

Janis Antonovics

List of Publications by Year in descending order

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173
papers

13,802
citations

15466

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175
all docs

175
docs citations

175
times ranked

9631
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporating the Soil Community into Plant Population Dynamics: The Utility of the Feedback Approach. <i>Journal of Ecology</i> , 1997, 85, 561.	1.9	929
2	Heavy Metal Tolerance in Plants. <i>Advances in Ecological Research</i> , 1971, 7, 1-85.	1.4	804
3	Social Organization and Parasite Risk in Mammals: Integrating Theory and Empirical Studies. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 517-547.	3.8	625
4	Host-Dependent Sporulation and Species Diversity of Arbuscular Mycorrhizal Fungi in a Mown Grassland. <i>Journal of Ecology</i> , 1996, 84, 71.	1.9	472
5	The Ecological and Genetic Consequences of Density-Dependent Regulation in Plants. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1980, 11, 411-452.	6.7	420
6	Evolution in closely adjacent plant populations VIII. Clinal patterns at a mine boundary. <i>Heredity</i> , 1970, 25, 349-362.	1.2	355
7	The Nature of Limits to Natural Selection. <i>Annals of the Missouri Botanical Garden</i> , 1976, 63, 224.	1.3	345
8	Evolution in closely adjacent plant populations V. Evolution of self-fertility. <i>Heredity</i> , 1968, 23, 219-238.	1.2	318
9	SEXUALLY TRANSMITTED DISEASES IN ANIMALS: ECOLOGICAL AND EVOLUTIONARY IMPLICATIONS. <i>Biological Reviews</i> , 1996, 71, 415-471.	4.7	256
10	Evolution in closely adjacent plant populations IV. Barriers to gene flow. <i>Heredity</i> , 1968, 23, 205-218.	1.2	250
11	Promiscuity and the Primate Immune System. <i>Science</i> , 2000, 290, 1168-1170.	6.0	227
12	Interchange of entire communities: microbial community coalescence. <i>Trends in Ecology and Evolution</i> , 2015, 30, 470-476.	4.2	210
13	<i>Silene</i> as a model system in ecology and evolution. <i>Heredity</i> , 2009, 103, 5-14.	1.2	203
14	Evolution in closely adjacent plant populations. <i>Heredity</i> , 1978, 40, 371-384.	1.2	188
15	Disease Spread and Population Dynamics of Anther-Smut Infection of <i>Silene Alba</i> Caused by the Fungus <i>Ustilago Violaecae</i> . <i>Journal of Ecology</i> , 1988, 76, 91.	1.9	188
16	EXPERIMENTAL STUDIES OF THE EVOLUTIONARY SIGNIFICANCE OF SEXUAL REPRODUCTION. I. A TEST OF THE FREQUENCY-DEPENDENT SELECTION HYPOTHESIS. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 103-115.	1.1	183
17	Fitness Costs of Mutations Affecting the Systemic Acquired Resistance Pathway in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2004, 168, 2197-2206.	1.2	165
18	A Generalized Model of Parasitoid, Venereal, and Vector-Based Transmission Processes. <i>American Naturalist</i> , 1995, 145, 661-675.	1.0	156

