# Joy Bergelson

List of Publications by Year
in descending order



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|---|---|---|---|
| 148 papers | 22,757 citations | 12330 69 h-index | 9589 142 g-index |
| 175 all docs | 175 docs citations | 175 times ranked | 19503 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Species-specific partial gene duplication in <i>Arabidopsis thaliana</i> evolved novel phenotypic effects on morphological traits under strong positive selection. Plant Cell, 2022, 34, 802-817. | 6.6 | 15 |
| 2 | Genome-wide association mapping within a local <i>Arabidopsis thaliana</i> population more fully reveals the genetic architecture for defensive metabolite diversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, . | 4.0 | 12 |
| 3 | Natural Bacterial Assemblages in Arabidopsis thaliana Tissues Become More Distinguishable and Diverse during Host Development. MBio, 2021, 12, . | 4.1 | 18 |
| 4 | Metabolic Profile Discriminates and Predicts Arabidopsis Susceptibility to Virus under Field Conditions. Metabolites, 2021, 11, 230. | 2.9 | 1 |
| 5 | Functional biology in its natural context: A search for emergent simplicity. ELife, 2021, 10, . | 6.0 | 34 |
| 6 | Assessing the potential to harness the microbiome through plant genetics. Current Opinion in Biotechnology, 2021, 70, 167-173. | 6.6 | 25 |
| 7 | Current status of the multinational Arabidopsis community. Plant Direct, 2020, 4, e00248. | 1.9 | 13 |
| 8 | The study of hostâ€“microbiome (co)evolution across levels of selection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190604. | 4.0 | 69 |
| 9 | Population Genetics of the Highly Polymorphic RPP8 Gene Family. Genes, 2019, 10, 691. | 2.4 | 12 |
| 10 | Genomeâ€wide association studies on the phyllosphere microbiome: Embracing complexity in hostâ€“microbe interactions. Plant Journal, 2019, 97, 164-181. | 5.7 | 77 |
| 11 | Characterizing both bacteria and fungi improves understanding of the Arabidopsis root microbiome. Scientific Reports, 2019, 9, 24. | 3.3 | 135 |
| 12 | Genomeâ€wide association study reveals new loci involved in <i>Arabidopsis thaliana</i> and <i>Turnip mosaic virus</i> (Tu<scp>MV</scp>) interactions in the field. New Phytologist, 2019, 221, 2026-2038. | 7.3 | 30 |
| 13 | Two-way mixed-effects methods for joint association analysis using both host and pathogen genomes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5440-E5449. | 7.1 | 52 |
| 14 | The molecular genetic basis of herbivory between butterflies and their host plants. Nature Ecology and Evolution, 2018, 2, 1418-1427. | 7.8 | 56 |
| 15 | The rate and potential relevance of new mutations in a colonizing plant lineage. PLoS Genetics, 2018, 14, e1007155. | 3.5 | 116 |
| 16 | Mechanisms to Mitigate the Trade-Off between Growth and Defense. Plant Cell, 2017, 29, 666-680. | 6.6 | 436 |
| 17 | Intermediate degrees of synergistic pleiotropy drive adaptive evolution in ecological time. Nature Ecology and Evolution, 2017, 1, 1551-1561. | 7.8 | 89 |
| 18 | Similar levels of gene content variation observed for Pseudomonas syringae populations extracted from single and multiple host species. PLoS ONE, 2017, 12, e0184195. | 2.5 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Differentiation between MAMP Triggered Defenses in Arabidopsis thaliana. PLoS Genetics, 2016, 12, e1006068. | 3.5 | 33 |
