</i> (BALSAMINACEAE): A TEST OF THE RESOURCE PARTITIONING HYPOTHESIS. <i>American Journal of Botany</i> , 1992, 79, 181-185.	0.8	38
74	ACROSS-ENVIRONMENT GENETIC CORRELATIONS AND THE FREQUENCY OF SELECTIVE ENVIRONMENTS SHAPE THE EVOLUTIONARY DYNAMICS OF GROWTH RATE IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	1.1	38
75	Reaction Norms of Morphological and Life-History Traits to Light Availability in <i>Impatiens capensis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 1654.	1.1	36
76	Natural selection on light response curve parameters in the herbaceous annual, <i>Impatiens capensis</i> . <i>Oecologia</i> , 2004, 139, 487-494.	0.9	36
77	Susceptibility to UV damage in <i>Impatiens capensis</i> (Balsaminaceae): testing for opportunity costs to shade avoidance and population differentiation. <i>American Journal of Botany</i> , 2001, 88, 1401-1408.	0.8	35
78	Large-effect flowering time mutations reveal conditionally adaptive paths through fitness landscapes in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17890-17899.	3.3	35
79	Dispersal biology of <i>Liatris scariosa</i> var. <i>novae-angliae</i> (Asteraceae), a rare New England grassland perennial. <i>American Journal of Botany</i> , 2003, 90, 1159-1167.	0.8	34
80	Fluctuating, warm temperatures decrease the effect of a key floral repressor on flowering time in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2016, 210, 564-576.	3.5	33
81	Niche construction through germination cueing: life-history responses to timing of germination in <i>Arabidopsis thaliana</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 771-85.	1.1	33
82	Sexual Dimorphism of Dormancy and Survivorship in Buried Seeds of <i>Silene Latifolia</i> . <i>Journal of Ecology</i> , 1995, 83, 795.	1.9	32
83	The Genetic Architecture of Plasticity to Density in <i>Impatiens capensis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1377.	1.1	32
84	PARTITIONING ADAPTIVE DIFFERENTIATION ACROSS A PATCHY LANDSCAPE: SHADE AVOIDANCE TRAITS IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 654-667.	1.1	32
85	Maternal effects of drought stress and inbreeding in <i>Impatiens capensis</i> (Balsaminaceae). <i>American Journal of Botany</i> , 2007, 94, 1984-1991.	0.8	31
86	The seasonal climate niche predicts phenology and distribution of an ephemeral annual plant, <i>Mollugo verticillata</i> . <i>Journal of Ecology</i> , 2017, 105, 1323-1334.	1.9	31
87	Variation in the seasonal germination niche across an elevational gradient: the role of germination cueing in current and future climates. <i>American Journal of Botany</i> , 2020, 107, 350-363.	0.8	31
88	Ecosystem engineers as selective agents: the effects of leaf litter on emergence time and early growth in <i>Impatiens capensis</i> . <i>Ecology Letters</i> , 2006, 9, 258-270.	3.0	28
89	Polymorphic Genes of Major Effect: Consequences for Variation, Selection and Evolution in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2009, 182, 911-922.	1.2	28
90	Physiological mechanism of population differentiation in shade avoidance responses between woodland and clearing genotypes of <i>Impatiens capensis</i> . <i>American Journal of Botany</i> , 2005, 92, 868-874.	0.8	27

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91	Germination timing and chilling exposure create contingency in life history and influence fitness in the native wildflower <i>Streptanthus tortuosus</i> . <i>Journal of Ecology</i> , 2020, 108, 239-255.	1.9	27
92	Distinct Patterns of Genetic Variation Alter Flowering Responses of <i>Arabidopsis</i> Accessions to Different Daylengths. <i>Plant Physiology</i> , 2009, 152, 177-191.	2.3	26
93	THE EVOLUTIONARY ECOLOGY OF SEED GERMINATION OF <i>ARABIDOPSIS THALIANA</i> : VARIABLE NATURAL SELECTION ON GERMINATION TIMING. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 758.	1.1	24
94	Testing the Adaptive Plasticity Hypothesis for Plant Responses to Neighbors. <i>Plant Species Biology</i> , 1996, 11, 59-67.	0.6	23