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19	Analysis of interspecific interactions in a coastal plant community—a perturbation approach. <i>Nature</i> , 1982, 298, 557-560.	13.7	153
20	Species Coexistence and Pathogens with Frequency-Dependent Transmission. <i>American Naturalist</i> , 2005, 166, 112-118.	1.0	149
21	Sexually transmitted diseases in polygynous mating systems: prevalence and impact on reproductive success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1555-1563.	1.2	147
22	Theoretical Considerations of Sympatric Divergence. <i>American Naturalist</i> , 1973, 107, 256-274.	1.0	145
23	Plant Life-History and Disease Susceptibility—The Occurrence of <i>Ustilago Violacea</i> on Different Species within the Caryophyllaceae. <i>Journal of Ecology</i> , 1993, 81, 489.	1.9	144
24	Is atmospheric CO ₂ a selective agent on model C ₃ annuals?. <i>Oecologia</i> , 2000, 123, 330-341.	0.9	140
25	Evolution in closely adjacent plant populations X: long-term persistence of prereproductive isolation at a mine boundary. <i>Heredity</i> , 2006, 97, 33-37.	1.2	140
26	Local founding events as determinants of genetic structure in a plant metapopulation. <i>Heredity</i> , 1995, 75, 630-636.	1.2	137
27	Sources of Variation in Plant Reproductive Success and Implications for Concepts of Sexual Selection. <i>American Naturalist</i> , 1989, 134, 409-433.	1.0	129
28	Ontoecogenophyloconstraints? The chaos of constraint terminology. <i>Trends in Ecology and Evolution</i> , 1991, 6, 166-168.	4.2	123
29	Playing by Different Rules: The Evolution of Virulence in Sterilizing Pathogens. <i>American Naturalist</i> , 2002, 159, 597-605.	1.0	123
30	The Ecology and Genetics of a Host Shift: <i>Microbotryum</i> as a Model System. <i>American Naturalist</i> , 2002, 160, S40-S53.	1.0	123
31	Host and Pathogen Coexistence in Sexually Transmitted and Vector-Borne Diseases Characterized by Frequency-Dependent Disease Transmission. <i>American Naturalist</i> , 1993, 142, 543-552.	1.0	118
32	THE ORIGIN OF SPECIFICITY BY MEANS OF NATURAL SELECTION: EVOLVED AND NONHOST RESISTANCE IN HOST-PATHOGEN INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 1-9.	1.1	114
33	EXPERIMENTAL STUDIES OF THE EVOLUTIONARY SIGNIFICANCE OF SEXUAL REPRODUCTION. IV. EFFECT OF NEIGHBOR RELATEDNESS AND APHID INFESTATION ON SEEDLING PERFORMANCE. <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 830-836.	1.1	110
34	Paternal and maternal effects on propagule size in <i>Anthoxanthum odoratum</i> . <i>Oecologia</i> , 1986, 69, 277-282.	0.9	109
35	EXPERIMENTAL STUDIES OF THE EVOLUTIONARY SIGNIFICANCE OF SEXUAL REPRODUCTION II. A TEST OF THE DENSITY-DEPENDENT SELECTION HYPOTHESIS. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 657-666.	1.1	103
36	Sexual Transmission of Disease and Host Mating Systems: Within-Season Reproductive Success. <i>American Naturalist</i> , 1997, 149, 485-506.	1.0	101