| 20 | The Genetics Underlying Natural Variation in the Biotic Interactions of Arabidopsis thaliana. Current Topics in Developmental Biology, 2016, 119, 111-156. | 2.2 | 39 |
| 21 | Epigenomic Diversity in a Global Collection of Arabidopsis thaliana Accessions. Cell, 2016, 166, 492-505. | 28.9 | 594 |
| 22 | Genetic architecture and pleiotropy shape costs of Rps2-mediated resistance in Arabidopsis thaliana. Nature Plants, 2016, 2, 16110. | 9.3 | 48 |
| 23 | 1,135 Genomes Reveal the Global Pattern of Polymorphism in Arabidopsis thaliana. Cell, 2016, 166, 481-491. | 28.9 | 1,107 |
| 24 | Modulation of<i>R</i>-gene expression across environments. Journal of Experimental Botany, 2016, 67, 2093-2105. | 4.8 | 40 |
| 25 | A Proposal Regarding Best Practices for Validating the Identity of Genetic Stocks and the Effects of Genetic Variants. Plant Cell, 2016, 28, 606-609. | 6.6 | 31 |
| 26 | 16Stimator: statistical estimation of ribosomal gene copy numbers from draft genome assemblies. ISME Journal, 2016, 10, 1020-1024. | 9.8 | 40 |
| 27 | A genomeâ€wide survey reveals abundant rice blast <i>R</i>Âgenes in resistant cultivars. Plant Journal, 2015, 84, 20-28. | 5.7 | 42 |
| 28 | Century-scale Methylome Stability in a Recently Diverged Arabidopsis thaliana Lineage. PLoS Genetics, 2015, 11, e1004920. | 3.5 | 148 |
| 29 | Coselected genes determine adaptive variation in herbivore resistance throughout the native range of <i>Arabidopsis thaliana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4032-4037. | 7.1 | 117 |
| 30 | 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. | 5.9 | 122 |
| 31 | Unique features of the m6A methylome in Arabidopsis thaliana. Nature Communications, 2014, 5, 5630. | 12.8 | 342 |
| 32 | Genomic variability as a driver of plantâ€“pathogen coevolution?. Current Opinion in Plant Biology, 2014, 18, 24-30. | 7.1 | 119 |
| 33 | Genome-wide association study of Arabidopsis thaliana leaf microbial community. Nature Communications, 2014, 5, 5320. | 12.8 | 322 |
| 34 | The long-term maintenance of a resistance polymorphism through diffuse interactions. Nature, 2014, 512, 436-440. | 27.8 | 182 |
| 35 | The role of glucosinolates and the jasmonic acid pathway in resistance of <i>Arabidopsis thaliana</i> against molluscan herbivores. Molecular Ecology, 2014, 23, 1188-1203. | 3.9 | 95 |
| 36 | Investigation of the geographical scale of adaptive phenological variation and its underlying genetics in <i><scp>A</scp>rabidopsis thaliana</i>. Molecular Ecology, 2013, 22, 4222-4240. | 3.9 | 101 |

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| 37 | Genome-wide association mapping of flowering time in<i>Arabidopsis thaliana</i>in nature: genetics for underlying components and reaction norms across two successive years. Acta Botanica Gallica, 2013, 160, 205-219. | 0.9 | 19 |
| 38 | An Atypical Kinase under Balancing Selection Confers Broad-Spectrum Disease Resistance in Arabidopsis. PLoS Genetics, 2013, 9, e1003766. | 3.5 | 117 |
| 39 | Bacterial Communities Associated with the Leaves and the Roots of Arabidopsis thaliana. PLoS ONE, 2013, 8, e56329. | 2.5 | 679 |
| 40 | Flagellin Perception Varies Quantitatively in Arabidopsis thaliana and Its Relatives. Molecular Biology and Evolution, 2012, 29, 1655-1667. | 8.9 | 77 |
| 41 | Genome-wide patterns of genetic variation in worldwide Arabidopsis thaliana accessions from the RegMap panel. Nature Genetics, 2012, 44, 212-216. | 21.4 | 476 |
