

Richard P Shefferson

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,123
citations

236925

25
h-index

243625

44
g-index

58
all docs

58
docs citations

58
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	An empirical test of partner choice mechanisms in a wild legume-rhizobium interaction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 77-81.	2.6	180
2	High specificity generally characterizes mycorrhizal association in rare lady's slipper orchids, genus <i>Cypripedium</i> . <i>Molecular Ecology</i> , 2005, 14, 613-626.	3.9	171
3	THE EVOLUTIONARY HISTORY OF MYCORRHIZAL SPECIFICITY AMONG LADY'S SLIPPER ORCHIDS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1380-1390.	2.3	129
4	Evolutionary studies of ectomycorrhizal fungi: recent advances and future directions. <i>Canadian Journal of Botany</i> , 2004, 82, 1122-1132.	1.1	118
5	Mycorrhizal interactions of orchids colonizing Estonian mine tailings hills. <i>American Journal of Botany</i> , 2008, 95, 156-164.	1.7	104
6	The evolutionary ecology of vegetative dormancy in mature herbaceous perennial plants. <i>Journal of Ecology</i> , 2009, 97, 1000-1009.	4.0	89
7	ESTIMATING DORMANCY AND SURVIVAL OF A RARE HERBACEOUS PERENNIAL USING MARK-RECAPTURE MODELS. <i>Ecology</i> , 2001, 82, 145-156.	3.2	85
8	Mycorrhizal diversity in <i>Apostasia</i> (Orchidaceae) indicates the origin and evolution of orchid mycorrhiza. <i>American Journal of Botany</i> , 2009, 96, 1997-2009.	1.7	80
9	LIFE HISTORY TRADE-OFFS IN A RARE ORCHID: THE COSTS OF FLOWERING, DORMANCY, AND SPROUTING. <i>Ecology</i> , 2003, 84, 1199-1206.	3.2	69
10	ADULT WHOLE-PLANT DORMANCY INDUCED BY STRESS IN LONG-LIVED ORCHIDS. <i>Ecology</i> , 2005, 86, 3099-3104.	3.2	66
11	Global urban environmental change drives adaptation in white clover. <i>Science</i> , 2022, 375, 1275-1281.	12.6	62
12	Evolution of host breadth in broad interactions: mycorrhizal specificity in East Asian and North American rattlesnake plantains (<i>Goodyera</i> spp.) and their fungal hosts. <i>Molecular Ecology</i> , 2010, 19, 3008-3017.	3.9	56
13	Plants do not count! or do they? New perspectives on the universality of senescence. <i>Journal of Ecology</i> , 2013, 101, 545-554.	4.0	50
14	Survival costs of adult dormancy and the confounding influence of size in lady's slipper orchids, genus <i>Cypripedium</i> . <i>Oikos</i> , 2006, 115, 253-262.	2.7	48
15	Factors influencing IUCN threat levels to orchids across Europe on the basis of national red lists. <i>Ecology and Evolution</i> , 2016, 6, 6245-6265.	1.9	43
16	Senescence, Selection Gradients and Mortality. , 2017, , 56-82.		43
17	Highly diverse and spatially heterogeneous mycorrhizal symbiosis in a rare epiphyte is unrelated to broad biogeographic or environmental features. <i>Molecular Ecology</i> , 2013, 22, 5949-5961.	3.9	39
18	Critical importance of large native trees for conservation of a rare Neotropical epiphyte. <i>Journal of Ecology</i> , 2013, 101, 1429-1438.	4.0	39

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19	Drivers of vegetative dormancy across herbaceous perennial plant species. <i>Ecology Letters</i> , 2018, 21, 724-733.	6.4	39
20	The demography of terrestrial orchids: life history, population dynamics and conservation. <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 315-332.	1.6	39
21	Dormancy is associated with decreased adult survival in the burnt orchid, <i>Neotinea ustulata</i> . <i>Journal of Ecology</i> , 2007, 95, 217-225.	4.0	32
22	Geography and soil chemistry drive the distribution of fungal associations in lady's slipper orchid, <i>Cypripedium acaule</i> . <i>Botany</i> , 2013, 91, 850-856.	1.0	32
23	Longitudinal analysis in <i>Plantago</i> : strength of selection and reverse age analysis reveal indeterminate senescence. <i>Journal of Ecology</i> , 2013, 101, 577-584.	4.0	32
24	Demographic Senescence in Herbaceous Plants. , 2017, , 303-319.		31
25	Impact of herbivory on flowering behaviour and life history trade-offs in a polycarpic herb: a 10-year experiment. <i>Oecologia</i> , 2011, 166, 293-303.	2.0	30
26	Relative importance of pollen and seed dispersal across a Neotropical mountain landscape for an epiphytic orchid. <i>Molecular Ecology</i> , 2013, 22, 6048-6059.	3.9	29
27	Does evolutionary history determine specificity in broad ecological interactions?. <i>Journal of Ecology</i> , 2019, 107, 1582-1593.	4.0	29
28	Life history costs make perfect sprouting maladaptive in two herbaceous perennials. <i>Journal of Ecology</i> , 2014, 102, 1318-1328.	4.0	28
29	Demographic response to shading and defoliation in two woodland orchids. <i>Folia Geobotanica</i> , 2006, 41, 95-106.	0.9	27
30	Eco-evolutionary dynamics in plants: interactive processes at overlapping time scales and their implications. <i>Journal of Ecology</i> , 2015, 103, 789-797.	4.0	25
31	Phylotranscriptomic analysis and genome evolution of the Cypripedioideae (Orchidaceae). <i>American Journal of Botany</i> , 2018, 105, 631-640.	1.7	25
32	Introduction: Wilting Leaves and Rotting Branches. , 2017, , 1-20.		21
33	Linking vegetative dormancy to fitness in two long-lived herbaceous perennials. <i>Ecosphere</i> , 2012, 3, art13.	2.2	19
34	Longitudinal analysis of <i>Plantago</i> : adaptive benefits of iteroparity in a short-lived, herbaceous perennial. <i>Ecology</i> , 2010, 91, 441-447.	3.2	18
35	Predicting evolution in response to climate change: the example of sprouting probability in three dormancy-prone orchid species. <i>Royal Society Open Science</i> , 2017, 4, 160647.	2.4	18
36	Life history strategy in herbaceous perennials: inferring demographic patterns from the aboveground dynamics of a primarily subterranean, myco-heterotrophic orchid. <i>Oikos</i> , 2011, 120, 1291-1300.	2.7	17