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37	SEX-SPECIFIC COSTS OF RESISTANCE TO THE FUNGAL PATHOGEN <i>USTILAGO VIOLACEA</i> () <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Evolution</i> , 1996, 50, 1098-1110.	1.1	100
38	Metapopulations and metacommunities: combining spatial and temporal perspectives in plant ecology. <i>Journal of Ecology</i> , 2012, 100, 88-103.	1.9	100
39	Theoretical and empirical studies of metapopulations: population and genetic dynamics of the <i>Silene</i> – <i>Ustilago</i> system. <i>Canadian Journal of Botany</i> , 1995, 73, 1249-1258.	1.2	98
40	Experimental Ecological Genetics in <i>Plantago</i> II. Lead Tolerance in <i>Plantago Lanceolata</i> and <i>Cynodon Dactylon</i> from a Roadside. <i>Ecology</i> , 1976, 57, 205-208.	1.5	95
41	Population Dynamics and Genetics of Plant Disease: A Case Study of Anther- Smut Disease. <i>Ecology</i> , 1996, 77, 990-996.	1.5	92
42	DETERMINANTS OF OUTCROSSING RATE IN A PREDOMINANTLY SELF-FERTILIZING WEED, <i>DATURA STRAMONIUM</i> (SOLANACEAE). <i>American Journal of Botany</i> , 1992, 79, 419-427.	0.8	91
43	EXPERIMENTAL ECOLOGICAL GENETICS IN <i>PLANTAGO</i> . V. COMPONENTS OF SEED YIELD IN THE RIBWORT PLANTAIN <i>PLANTAGO LANCEOLATA</i> L. <i>Evolution; International Journal of Organic Evolution</i> , 1981, 35, 1069-1079.	1.1	90
44	The measurement of small-scale environmental heterogeneity using clonal transplants of <i>Anthoxanthum odoratum</i> and <i>Danthonia spicata</i> . <i>Oecologia</i> , 1987, 71, 601-607.	0.9	90
45	Intratetrad mating, heterozygosity, and the maintenance of deleterious alleles in <i>Microbotryum violaceum</i> (= <i>Ustilago violacea</i>). <i>Heredity</i> , 2000, 85, 231-241.	1.2	90
46	Parasite–grass–forb interactions and rock-paper scissor dynamics: predicting the effects of the parasitic plant <i>Rhinanthus minor</i> on host plant communities. <i>Journal of Ecology</i> , 2009, 97, 1311-1319.	1.9	90
47	Variance Models in the Study of Life Histories. <i>American Naturalist</i> , 1983, 122, 114-131.	1.0	88
48	Population inter-relationships I. Evolution in mixtures of <i>Drosophila</i> mutants. <i>Heredity</i> , 1967, 22, 19-33.	1.2	87
49	A test of the short-term advantage of sexual reproduction. <i>Nature</i> , 1988, 331, 714-716.	13.7	87
50	Spread of Anther-Smut Disease (<i>Ustilago Violacea</i>) and Character Correlations in a Genetically Variable Experimental Population of <i>Silene Alba</i> . <i>Journal of Ecology</i> , 1995, 83, 783.	1.9	86
51	Competition and Coexistence in a North Carolina Grassland: I. Patterns in Undisturbed Vegetation. <i>Journal of Ecology</i> , 1981, 69, 825.	1.9	85
52	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
53	Population Dynamics of the Grass <i>Anthoxanthum Odoratum</i> on a Zinc Mine. <i>Journal of Ecology</i> , 1972, 60, 351.	1.9	84
54	The evolution of transmission mode. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160083.	1.8	80