| 42 | Adaptation to Climate Across the <i>Arabidopsis thaliana</i> Genome. Science, 2011, 334, 83-86. | 12.6 | 636 |
| 43 | Analysis and visualization of Arabidopsis thaliana GWAS using web 2.0 technologies. Database: the Journal of Biological Databases and Curation, 2011, 2011, bar014-bar014. | 3.0 | 8 |
| 44 | Cheating, trade-offs and the evolution of aggressiveness in a natural pathogen population. Ecology Letters, 2011, 14, 1149-1157. | 6.4 | 58 |
| 45 | Source verification of misâ€identified <i>Arabidopsis thaliana</i> accessions. Plant Journal, 2011, 67, 554-566. | 5.7 | 63 |
| 46 | MALADAPTATION IN WILD POPULATIONS OF THE GENERALIST PLANT PATHOGEN PSEUDOMONAS SYRINGAE. Evolution; International Journal of Organic Evolution, 2011, 65, 818-830. | 2.3 | 70 |
| 47 | The Arabidopsis lyrata genome sequence and the basis of rapid genome size change. Nature Genetics, 2011, 43, 476-481. | 21.4 | 814 |
| 48 | Plant immune system incompatibility and the distribution of enemies in natural hybrid zones. Current Opinion in Plant Biology, 2010, 13, 466-471. | 7.1 | 20 |
| 49 | Genome-wide association study of 107 phenotypes in Arabidopsis thaliana inbred lines. Nature, 2010, 465, 627-631. | 27.8 | 1,651 |
| 50 | Natural allelic variation underlying a major fitness trade-off in Arabidopsis thaliana. Nature, 2010, 465, 632-636. | 27.8 | 378 |
| 51 | Towards identifying genes underlying ecologically relevant traits in Arabidopsis thaliana. Nature Reviews Genetics, 2010, 11, 867-879. | 16.3 | 297 |
| 52 | Impact of Initial Pathogen Density on Resistance and Tolerance in a Polymorphic Disease Resistance Gene System in <i>Arabidopsis thaliana</i>. Genetics, 2010, 185, 283-291. | 2.9 | 29 |
| 53 | Linkage and Association Mapping of Arabidopsis thaliana Flowering Time in Nature. PLoS Genetics, 2010, 6, e1000940. | 3.5 | 415 |
| 54 | MARTA: a suite of Java-based tools for assigning taxonomic status to DNA sequences. Bioinformatics, 2010, 26, 568-569. | 4.1 | 67 |

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| 55 | A Coastal Cline in Sodium Accumulation in Arabidopsis thaliana Is Driven by Natural Variation of the Sodium Transporter AtHKT1;1. PLoS Genetics, 2010, 6, e1001193. | 3.5 | 317 |
| 56 | The Scale of Population Structure in Arabidopsis thaliana. PLoS Genetics, 2010, 6, e1000843. | 3.5 | 338 |
| 57 | The ARABIDOPSIS Accession Pna-10 Is a Naturally Occurring sng1 Deletion Mutant. Molecular Plant, 2010, 3, 91-100. | 8.3 | 28 |
| 58 | Association mapping of local climate-sensitive quantitative trait loci in <i>Arabidopsis thaliana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21199-21204. | 7.1 | 278 |
| 59 | Variation in the Ratio of Nucleotide Substitution and Indel Rates across Genomes in Mammals and Bacteria. Molecular Biology and Evolution, 2009, 26, 1523-1531. | 8.9 | 115 |
| 60 | Continua of specificity and virulence in plant hostâ€“pathogen interactions: causes and consequences. New Phytologist, 2009, 183, 513-529. | 7.3 | 176 |
| 61 | Quantitative fitness effects of infection in a geneâ€forâ€gene system. New Phytologist, 2009, 184, 485-494. | 7.3 | 18 |
| 62 | Single-nucleotide mutation rate increases close to insertions/deletions in eukaryotes. Nature, 2008, 455, 105-108. | 27.8 | 226 |
| 63 | Root Exudates Regulate Soil Fungal Community Composition and Diversity. Applied and Environmental Microbiology, 2008, 74, 738-744. | 3.1 | 659 |
