# Jessica Gurevitch

List of Publications by Year
in descending order



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|---|---|---|---|
| 99 papers | 18,336 citations | 46918 47 h-index | 54797 84 g-index |
| 109 all docs | 109 docs citations | 109 times ranked | 20261 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Managing forests for competing goals. Science, 2022, 376, 792-793. | 6.0 | 8 |
| 2 | Potential ecological impacts of climate intervention by reflecting sunlight to cool Earth. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 46 |
| 3 | Preferred reporting items for systematic reviews and metaâ€analyses in ecology and evolutionary biology: a <scp>PRISMA</scp> extension. Biological Reviews, 2021, 96, 1695-1722. | 4.7 | 203 |
| 4 | Resolution of Respect William M. Schaffer, 1945â€“2021. Bulletin of the Ecological Society of America, 2021, 102, e01884. | 0.2 | 0 |
| 5 | Using Meta-Analysis to Develop Evidence-Based Recovery Trajectories of Vegetation and Soils in Restored Wetlands in the Northern Gulf of Mexico. Estuaries and Coasts, 2020, 43, 1692-1710. | 1.0 | 11 |
| 6 | Consequences of multiple imputation of missing standard deviations and sample sizes in metaâ€analysis. Ecology and Evolution, 2020, 10, 11699-11712. | 0.8 | 26 |
| 7 | Reply to â€˜It is time for an empirically informed paradigm shift in animal researchâ€™. Nature Reviews Neuroscience, 2020, 21, 661-662. | 4.9 | 4 |
| 8 | Reproducibility of animal research in light of biological variation. Nature Reviews Neuroscience, 2020, 21, 384-393. | 4.9 | 193 |
| 9 | Increased reproduction under disturbance is responsible for high population growth rate of invasive Centaurea stoebe. Biological Invasions, 2020, 22, 1947-1956. | 1.2 | 5 |
| 10 | Open science and metaâ€analysis allow for rapid advances in ecology: A response to Menegotto et al. (2019). Global Ecology and Biogeography, 2019, 28, 1533-1534. | 2.7 | 2 |
| 11 | Evolutionary history predicts highâ€impact invasions by herbivorous insects. Ecology and Evolution, 2019, 9, 12216-12230. | 0.8 | 28 |
| 12 | Conventional landâ€use intensification reduces species richness and increases production: A global metaâ€analysis. Global Change Biology, 2019, 25, 1941-1956. | 4.2 | 161 |
| 13 | Correlation of native and exotic species richness: a global metaâ€analysis finds no invasion paradox across scales. Ecology, 2019, 100, e02552. | 1.5 | 82 |
| 14 | Trade-Offs and Synergies Between Biodiversity Conservation and Productivity in the Context of Increasing Demands on Landscapes. , 2019, , 251-256. | | 2 |
| 15 | Meta-analysis and the science of research synthesis. Nature, 2018, 555, 175-182. | 13.7 | 960 |
| 16 | Potentially dangerous consequences for biodiversity of solar geoengineering implementation and termination. Nature Ecology and Evolution, 2018, 2, 475-482. | 3.4 | 89 |
| 17 | Explaining global variation in the latitudinal diversity gradient: Metaâ€analysis confirms known patterns and uncovers new ones. Global Ecology and Biogeography, 2018, 27, 125-141. | 2.7 | 108 |
| 18 | Empowering peer reviewers with a checklist to improve transparency. Nature Ecology and Evolution, 2018, 2, 929-935. | 3.4 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The influence of environmental factors on the distribution and density of invasive Centaurea stoebe across Northeastern USA. Biological Invasions, 2018, 20, 3009-3023. | 1.2 | 14 |
| 20 | Open<scp>MEE</scp>: Intuitive, openâ€source software for metaâ€analysis in ecology and evolutionary biology. Methods in Ecology and Evolution, 2017, 8, 941-947. | 2.2 | 267 |
| 21 | Will your paper be used in a metaâ€analysis? Make the reach of your research broader and longer lasting. Methods in Ecology and Evolution, 2017, 8, 777-784. | 2.2 | 119 |