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55	Anthelmintic treatment alters the parasite community in a wild mouse host. <i>Biology Letters</i> , 2013, 9, 20130205.	1.0	79
56	ZINC AND COPPER UPTAKE BY AGROSTIS STOLONIFERA, TOLERANT TO BOTH ZINC AND COPPER. <i>New Phytologist</i> , 1975, 75, 231-237.	3.5	77
57	Genotypic Variation in Plant Disease Resistance–Physiological Resistance in Relation to Field Disease Transmission. <i>Journal of Ecology</i> , 1993, 81, 325.	1.9	76
58	Sex-Specific Costs of Resistance to the Fungal Pathogen <i>Ustilago violacea</i> (<i>Microbotryum violaceum</i>) in <i>Silene alba</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 1098.	1.1	75
59	Inverse Gene-for-Gene Infection Genetics and Coevolutionary Dynamics. <i>American Naturalist</i> , 2009, 174, E230-E242.	1.0	75
60	Distribution of the anther-smut pathogen <i>Microbotryum</i> on species of the Caryophyllaceae. <i>New Phytologist</i> , 2010, 187, 217-229.	3.5	73
61	Disease transmission by cannibalism: rare event or common occurrence?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1205-1210.	1.2	72
62	EXPERIMENTAL ECOLOGICAL GENETICS IN PLANTAGO. I. INDUCTION OF ROOTS AND SHOOTS ON LEAVES FOR LARGE SCALE VEGETATIVE PROPAGATION AND METAL TOLERANCE TESTING IN <i>P. LANCEOLATA</i> . <i>New Phytologist</i> , 1975, 75, 277-282.	3.5	68
63	The Evolution of Host-Parasite Range. <i>American Naturalist</i> , 2010, 176, 63-71.	1.0	68
64	Ecological understanding of root-infecting fungi using trait-based approaches. <i>Trends in Plant Science</i> , 2014, 19, 432-438.	4.3	68
65	Small-Scale Variability in the Demography of Transplants of Two Herbaceous Species. <i>Ecology</i> , 1981, 62, 1450-1457.	1.5	67
66	EXPERIMENTAL ECOLOGICAL GENETICS IN <i>PLANTAGO</i> . VII. REPRODUCTIVE EFFORT IN POPULATIONS OF <i>P. LANCEOLATA</i> L.. <i>Evolution; International Journal of Organic Evolution</i> , 1982, 36, 742-752.	1.1	67
67	TOWARD COMMUNITY GENOMICS?. <i>Ecology</i> , 2003, 84, 598-601.	1.5	67
68	Coexistence under positive frequency dependence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 273-277.	1.2	63
69	Shared Forces of Sex Chromosome Evolution in Haploid-Mating and Diploid-Mating Organisms Sequence data from this article have been deposited with the EMBL/GenBank Data Libraries under the accession nos. BZ81929 and BZ782612.. <i>Genetics</i> , 2004, 168, 141-146.	1.2	63
70	Spatial and Temporal Heterogeneity Explain Disease Dynamics in a Spatially Explicit Network Model. <i>American Naturalist</i> , 2008, 172, 149-159.	1.0	61
71	Soil microbes and community coalescence. <i>Pedobiologia</i> , 2016, 59, 37-40.	0.5	61
72	Vector Behavior and the Transmission of Anther-smut Infection in <i>Silene alba</i> . <i>American Midland Naturalist</i> , 1998, 139, 147-163.	0.2	59

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73	Herbarium studies on the distribution of anther-smut fungus (<i>Microbotryum violaceum</i>) and <i>Silene</i> species (Caryophyllaceae) in the eastern United States. <i>American Journal of Botany</i> , 2003, 90, 1522-1531.	0.8	57
74	TWO-STEP INFECTION PROCESSES CAN LEAD TO COEVOLUTION BETWEEN FUNCTIONALLY INDEPENDENT INFECTION AND RESISTANCE PATHWAYS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2030-2041.	1.1	57
75	Plant venereal diseases: insights from a messy metaphor. <i>New Phytologist</i> , 2005, 165, 71-80.	3.5	55
76	Experimental ecological genetics in <i>Plantago</i> . III. Genetic variation and demography in relation to survival of <i>Plantago cordata</i> , a rare species. <i>Biological Conservation</i> , 1978, 14, 243-257.	1.9	54
77	Was the 1918 flu avian in origin?. <i>Nature</i> , 2006, 440, E9-E9.	13.7	54
78	Evolution by Any Other Name: Antibiotic Resistance and Avoidance of the E-Word. <i>PLoS Biology</i> , 2007, 5, e30.	2.6	52
79	Evolution in closely adjacent plant populations VI. Manifold effects of gene flow. <i>Heredity</i> , 1968, 23, 508-524.	1.2	51
80	NEGATIVE FREQUENCY DEPENDENCE AND THE IMPORTANCE OF SPATIAL SCALE. <i>Ecology</i> , 2002, 83, 21-27.	1.5	51
81	Transmission dynamics: critical questions and challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160087.	1.8	49
82	DETERMINANTS OF OUTCROSSING RATE IN A PREDOMINANTLY SELF-FERTILIZING WEED, <i>DATURA STRAMONIUM</i> (SOLANACEAE). , 1992, 79, 419.		48
83	What is a vector?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160085.	1.8	47
84	The Evolutionary Dys-Synthesis: Which Bottles for Which Wine?. <i>American Naturalist</i> , 1987, 129, 321-331.	1.0	45
85	Transmission and temporal dynamics of anther-smut disease (<i>Microbotryum</i>) on alpine carnation (<i>Dianthus pavonius</i>). <i>Journal of Ecology</i> , 2017, 105, 1413-1424.	1.9	45
86	Allocation to Sexual versus Nonsexual Disease Transmission. <i>American Naturalist</i> , 1998, 151, 29-45.	1.0	43
87	INTER- AND INTRASPECIFIC VARIATION OF MOSSES IN TOLERANCE TO COPPER AND ZINC. <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 1312-1325.	1.1	42
88	BREEDING SYSTEM EVOLUTION IN <i>LEAVENWORTHIA</i> : BREEDING SYSTEM VARIATION AND REPRODUCTIVE SUCCESS IN NATURAL POPULATIONS OF <i>LEAVENWORTHIA CRASSA</i> (CRUCIFERAE). <i>American Journal of Botany</i> , 1991, 78, 270-287.	0.8	42
89	Two-Celled Promycelia and Mating-Type Segregation in <i>Ustilago violacea</i> (<i>Microbotryum violaceum</i>). <i>International Journal of Plant Sciences</i> , 1998, 159, 199-205.	0.6	42
90	Long-Term Study of a Plant-Pathogen Metapopulation. , 2004, , 471-488.		42