| 64 | Low Levels of Polymorphism in Genes That Control the Activation of Defense Response in<i>Arabidopsis thaliana</i>. Genetics, 2008, 178, 2031-2043. | 2.9 | 57 |
| 65 | Molecular Evolution of Pathogenicity-Island Genes in <i>Pseudomonas viridiflava</i>. Genetics, 2007, 177, 1031-1041. | 2.9 | 10 |
| 66 | The Role of Pectate Lyase and the Jasmonic Acid Defense Response in Pseudomonas viridiflava Virulence. Molecular Plant-Microbe Interactions, 2007, 20, 146-158. | 2.6 | 28 |
| 67 | SAR INCREASES FITNESS OF ARABIDOPSIS THALIANA IN THE PRESENCE OF NATURAL BACTERIAL PATHOGENS. Evolution; International Journal of Organic Evolution, 2007, 61, 2444-2449. | 2.3 | 63 |
| 68 | Salicylic Acid and Jasmonic Acid Signaling Defense Pathways Reduce Natural Bacterial Diversity on <i>Arabidopsis thaliana</i>. Molecular Plant-Microbe Interactions, 2007, 20, 1512-1522. | 2.6 | 144 |
| 69 | Fitness consequences of infection of Arabidopsis thaliana with its natural bacterial pathogen Pseudomonas viridiflava. Oecologia, 2007, 152, 71-81. | 2.0 | 27 |
| 70 | VARIATION IN RESISTANCE AND VIRULENCE IN THE INTERACTION BETWEEN ARABIDOPSIS THALIANA AND A BACTERIAL PATHOGEN. Evolution; International Journal of Organic Evolution, 2006, 60, 1562-1573. | 2.3 | 51 |
| 71 | On testing for a tradeoff between constitutive and induced resistance. Oikos, 2006, 112, 102-110. | 2.7 | 84 |
| 72 | Distribution of genetic variation within and among local populations of Arabidopsis thaliana over its species range. Molecular Ecology, 2006, 15, 1405-1418. | 3.9 | 89 |

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| 73 | A Genome-Wide Survey of R Gene Polymorphisms in Arabidopsis. Plant Cell, 2006, 18, 1803-1818. | 6.6 | 309 |
| 74 | VARIATION IN RESISTANCE AND VIRULENCE IN THE INTERACTION BETWEEN ARABIDOPSIS THALIANA AND A BACTERIAL PATHOGEN. Evolution; International Journal of Organic Evolution, 2006, 60, 1562. | 2.3 | 2 |
| 75 | Presence/absence polymorphism for alternative pathogenicity islands in Pseudomonas viridiflava, a pathogen of Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5887-5892. | 7.1 | 78 |
| 76 | Variation in resistance and virulence in the interaction between Arabidopsis thaliana and a bacterial pathogen. Evolution; International Journal of Organic Evolution, 2006, 60, 1562-73. | 2.3 | 21 |
| 77 | Scarlet gilia resistance to insect herbivory: the effects of early season browsing, plant apparency, and phytochemistry on patterns of seed fly attack. Evolutionary Ecology, 2005, 19, 79-101. | 1.2 | 29 |
| 78 | The Pattern of Polymorphism in Arabidopsis thaliana. PLoS Biology, 2005, 3, e196. | 5.6 | 895 |
| 79 | Genome-Wide Association Mapping in Arabidopsis Identifies Previously Known Flowering Time and Pathogen Resistance Genes. PLoS Genetics, 2005, 1, e60. | 3.5 | 378 |
| 80 | Reduced Genetic Variation Occurs among Genes of the Highly Clonal Plant Pathogen Xanthomonas axonopodis pv. vesicatoria, Including the Effector Gene avrBs2. Applied and Environmental Microbiology, 2005, 71, 2418-2432. | 3.1 | 36 |
| 81 | Genetic Diversity, Recombination and Cryptic Clades in Pseudomonas viridiflava Infecting Natural Populations of Arabidopsis thalianaSequence data from this article have been deposited with the EMBL/GenBank Data Libraries under accession nos. AY604840, AY604841, AY604842, AY604843, AY604844, AY604845, AY604846, AY604847, AY604848 and AY606338, AY606800,. Genetics, 2005, 169, 21-35. | 2.9 | 50 |