| 22 | Scale-dependent portfolio effects explain growth inflation and volatility reduction in landscape demography. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12507-12511. | 3.3 | 24 |
| 23 | Promoting transparency in evolutionary biology and ecology. Ecology Letters, 2016, 19, 726-728. | 3.0 | 18 |
| 24 | Metaâ€analysis and metaâ€regression of transcriptomic responses to water stress in Arabidopsis. Plant Journal, 2016, 85, 548-560. | 2.8 | 64 |
| 25 | Fraud Not a Primary Cause of Irreproducible Results: A Reply to Clark et al.. Trends in Ecology and Evolution, 2016, 31, 900. | 4.2 | 1 |
| 26 | A global systematic review of ecological field studies on two major invasive plant species, Ageratina adenophora and Chromolaena odorata. Diversity and Distributions, 2016, 22, 1174-1185. | 1.9 | 24 |
| 27 | Integrating ecology into green roof research. Israel Journal of Ecology and Evolution, 2016, 62, 1-6. | 0.2 | 12 |
| 28 | Promoting transparency in evolutionary biology, ecology, and ornithology. Auk, 2016, 133, 779-782. | 0.7 | 2 |
| 29 | Transparency in Ecology and Evolution: Real Problems, Real Solutions. Trends in Ecology and Evolution, 2016, 31, 711-719. | 4.2 | 151 |
| 30 | Landscape Demography: Population Change and its Drivers Across Spatial Scales. Quarterly Review of Biology, 2016, 91, 459-485. | 0.0 | 45 |
| 31 | Harmonizing Biodiversity Conservation and Productivity in the Context of Increasing Demands on Landscapes. BioScience, 2016, 66, 890-896. | 2.2 | 60 |
| 32 | Biological invasions in the context of green roofs. Israel Journal of Ecology and Evolution, 2016, 62, 32-43. | 0.2 | 22 |
| 33 | Quantification of Food Waste Disposal in the United States: A Meta-Analysis. Environmental Science & Technology, 2015, 49, 13946-13953. | 4.6 | 95 |
| 34 | Research synthesis methods in ecology. , 2015, , 200-227. | | 15 |
| 35 | Metaâ€analysis results are unlikely to be biased by differences in variance and replication between ecological lab and field studies. Oikos, 2014, 123, 794-799. | 1.2 | 20 |
| 36 | Uses and misuses of metaâ€analysis in plant ecology. Journal of Ecology, 2014, 102, 828-844. | 1.9 | 285 |

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|---|---|---|---|
| 37 | Reporting standards in experimental studies. Ecology Letters, 2013, 16, 1419-1420. | 3.0 | 24 |
| 38 | Biological invasions: a field synopsis, systematic review, and database of the literature. Ecology and Evolution, 2013, 3, 182-196. | 0.8 | 240 |
| 39 | 6. Effect Sizes: Conventional Choices and Calculations. , 2013, , 61-71. | | 88 |
| 40 | 7. Using Other Metrics of Effect Size in Meta-analysis. , 2013, , 72-86. | | 11 |
| 41 | 8. Statistical Models and Approaches to Inference. , 2013, , 89-107. | | 41 |
| 42 | 12. Software for Statistical Meta-analysis. , 2013, , 174-192. | | 7 |
| 43 | 19. Meta-analysis of Results from Multisite Studies. , 2013, , 313-320. | | 9 |
| 44 | 20. Quality Standards for Research Syntheses. , 2013, , 323-338. | | 4 |
| 45 | Robert Rueven Sokal 1926â€“2012. Bulletin of the Ecological Society of America, 2012, 93, 187-190. | 0.2 | 0 |
| 46 | Largeâ€scale longitudinal gradients of genetic diversity: a metaâ€analysis across six phyla in the <scp>M</scp>editerranean basin. Ecology and Evolution, 2012, 2, 2600-2614. | 0.8 | 65 |
| 47 | C allocation to the fungus is not a cost to the plant in ectomycorrhizae. Oikos, 2012, 121, 449-463. | 1.2 | 69 |
| 48 | Emergent insights from the synthesis of conceptual frameworks for biological invasions. Ecology Letters, 2011, 14, 407-418. | 3.0 | 269 |
| 49 | A statistical view of synthesizing patterns of species richness along productivity gradients: devils, forests, and trees. Ecology, 2010, 91, 2553-2560. | 1.5 | 19 |