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37	Demographic shifts related to mycoheterotrophy and their fitness impacts in two <i>Cephalanthera</i> species. <i>Ecology</i> , 2016, 97, 1452-1462.	3.2	17
38	The triple helix of <i>Plantago lanceolata</i> : Genetics and the environment interact to determine population dynamics. <i>Ecology</i> , 2012, 93, 793-802.	3.2	16
39	Spatial scale-dependent phylogenetic signal in species distributions along geographic and elevation gradients in a mountainous rangeland. <i>Ecology and Evolution</i> , 2018, 8, 10364-10373.	1.9	16
40	Costs and benefits of fruiting to future reproduction in two dormancy-prone orchids. <i>Journal of Ecology</i> , 2007, 95, 865-875.	4.0	15
41	Diversity of root-associated fungi of mature <i>Habenaria radiata</i> and <i>Epipactis thunbergii</i> colonizing manmade wetlands in Hiroshima Prefecture, Japan. <i>Mycoscience</i> , 2013, 54, 327-334.	0.8	13
42	The evolutionary impacts of conservation actions. <i>Population Ecology</i> , 2018, 60, 49-59.	1.2	10
43	Weather and herbivores influence fertility in the endangered fern <i>Botrychium multifidum</i> (S.G. Gmel.) <i>Rupr. Plant Ecology</i> , 2009, 203, 23-31.	1.6	9
44	Below- and above-ground effects of deadwood and termites in plantation forests. <i>Ecosphere</i> , 2017, 8, e01910.	2.2	9
45	Plant-plant interactions influence phylogenetic diversity at multiple spatial scales in a semi-arid mountain rangeland. <i>Oecologia</i> , 2019, 189, 745-755.	2.0	8
46	Estimating Dormancy and Survival of a Rare Herbaceous Perennial Using Mark-Recapture Models. <i>Ecology</i> , 2001, 82, 145.	3.2	7
47	Multiple processes at different spatial scales determine beta diversity patterns in a mountainous semi-arid rangeland of Khorassan-Kopet Dagh floristic province, NE Iran. <i>Plant Ecology</i> , 2019, 220, 829-844.	1.6	7
48	LEFKO3: Analysing individual history through size-classified matrix population models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 378-382.	5.2	6
49	Plant-plant interactions determine natural restoration of plant biodiversity over time, in a degraded mined land. <i>Ecology and Evolution</i> , 2022, 12, e8878.	1.9	6
50	The long and winding road of evolutionary demography: preface. <i>Population Ecology</i> , 2018, 60, 3-7.	1.2	5
51	Plant-soil feedbacks and the introduction of <i>Castanea</i> (chestnut) hybrids to eastern North American forests. <i>Restoration Ecology</i> , 2021, 29, e13326.	2.9	5
52	Taxonomic Diversity, Complexity and the Evolution of Senescence. , 2017, , 83-102.		4
53	A comparison of latitudinal species diversity patterns between riverine and terrestrial earthworms from the North American temperate zone. <i>Journal of Biogeography</i> , 2020, 47, 1373-1382.	3.0	4
54	Vegetative dormancy in orchids incurs absolute and relative demographic costs in large but not in small plants. <i>Botanical Journal of the Linnean Society</i> , 0, , .	1.6	2

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55	Temporal variation in reproductive costs and payoffs shapes the flowering strategy of a neotropical milkweed, <i>Asclepias curassavica</i> . Population Ecology, 2018, 60, 77-87.	1.2	2
56	Complex Life Histories and Senescence in Plants: Avenues to Escape Age-Related Decline?. , 0, , 320-338.		0
57	Organismal Senescence in Plant-Fungal Symbioses. , 0, , 381-400.		0
58	History sets the stage: Macroevolutionary influence on biotic interactions. Journal of Ecology, 2019, 107, 1550-1556.	4.0	0