| 82 | Genome-wide association mapping in Arabidopsis thaliana identifies previously known genes responsible for variation in flowering time and pathogen resistance. PLoS Genetics, 2005, preprint, e60. | 3.5 | 3 |
| 83 | Effector Genes ofXanthamonas axonopodispv.vesicatoriaPromote Transmission and Enhance Other Fitness Traits in the Field. Genetics, 2004, 166, 693-706. | 2.9 | 80 |
| 84 | A Novel Cost of R Gene Resistance in the Presence of Disease. American Naturalist, 2004, 163, 489-504. | 2.1 | 70 |
| 85 | Salicylic acid inhibits jasmonic acid-induced resistance of Arabidopsis thaliana to Spodoptera exigua. Molecular Ecology, 2004, 13, 1643-1653. | 3.9 | 197 |
| 86 | Effector Genes of <i>Xanthamonas axonopodis</i> pv. <i>vesicatoria</i> Promote Transmission and Enhance Other Fitness Traits in the Field. Genetics, 2004, 166, 693-706. | 2.9 | 17 |
| 87 | Genetic variation and relationships of constitutive and herbivore-induced glucosinolates, trypsin inhibitors, and herbivore resistance in Brassica rapa. Journal of Chemical Ecology, 2003, 29, 285-302. | 1.8 | 25 |
| 88 | Costs of induced responses in plants. Basic and Applied Ecology, 2003, 4, 79-89. | 2.7 | 200 |
| 89 | Negative crossâ€talk between salicylateâ€•and jasmonateâ€mediated pathways in the Wassilewskija ecotype of Arabidopsis thaliana. Molecular Ecology, 2003, 12, 1125-1135. | 3.9 | 79 |
| 90 | Fitness costs of R-gene-mediated resistance in Arabidopsis thaliana. Nature, 2003, 423, 74-77. | 27.8 | 697 |

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|---|---|---|---|
| 91 | Interactive Effects of Jasmonic Acid, Salicylic Acid, and Gibberellin on Induction of Trichomes in Arabidopsis. Plant Physiology, 2003, 133, 1367-1375. | 4.8 | 328 |
| 92 | A Developmental Response to Pathogen Infection in Arabidopsis. Plant Physiology, 2003, 133, 339-347. | 4.8 | 119 |
| 93 | Natural Selection for Polymorphism in the Disease Resistance Gene <i>Rps2</i> of <i>Arabidopsis thaliana</i>. Genetics, 2003, 163, 735-746. | 2.9 | 177 |
| 94 | Signature of balancing selection in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11525-11530. | 7.1 | 245 |
| 95 | The Spatial Scale of Genotype by Environment Interaction (GEI) for Fitness in the Looseâ€Flowered Gilia,Ipomopsis laxiflora(Polemoniaceae). International Journal of Plant Sciences, 2002, 163, 613-618. | 1.3 | 7 |
| 96 | Pseudomonas viridiflava and P. syringaeâ€"Natural Pathogens of Arabidopsis thaliana. Molecular Plant-Microbe Interactions, 2002, 15, 1195-1203. | 2.6 | 84 |
| 97 | The extent of linkage disequilibrium in Arabidopsis thaliana. Nature Genetics, 2002, 30, 190-193. | 21.4 | 425 |
| 98 | Interspecific competition affects growth and herbivore damage of Brassica napus in the field. Plant Ecology, 2002, 162, 227-231. | 1.6 | 34 |
| 99 | Models and Data on Plant-Enemy Coevolution. Annual Review of Genetics, 2001, 35, 469-499. | 7.6 | 157 |
| 100 | Evolutionary Dynamics of Plant R-Genes. Science, 2001, 292, 2281-2285. | 12.6 | 471 |
| 101 | Diamondback moth compensatory consumption of protease inhibitor-transformed plants. Molecular Ecology, 2001, 10, 1069-1074. | 3.9 | 52 |
| 102 | Plant density and nutrient availability constrain constitutive and wound-induced expression of trypsin inhibitors in Brassica napus. , 2001, 27, 593-610. | | 111 |
| 103 | Factors affecting the spread of resistant Arabidopsis thaliana populations. , 2001, , 17-31. | | 4 |