| 50 | Responses of insect pests, pathogens, and invasive plant species to climate change in the forests of northeastern North America: What can we predict?This article is one of a selection of papers from NE Forests 2100: A Synthesis of Climate Change Impacts on Forests of the Northeastern US and Eastern Canada.. Canadian Journal of Forest Research, 2009, 39, 231-248. | 0.8 | 393 |
| 51 | Effects of experimental manipulation of light and nutrients on establishment of seedlings of native and invasive woody species in Long Island, NY forests. Biological Invasions, 2008, 10, 821-831. | 1.2 | 35 |
| 52 | ECOLOGY: Sparrow Wars, Reptilian Eucalypts, and Xenophobes. Science, 2007, 316, 544-544. | 6.0 | 0 |
| 53 | Effects of an invasive tree on community structure and diversity in a tropical forest in Puerto Rico. Forest Ecology and Management, 2006, 226, 145-152. | 1.4 | 50 |
| 54 | Jack of all trades, master of some? On the role of phenotypic plasticity in plant invasions. Ecology Letters, 2006, 9, 981-993. | 3.0 | 1,063 |

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|---|---|---|---|
| 55 | Commentary on Simberloff (2006): Meltdowns, snowballs and positive feedbacks. Ecology Letters, 2006, 9, 919-921. | 3.0 | 18 |
| 56 | Sources of variation in growth, form, and survival in dwarf and normalâ€stature pitch pines (<i>Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1125-1133. | 0.8 | 14 |
| 57 | Variation in recruitment and early demography in Pinus rigida following crown fire in the pine barrens of Long Island, New York. Journal of Ecology, 2005, 93, 607-617. | 1.9 | 20 |
| 58 | INVASIVE SPECIES ACCELERATE DECOMPOSITION AND LITTER NITROGEN LOSS IN A MIXED DECIDUOUS FOREST. , 2005, 15, 1263-1272. | | 232 |
| 59 | Forest Invasibility in Communities in Southeastern New York. Biological Invasions, 2004, 6, 393-410. | 1.2 | 69 |
| 60 | EFFECTS OF SPATIAL STRUCTURES ON THE RESULTS OF FIELD EXPERIMENTS. Ecology, 2004, 85, 3202-3214. | 1.5 | 100 |
| 61 | Long-term impacts of logging on forest diversity in Madagascar. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6045-6049. | 3.3 | 152 |
| 62 | Are invasive species a major cause of extinctions?. Trends in Ecology and Evolution, 2004, 19, 470-474. | 4.2 | 1,177 |
| 63 | Response to Ricciardi. Assessing species invasions as a cause of extinction. Trends in Ecology and Evolution, 2004, 19, 620-620. | 4.2 | 11 |
| 64 | The distance dependence prediction of the Janzen-Connell hypothesis: a meta-analysis. Oikos, 2003, 103, 590-602. | 1.2 | 219 |
| 65 | Integrating the statistical analysis of spatial data in ecology. Ecography, 2002, 25, 553-557. | 2.1 | 125 |
| 66 | The consequences of spatial structure for the design and analysis of ecological field surveys. Ecography, 2002, 25, 601-615. | 2.1 | 575 |
| 67 | Meta-analysis in ecology. Advances in Ecological Research, 2001, , 199-247. | 1.4 | 313 |
| 68 | A meta-analysis of the response of soil respiration, net nitrogen mineralization, and aboveground plant growth to experimental ecosystem warming. Oecologia, 2001, 126, 543-562. | 0.9 | 1,877 |
| 69 | Population Numbers Count: Tools for Nearâ€Term Demographic Analysis. American Naturalist, 2000, 156, 242-256. | 1.0 | 98 |
| 70 | The Interaction between Competition and Predation: A Metaâ€analysis of Field Experiments. American Naturalist, 2000, 155, 435-453. | 1.0 | 374 |
| 71 | Global Warming and Terrestrial Ecosystems: A Conceptual Framework for Analysis. BioScience, 2000, 50, 871. | 2.2 | 599 |
| 72 | THE META-ANALYSIS OF RESPONSE RATIOS IN EXPERIMENTAL ECOLOGY. Ecology, 1999, 80, 1150-1156. | 1.5 | 2,977 |

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|---|---|---|---|
| 73 | STATISTICAL ISSUES IN ECOLOGICAL META-ANALYSES. Ecology, 1999, 80, 1142-1149. | 1.5 | 870 |