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91	Adaptation to heterogeneous environments. III.* The inheritance of response to spacing in flax and linseed (<i>Linum usitatissimum</i>). Australian Journal of Agricultural Research, 1976, 27, 649.	1.5	41
92	Density-Dependence in <i>Salvia Lyrata</i> , A Herbaceous Perennial: The Effects of Experimental Alteration of Seed Densities. Journal of Ecology, 1986, 74, 797.	1.9	41
93	Polymorphism in sexual versus non-sexual disease transmission. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 581-587.	1.2	41
94	The effects of a heterogeneous environment on the genetics of natural populations. American Scientist, 1971, 59, 593-9.	0.1	41
95	Interactive effects of root endophytes and arbuscular mycorrhizal fungi on an experimental plant community. Oecologia, 2014, 174, 263-270.	0.9	40
96	Frequency-dependent selection and competition: empirical approaches. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1988, 319, 601-613.	2.4	39
97	Spatiotemporal Dynamics in Marginal Populations. American Naturalist, 2006, 167, 16-27.	1.0	39
98	BUTTERFLYWEED REVISITED: SPATIAL AND TEMPORAL PATTERNS OF LEAF SHAPE VARIATION IN <i>ASCLEPIAS TUBEROSA</i> . Evolution; International Journal of Organic Evolution, 1981, 35, 529-542.	1.1	38
99	Experimental Ecological Genetics in <i>Plantago</i> : A Structural Equation Approach to Fitness Components in <i>P. Aristata</i> and <i>P. Patagonica</i> . Ecology, 1983, 64, 1092-1099.	1.5	38
100	The distribution of mating-type bias in natural populations of the anther-smut <i>Ustilago violacea</i> on <i>Silene alba</i> in Virginia. Mycologia, 1998, 90, 372-381.	0.8	38
101	The effect of sterilizing diseases on host abundance and distribution along environmental gradients. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1443-1448.	1.2	38
102	IS male-sterility in plants related to lack of cyanide-resistant respiration in tissues?. Plant Science, 1986, 44, 7-11.	1.7	36
103	INTRATETRAD MATING AND THE EVOLUTION OF LINKAGE RELATIONSHIPS. Evolution; International Journal of Organic Evolution, 2004, 58, 702-709.	1.1	36
104	QUANTITATIVE VARIATION OF PROGENY FROM CHASMOGAMOUS AND CLEISTOGAMOUS FLOWERS IN THE GRASS <i>DANTHONIA SPICATA</i> . Evolution; International Journal of Organic Evolution, 1985, 39, 335-348.	1.1	31
105	Karyotypic similarity identifies multiple host-shifts of a pathogenic fungus in natural populations. Infection, Genetics and Evolution, 2003, 2, 167-172.	1.0	30
106	Biology and evolution of sexual transmission. Annals of the New York Academy of Sciences, 2011, 1230, 12-24.	1.8	30
107	ZINC AND COPPER TOLERANCE OF <i>AGROSTIS STOLONIFERA</i> L. IN TISSUE CULTURE. , 1978, 65, 268.		30
108	Relationship of phenotypic and genetic variation in <i>Plantago lanceolata</i> to disease caused by <i>Fusarium moniliforme</i> var. <i>subglutinans</i> . Oecologia, 1984, 65, 89-93.	0.9	29