| 104 | THE EVOLUTION OF COMPENSATION TO HERBIVORY IN SCARLET GILIA, IPOMOPSIS AGGREGATA: HERBIVORE-IMPOSED NATURAL SELECTION AND THE QUANTITATIVE GENETICS OF TOLERANCE. Evolution; International Journal of Organic Evolution, 2000, 54, 764-777. | 2.3 | 133 |
| 105 | EVOLUTIONARY ECOLOGY OF THE TROPANE ALKALOIDS OF DATURA STRAMONIUM L. (SOLANACEAE). Evolution; International Journal of Organic Evolution, 2000, 54, 778-788. | 2.3 | 121 |
| 106 | Biotic interactions. Current Opinion in Plant Biology, 2000, 3, 273-277. | 7.1 | 25 |
| 107 | Environmental and Developmental Regulation of Trypsin Inhibitor Activity in Brassica napus. Journal of Chemical Ecology, 2000, 26, 1411-1422. | 1.8 | 33 |
| 108 | Effects of simulated grazing on different genotypes of Bouteloua gracilis : how important is morphology?. Oecologia, 2000, 123, 66-74. | 2.0 | 38 |

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| 109 | Factors limiting rosette recruitment in scarlet gilia, Ipomopsis aggregata : seed and disturbance limitation. Oecologia, 2000, 123, 358-363. | 2.0 | 33 |
| 110 | THE EVOLUTION OF COMPENSATION TO HERBIVORY IN SCARLET GILIA, IPOMOPSIS AGGREGATA: HERBIVORE-IMPOSED NATURAL SELECTION AND THE QUANTITATIVE GENETICS OF TOLERANCE. Evolution; International Journal of Organic Evolution, 2000, 54, 764. | 2.3 | 18 |
| 111 | DOES EARLY SEASON BROWSING INFLUENCE THE EFFECT OF SELF-POLLINATION IN SCARLET GILIA?. Ecology, 2000, 81, 41-48. | 3.2 | 20 |
| 112 | EVOLUTIONARY ECOLOGY OF THE TROPANE ALKALOIDS OF DATURA STRAMONIUM L. (SOLANACEAE). Evolution; International Journal of Organic Evolution, 2000, 54, 778. | 2.3 | 11 |
| 113 | Exploring the Physiological Basis of Costs of Herbicide Resistance inArabidopsis thaliana. American Naturalist, 1999, 154, S82-S91. | 2.1 | 58 |
| 114 | Deliberate Introductions of Species: Research Needs. BioScience, 1999, 49, 619-630. | 4.9 | 223 |
| 115 | Dynamics of disease resistance polymorphism at the Rpm1 locus of Arabidopsis. Nature, 1999, 400, 667-671. | 27.8 | 551 |
| 116 | The effect of seed and rosette cold treatment on germination and flowering time in some Arabidopsis thaliana (Brassicaceae) ecotypes. American Journal of Botany, 1999, 86, 470-475. | 1.7 | 117 |
| 117 | Promiscuity in transgenic plants. Nature, 1998, 395, 25-25. | 27.8 | 81 |
| 118 | Pairwise Versus Diffuse Natural Selection and the Multiple Herbivores of Scarlet Gilia, Ipomopsis aggregata. Evolution; International Journal of Organic Evolution, 1998, 52, 1583. | 2.3 | 57 |
| 119 | Habitats of native and exotic plants in Colorado shortgrass steppe: a comparative approach. Canadian Journal of Botany, 1998, 76, 664-672. | 1.1 | 20 |
| 120 | PAIRWISE VERSUS DIFFUSE NATURAL SELECTION AND THE MULTIPLE HERBIVORES OF SCARLET GILIA, <i>IPOMOPSIS AGGREGATA</i>. Evolution; International Journal of Organic Evolution, 1998, 52, 1583-1592. | 2.3 | 108 |
| 121 | Genetic Variation Within and Among Populations of Arabidopsis thaliana. Genetics, 1998, 148, 1311-1323. | 2.9 | 180 |
| 122 | Habitats of native and exotic plants in Colorado shortgrass steppe: a comparative approach. Canadian Journal of Botany, 1998, 76, 664-672. | 1.1 | 35 |
| 123 | BLOCKING FACTORS AND HYPOTHESIS TESTS IN ECOLOGY: IS YOUR STATISTICS TEXT WRONG?. Ecology, 1997, 78, 1312-1320. | 3.2 | 186 |
| 124 | POLLEN AND RESOURCE LIMITATION OF COMPENSATION TO HERBIVORY IN SCARLET GILIA,IPOMOPSIS AGGREGATA. Ecology, 1997, 78, 1684-1695. | 3.2 | 114 |
