

Jonathan Silvertown

List of Publications by Year in descending order

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43
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147801

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citing authors

#	ARTICLE	IF	CITATIONS
1	Location, but not defensive genotype, determines ectomycorrhizal community composition in Scots pine (<i>Pinus sylvestris</i> L.) seedlings. <i>Ecology and Evolution</i> , 2021, 11, 4826-4842.	1.9	3
2	Heritable genetic variation but no local adaptation in a pine-ectomycorrhizal interaction. <i>Mycorrhiza</i> , 2020, 30, 185-195.	2.8	6
3	Williams's Intuition about Extrinsic Mortality Is Irrelevant. <i>Trends in Ecology and Evolution</i> , 2020, 35, 379.	8.7	8
4	George C. Williams's Problematic Model of Selection and Senescence: Time to Move on. <i>Trends in Ecology and Evolution</i> , 2020, 35, 303-305.	8.7	4
5	Evolutionary Ecology of Senescence and a Reassessment of Williams's "Extrinsic Mortality" Hypothesis. <i>Trends in Ecology and Evolution</i> , 2019, 34, 519-530.	8.7	55
6	Dissecting the hydrological niche: soil moisture, space and lifespan. <i>Journal of Vegetation Science</i> , 2016, 27, 219-226.	2.2	27
7	Ecologists Need to be Cautious about Economic Metaphors: A Reply. <i>Trends in Ecology and Evolution</i> , 2016, 31, 336.	8.7	4
8	Crowdsourcing the identification of organisms: A case-study of iSpot. <i>ZooKeys</i> , 2015, 480, 125-146.	1.1	109
9	Have Ecosystem Services Been Oversold?. <i>Trends in Ecology and Evolution</i> , 2015, 30, 641-648.	8.7	185
10	Hydrological niches in terrestrial plant communities: a review. <i>Journal of Ecology</i> , 2015, 103, 93-108.	4.0	256
11	Evolution MegaLab: a case study in citizen science methods. <i>Methods in Ecology and Evolution</i> , 2012, 3, 303-309.	5.2	79
12	A fundamental, eco-hydrological basis for niche segregation in plant communities. <i>New Phytologist</i> , 2011, 189, 253-258.	7.3	171
13	Citizen Science Reveals Unexpected Continental-Scale Evolutionary Change in a Model Organism. <i>PLoS ONE</i> , 2011, 6, e18927.	2.5	118
14	Explaining hydrological niches: the decisive role of below-ground competition in two closely related <i>Senecio</i> species. <i>Journal of Ecology</i> , 2010, 98, 126-136.	4.0	50
15	Environmental myopia: a diagnosis and a remedy. <i>Trends in Ecology and Evolution</i> , 2010, 25, 556-561.	8.7	40
16	Community genetics: resource addition has opposing effects on genetic and species diversity in a 150-year experiment. <i>Ecology Letters</i> , 2009, 12, 165-170.	6.4	56
17	A new dawn for citizen science. <i>Trends in Ecology and Evolution</i> , 2009, 24, 467-471.	8.7	829
18	The Evolutionary Maintenance of Sexual Reproduction: Evidence from the Ecological Distribution of Asexual Reproduction in Clonal Plants. <i>International Journal of Plant Sciences</i> , 2008, 169, 157-168.	1.3	327

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19	PREDICTION OF EXTINCTION IN PLANTS: INTERACTION OF EXTRINSIC THREATS AND LIFE HISTORY TRAITS. <i>Ecology</i> , 2007, 88, 2662-2672.	3.2	90
20	Absence of phylogenetic signal in the niche structure of meadow plant communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 39-44.	2.6	145
21	The Park Grass Experiment 1856-2006: its contribution to ecology. <i>Journal of Ecology</i> , 2006, 94, 801-814.	4.0	328
22	PHYLOGENY AND THE HIERARCHICAL ORGANIZATION OF PLANT DIVERSITY. <i>Ecology</i> , 2006, 87, S39-S49.	3.2	194
23	Sustainability in a nutshell. <i>Trends in Ecology and Evolution</i> , 2004, 19, 276-278.	8.7	21
24	A COMPARATIVE DEMOGRAPHY OF PLANTS BASED UPON ELASTICITIES OF VITAL RATES. <i>Ecology</i> , 2004, 85, 531-538.	3.2	269
25	Community assembly from the local species pool: an experimental study using congeneric species pairs. <i>Journal of Ecology</i> , 2002, 90, 385-393.	4.0	40
26	Phylogeny and the niche structure of meadow plant communities. <i>Journal of Ecology</i> , 2001, 89, 428-435.	4.0	117
27	Hydrologically defined niches reveal a basis for species richness in plant communities. <i>Nature</i> , 1999, 400, 61-63.	27.8	456
28	Variation in the demography of a woodland understorey herb (<i>Primula vulgaris</i>) along the forest regeneration cycle: projection matrix analysis. <i>Journal of Ecology</i> , 1998, 86, 545-562.	4.0	133
29	Plant phenotypic plasticity and non-cognitive behaviour. <i>Trends in Ecology and Evolution</i> , 1998, 13, 255-256.	8.7	25
30	CANOPY CLOSURE RATE AND FOREST STRUCTURE. <i>Ecology</i> , 1997, 78, 1555-1562.	3.2	101
31	Interpretation of Elasticity Matrices as an Aid to the Management of Plant Populations for Conservation. <i>Conservation Biology</i> , 1996, 10, 591-597.	4.7	269
32	Community Structure in a Desert Perennial Community. <i>Ecology</i> , 1994, 75, 409-417.	3.2	56
33	Application of the British national vegetation classification to the communities of the park grass experiment through time. <i>Folia Geobotanica Et Phytotaxonomica</i> , 1994, 29, 321-334.	0.4	31
34	Short-term effects and long-term after-effects of fertilizer application on the flowering population of green-winged orchid <i>Orchis morio</i> . <i>Biological Conservation</i> , 1994, 69, 191-197.	4.1	40
35	Rainfall, Biomass Variation, and Community Composition in the Park Grass Experiment. <i>Ecology</i> , 1994, 75, 2430.	3.2	156
36	Dorothy's Dilemma and the unification of plant population biology. <i>Trends in Ecology and Evolution</i> , 1991, 6, 346-348.	8.7	30

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37	Germination and population structure of spear thistle <i>Cirsium vulgare</i> in relation to experimentally controlled sheep grazing. <i>Oecologia</i> , 1989, 81, 369-373.	2.0	37
38	The paradox of seed size and adaptation. <i>Trends in Ecology and Evolution</i> , 1989, 4, 24-26.	8.7	139
39	Mapping the Microenvironment for Seed Germination in the Field. <i>Annals of Botany</i> , 1989, 63, 163-167.	2.9	33
40	Ecological Stability: A Test Case. <i>American Naturalist</i> , 1987, 130, 807-810.	2.1	43
41	Do plants need niches? Some recent developments in plant community ecology. <i>Trends in Ecology and Evolution</i> , 1987, 2, 24-26.	8.7	101
42	Plant life history: Death of the elusive biennial. <i>Nature</i> , 1984, 310, 271-271.	27.8	22
43	LEAF-CANOPY-INDUCED SEED DORMANCY IN A GRASSLAND FLORA. <i>New Phytologist</i> , 1980, 85, 109-118.	7.3	191