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109	The Distribution of Mating-Type Bias in Natural Populations of the Anther-Smut <i>Ustilago violacea</i> on <i>Silene alba</i> in Virginia. <i>Mycologia</i> , 1998, 90, 372.	0.8	29
110	PARTIAL RESISTANCE IN THE LINUM-MELAMPSORA HOST-PATHOGEN SYSTEM: DOES PARTIAL RESISTANCE MAKE THE RED QUEEN RUN SLOWER?. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 512-522.	1.1	29
111	ZINC AND COPPER TOLERANCE OF <i>AGROSTIS STOLONIFERA</i> L. IN TISSUE CULTURE. <i>American Journal of Botany</i> , 1978, 65, 268-271.	0.8	28
112	Co-occurrence and hybridization of anther-smut pathogens specialized on <i>Dianthus</i> hosts. <i>Molecular Ecology</i> , 2017, 26, 1877-1890.	2.0	28
113	Growth performance of triazine-resistant and -susceptible biotypes of <i>Solanum nigrum</i> over a range of temperatures. <i>Canadian Journal of Botany</i> , 1988, 66, 847-850.	1.2	27
114	A population genetic analysis of chloroplast DNA in <i>Phacelia</i> . <i>Heredity</i> , 1996, 76, 143-155.	1.2	26
115	Theoretical Population Genetics of Mating-Type Linked Haplo-Lethal Alleles. <i>International Journal of Plant Sciences</i> , 1998, 159, 192-198.	0.6	26
116	Variation in resistance to multiple pathogen species: anther smuts of <i>Silene uniflora</i> . <i>Ecology and Evolution</i> , 2012, 2, 2304-2314.	0.8	26
117	Emerging and Reemerging Infectious Diseases: A Multidisciplinary Perspective. <i>American Journal of the Medical Sciences</i> , 1998, 315, 64-75.	0.4	26
118	Temporal mechanisms influencing gender expression and pollen flow within a self-incompatible perennial, <i>Amianthium muscaetoxicum</i> (Liliaceae). <i>Oecologia</i> , 1989, 78, 231-236.	0.9	25
119	Correlation between male and female reproduction in the subdioecious herb <i>Astilbe biternata</i> (Saxifragaceae). <i>American Journal of Botany</i> , 2000, 87, 837-844.	0.8	24
120	Spatio-temporal dynamics of bumblebee nest parasites (<i>Bombus</i> subgenus <i>Psythirus</i> ssp.) and their hosts (<i>Bombus</i> spp.). <i>Journal of Animal Ecology</i> , 2011, 80, 999-1011.	1.3	23
121	Is there a disease-free halo at species range limits? The codistribution of anther-smut disease and its host species. <i>Journal of Ecology</i> , 2019, 107, 1-11.	1.9	21
122	Mating Within the Meiotic Tetrad and the Maintenance of Genomic Heterozygosity. <i>Genetics</i> , 2004, 166, 1751-1759.	1.2	21
123	EXPERIMENTAL ECOLOGICAL GENETICS IN <i>PLANTAGO</i> IV. EFFECTS OF TEMPERATURE ON GROWTH RATES AND REPRODUCTION IN THREE POPULATIONS OF <i>PLANTAGO LANCEOLATA</i> L. (PLANTAGINACEAE). <i>American Journal of Botany</i> , 1981, 68, 425-434.	0.8	20
124	Seasonal pollen flow and progeny diversity in <i>Amianthium muscaetoxicum</i> : ecological potential for multiple mating in a self-incompatible, hermaphroditic perennial. <i>Oecologia</i> , 1988, 77, 19-24.	0.9	20
125	THE EVOLUTION OF INTRATETRAD MATING RATES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2525-2532.	1.1	20
126	Elevational disease distribution in a natural plant-pathogen system: insights from changes across host populations and climate. <i>Oikos</i> , 2014, 123, 1126-1136.	1.2	19