| 125 | Pollen and Resource Limitation of Compensation to Herbivory in Scarlet Gilia, Ipomopsis Aggregata. Ecology, 1997, 78, 1684. | 3.2 | 27 |
| 126 | The Nuances of Variability: Beyond Mean Square Error and Platitudes about Fluctuating Environments. Ecology, 1997, 78, 1299-1300. | 3.2 | 5 |

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| 127 | Asymmetric Light Competition and Founder Control in Plant Communities. Journal of Theoretical Biology, 1997, 184, 353-358. | 1.7 | 34 |
| 128 | Fitness Consequences of Genetically Engineered Herbicide and Antibiotic Resistance in <i>Arabidopsis thaliana</i>. Genetics, 1997, 145, 807-814. | 2.9 | 80 |
| 129 | BLOCKING FACTORS AND HYPOTHESIS TESTS IN ECOLOGY: IS YOUR STATISTICS TEXT WRONG?. , 1997, 78, 1312. | | 5 |
| 130 | Regrowth Following Herbivory in Ipomopsis aggregata: Compensation but not Overcompensation. American Naturalist, 1996, 148, 744-755. | 2.1 | 77 |
| 131 | Surveying Patterns in the Cost of Resistance in Plants. American Naturalist, 1996, 148, 536-558. | 2.1 | 570 |
| 132 | Interplant Communication Revisited. Ecology, 1995, 76, 2660-2663. | 3.2 | 25 |
| 133 | Assessing weediness of transgenic crops: industry plays plant ecologist. Trends in Ecology and Evolution, 1995, 10, 340-342. | 8.7 | 25 |
| 134 | The Effects of Genotype and the Environment on Costs of Resistance in Lettuce. American Naturalist, 1994, 143, 349-359. | 2.1 | 137 |
| 135 | Changes in Fecundity Do Not Predict Invasiveness: A Model Study of Transgenic Plants. Ecology, 1994, 75, 249-252. | 3.2 | 70 |
| 136 | Details of local dispersion improve the fit of neighborhood competition models. Oecologia, 1993, 95, 299-302. | 2.0 | 9 |
| 137 | Rates of Weed Spread in Spatially Heterogeneous Environments. Ecology, 1993, 74, 999-1011. | 3.2 | 127 |
| 138 | Herbivory and Ipomopsis aggregata: The Disadvantages of Being Eaten. American Naturalist, 1992, 139, 870-882. | 2.1 | 105 |
| 139 | The effects of grazers on the performance of individuals and populations of scarlet gilia, Ipomopsis aggregata. Oecologia, 1992, 90, 435-444. | 2.0 | 63 |
| 140 | Competition between plants, before and after death. Trends in Ecology and Evolution, 1991, 6, 378-379. | 8.7 | 5 |
| 141 | Life After Death: Site Pre-Emption by the Remains of Poa Annua. Ecology, 1990, 71, 2157-2165. | 3.2 | 146 |
| 142 | Spatial Patterning in Plants: Opposing Effects of Herbivory and Competition. Journal of Ecology, 1990, 78, 937. | 4.0 | 40 |
| 143 | Interspecific Competition Between Seeds: Relative Planting Date and Density Affect Seedling Emergence. Ecology, 1989, 70, 1639-1644. | 3.2 | 63 |
| 144 | Does Foliage Damage Influence Predation on the Insect Herbivores of Birch?. Ecology, 1988, 69, 434-445. | 3.2 | 90 |

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| 145 | Barriers to movement and the response of herbivores to alternative cropping patterns. Oecologia, 1987, 71, 457-460. | 2.0 | 34 |
| 146 | Variance in search time: Do groups always reduce risk?. Animal Behaviour, 1986, 34, 289-291. | 1.9 | 2 |
| 147 | The effects of foliage damage on casebearing moth larvae, <i>Coleophora serratella</i>, feeding on birch. Ecological Entomology, 1986, 11, 241-250. | 2.2 | 67 |
| 148 | A Mechanistic Interpretation of Prey Selection by Anax junius Larvae (Odonata: Aeschnidae). Ecology, 1985, 66, 1699-1705. | 3.2 | 61 |