| 74 | EMPIRICAL APPROACHES TO QUANTIFYING INTERACTION INTENSITY: COMPETITION AND FACILITATION ALONG PRODUCTIVITY GRADIENTS. Ecology, 1999, 80, 1118-1131. | 1.5 | 402 |
| 75 | THE META-ANALYSIS OF RESPONSE RATIOS IN EXPERIMENTAL ECOLOGY. , 1999, 80, 1150. | | 6 |
| 76 | Weed community responses in a corn-soybean intercrop. Applied Vegetation Science, 1998, 1, 281-288. | 0.9 | 7 |
| 77 | RESAMPLING TESTS FOR META-ANALYSIS OF ECOLOGICAL DATA. Ecology, 1997, 78, 1277-1283. | 1.5 | 534 |
| 78 | Competition and genetic background in a rapidâ€cycling cultivar of brassica rapa (Brassicaceae). American Journal of Botany, 1996, 83, 932-938. | 0.8 | 5 |
| 79 | Competition and genetic background in a rapid-cycling cultivar of brassica rapa (Brassicaceae). , 1996, 83, 932. | | 3 |
| 80 | Plant size and spatial pattern in a natural population of Myosotis micrantha. Journal of Vegetation Science, 1995, 6, 847-852. | 1.1 | 12 |
| 81 | Plant Competition in Relation to Neighbor Biomass: An Intercontinental Study with POA Pratensis. Ecology, 1994, 75, 1753-1760. | 1.5 | 120 |
| 82 | Experimental manipulation of natural plant communities. Trends in Ecology and Evolution, 1994, 9, 94-98. | 4.2 | 35 |
| 83 | A Meta-Analysis of Competition in Field Experiments. American Naturalist, 1992, 140, 539-572. | 1.0 | 779 |
| 84 | Sources of variation in leaf shape among two populations of Achillea lanulosa.. Genetics, 1992, 130, 385-394. | 1.2 | 69 |
| 85 | Sigma-Plot.John Norby , Steve Rubenstein , Thomas Tuerke , Cathy Schwallie Farmer , Jeff Bennington. Quarterly Review of Biology, 1991, 66, 115-116. | 0.0 | 4 |
| 86 | Boundary layer properties of highly dissected leaves: an investigation using an electrochemical fluid tunnel. Plant, Cell and Environment, 1990, 13, 783-792. | 2.8 | 48 |
| 87 | Competition Among Old-Field Perennials at Different Levels of Soil Fertility and Available Space. Journal of Ecology, 1990, 78, 727. | 1.9 | 70 |
| 88 | Experimental removal of a dominant species at two levels of soil fertility. Canadian Journal of Botany, 1989, 67, 3470-3477. | 1.2 | 96 |
| 89 | Carbon-isotope discrimination by leaves of Flaveria species exhibiting different amounts of C3-and C4-cycle co-function. Planta, 1988, 174, 145-151. | 1.6 | 60 |
| 90 | VARIATION IN LEAF DISSECTION AND LEAF ENERGY BUDGETS AMONG POPULATIONS OF ACHILLEA FROM AN ALTITUDINAL GRADIENT. American Journal of Botany, 1988, 75, 1298-1306. | 0.8 | 49 |

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|---|---|---|---|
| 91 | VARIATION IN LEAF DISSECTION AND LEAF ENERGY BUDGETS AMONG POPULATIONS OF ACHILLEA FROM AN ALTITUDINAL GRADIENT. , 1988, 75, 1298. | | 31 |
| 92 | Analysis of Repeated Measures Experiments. Ecology, 1986, 67, 251-255. | 1.5 | 208 |
| 93 | Restriction of a C3 grass to dry ridges in a semiarid grassland. Canadian Journal of Botany, 1986, 64, 1006-1011. | 1.2 | 5 |
| 94 | Differentiation among populations of Sedum wrightii (Crassulaceae) in response to limited water availability: water relations, CO2 assimilation, growth and survivorship. Oecologia, 1986, 70, 198-204. | 0.9 | 37 |
| 95 | Competition and the Local Distribution of the Grass Stipa Neomexicana. Ecology, 1986, 67, 46-57. | 1.5 | 127 |
| 96 | The Response of Leaf Water Potential and Crassulacean Acid Metabolism to Prolonged Drought in Sedum rubrotinctum. Plant Physiology, 1986, 81, 678-680. | 2.3 | 41 |
| 97 | A genetic analysis of the photosynthetic properties of populations of Danthonia spicata that have different growth responses to light level. Oecologia, 1984, 64, 74-77. | 0.9 | 29 |
| 98 | Competition, Foraging Energetics, and the Cost of Sociality in Three Species of Bees. Ecology, 1979, 60, 976-987. | 1.5 | 135 |
| 99 | The impact is in the details: evaluating a standardized protocol and scale for determining non-native insect impact. NeoBiota, 0, 55, 61-83. | 1.0 | 7 |