95	Population differentiation and genetic variation inform translocation decisions for <i>Liatris scariosa</i> var. <i>novae-angliae</i> , a rare New England grassland perennial. <i>Biological Conservation</i> , 2005, 124, 155-167.	1.9	23
96	ADAPTIVE DIVERGENCE IN PLASTICITY IN NATURAL POPULATIONS OF <i>IMPATIENS CAPENSIS</i> AND ITS CONSEQUENCES FOR PERFORMANCE IN NOVEL HABITATS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 692-702.	1.1	23
97	Interacting effects of genetic variation for seed dormancy and flowering time on phenology, life history, and fitness of experimental <i>Arabidopsis thaliana</i> populations over multiple generations in the field. <i>New Phytologist</i> , 2017, 216, 291-302.	3.5	23
98	EVIDENCE OF ADAPTIVE DIVERGENCE IN PLASTICITY: DENSITY- AND SITE-DEPENDENT SELECTION ON SHADE-AVOIDANCE RESPONSES IN <i>IMPATIENS CAPENSIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1956.	1.1	22
99	Testing for stress-dependent inbreeding depression in <i>Impatiens capensis</i> (Balsaminaceae). <i>American Journal of Botany</i> , 2005, 92, 1322-1329.	0.8	22
100	Maternal Effects and Germination Timing Mediate the Expression of Winter and Spring Annual Life Histories in <i>Arabidopsis thaliana</i> . <i>International Journal of Plant Sciences</i> , 2007, 168, 205-214.	0.6	22
101	PLASTICITY TO LIGHT CUES AND RESOURCES IN <i>ARABIDOPSIS THALIANA</i> : TESTING FOR ADAPTIVE VALUE AND COSTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1982.	1.1	21
102	NEIGHBOR RELATEDNESS AND COMPETITIVE PERFORMANCE IN <i>IMPATIENS CAPENSIS</i> (BALSAMINACEAE): A TEST OF THE RESOURCE PARTITIONING HYPOTHESIS. , 1992, 79, 181.		19
103	EFFECT OF ENVIRONMENT ON PERCENTAGE FEMALE RAY FLORETS PER CAPITULUM AND OUTCROSSING POTENTIAL IN A SELF-INCOMPATIBLE COMPOSITE (<i>SENECIO VULGARIS</i> L. VAR. <i>HIBERNICUS</i> SYME). <i>New Phytologist</i> , 1985, 101, 219-229.	3.5	17
104	Evidence for population differentiation among Jeffrey and Ponderosa pines in survival, growth and phenology. <i>Forest Ecology and Management</i> , 2019, 434, 40-48.	1.4	15
105	Experimental Studies of the Evolutionary Significance of Sexual Reproduction. III. Maternal and Paternal Effects During Seedling Establishment. <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 817.	1.1	13
106	MATERNAL AND PATERNAL EFFECTS ON FOLLICLE PRODUCTION IN THE MILKWEED <i>ASCLEPIAS SYRIACA</i> (ASCLEPIADACEAE). <i>American Journal of Botany</i> , 1991, 78, 1304-1309.	0.8	13
107	Phenological and fitness responses to climate warming depend upon genotype and competitive neighbourhood in <i>Arabidopsis thaliana</i> . <i>Functional Ecology</i> , 2019, 33, 308-322.	1.7	9
108	Introduction: Experimental Approaches to Testing Adaptation. <i>American Naturalist</i> , 1999, 154, S1-S3.	1.0	8

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109	EVOLUTIONARY GENETICS OF RESISTANCE AND TOLERANCE TO NATURAL HERBIVORY IN ARABIDOPSIS THALIANA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1270.	1.1	8
110	Adaptive significance of flowering time variation across natural seasonal environments in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2022, 234, 719-734.	3.5	7
111	DENSITY DEPENDENCE AND POPULATION DIFFERENTIATION OF GENETIC ARCHITECTURE IN IMPATIENS CAPENSIS IN NATURAL ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1969.	1.1	6
112	Testing mechanisms and context dependence of costs of plastic shade avoidance responses in <i>Impatiens capensis</i> (Balsaminaceae). <i>American Journal of Botany</i> , 2011, 98, 1602-1612.	0.8	6
113	Early Developmental Responses to Seedling Environment Modulate Later Plasticity to Light Spectral Quality. <i>PLoS ONE</i> , 2012, 7, e34121.	1.1	6
114	Sexual advantage. <i>Nature</i> , 1989, 337, 413-414.	13.7	3
115	TESTING ADAPTIVE PLASTICITY TO UV: COSTS AND BENEFITS OF STEM ELONGATION AND LIGHT-INDUCED PHENOLICS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2645.	1.1	2