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127	BREEDING SYSTEM EVOLUTION IN LEAVENWORTHIA: BREEDING SYSTEM VARIATION AND REPRODUCTIVE SUCCESS IN NATURAL POPULATIONS OF LEAVENWORTHIA CRASSA (CRUCIFERAE). , 1991, 78, 270.		19
128	DEMOGRAPHIC GENETICS OF THE GRASS <i>DANTHONIA SPICATA</i> : SUCCESS OF PROGENY FROM CHASMOGAMOUS AND CLEISTOGAMOUS FLOWERS. Evolution; International Journal of Organic Evolution, 1985, 39, 205-210.	1.1	18
129	Local transmission processes and disease-driven host extinctions. Theoretical Ecology, 2012, 5, 211-217.	0.4	18
130	Sober on Brandon on Screening-Off and the Levels of Selection. Philosophy of Science, 1994, 61, 475-486.	0.5	18
131	Co-occurrence among three divergent plant-associated fungi in the same <i>Silene</i> host species. Molecular Ecology, 2018, 27, 3357-3370.	2.0	17
132	Evolutionary Determinants of Genetic Variation in Susceptibility to Infectious Diseases in Humans. PLoS ONE, 2012, 7, e29089.	1.1	16
133	Microbial biospherics: The experimental study of ecosystem function and evolution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11093-11098.	3.3	16
134	Population Dynamics with a Refuge: Fractal Basins and the Suppression of Chaos. Theoretical Population Biology, 2002, 62, 121-128.	0.5	15
135	Tissue Culture and Quantification of Individual-Level Resistance to Anther Smut Disease in <i>Silene vulgaris</i> . International Journal of Plant Sciences, 2007, 168, 415-419.	0.6	15
136	Rate of resistance evolution and polymorphism in long- and short-lived hosts. Evolution; International Journal of Organic Evolution, 2015, 69, 551-560.	1.1	14
137	Plant species descriptions show signs of disease. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S156-8.	1.2	13
138	Predicting local colonization and extinction dynamics from coarser-scale surveys. Ecography, 2008, 31, 61-72.	2.1	13
139	Myristate and the ecology of AM fungi: significance, opportunities, applications and challenges. New Phytologist, 2020, 227, 1610-1614.	3.5	13
140	Population Dynamics with Global Regulation: The Conserved Fisher Equation. Physical Review Letters, 2004, 92, 228103.	2.9	12
141	Dioecy, hermaphrodites and pathogen load in plants. Oikos, 2011, 120, 657-660.	1.2	12
142	EXPERIMENTAL ECOLOGICAL GENETICS IN PLANTAGO IV. EFFECTS OF TEMPERATURE ON GROWTH RATES AND REPRODUCTION IN THREE POPULATIONS OF PLANTAGO LANCEOLATA L. (PLANTAGINACEAE). , 1981, 68, 425.		11
143	Effect of the anther smut fungus <i>Microbotryum</i> on the juvenile growth of its host <i>Silene latifolia</i> . American Journal of Botany, 2018, 105, 1088-1095.	0.8	10
144	Criteria for the Validation or Invalidation of the Competitive Exclusion Principle. Nature, 1972, 237, 406-408.	13.7	9

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146	The evolution of mutualism from reciprocal parasitism: more ecological clothes for the Prisoner's Dilemma. <i>Evolutionary Ecology</i> , 2015, 29, 627-641.	0.5	9
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