Richard P Shefferson

List of Publications by Year
in descending order

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	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
2	Plantâ€"plant interactions determine natural restoration of plant biodiversity over time, in a degraded mined land. Ecology and Evolution, 2022, 12, e8878.	1.9	6
3	<scp>lefko3</scp>: Analysing individual history through sizeâ€classified matrix population models. Methods in Ecology and Evolution, 2021, 12, 378-382.	5.2	6
4	Plantâ€"soil feedbacks and the introduction of <i>Castanea</i> (chestnut) hybrids to eastern North American forests. Restoration Ecology, 2021, 29, e13326.	2.9	5
5	The demography of terrestrial orchids: life history, population dynamics and conservation. Botanical Journal of the Linnean Society, 2020, 192, 315-332.	1.6	39
6	A comparison of latitudinal species diversity patterns between riverine and terrestrial earthworms from the North American temperate zone. Journal of Biogeography, 2020, 47, 1373-1382.	3.0	4
7	Multiple processes at different spatial scales determine beta diversity patterns in a mountainous semi-arid rangeland of Khorassan-Kopet Dagh floristic province, NE Iran. Plant Ecology, 2019, 220, 829-844.	1.6	7
8	History sets the stage: Macroevolutionary influence on biotic interactions. Journal of Ecology, 2019, 107, 1550-1556.	4.0	0
9	Does evolutionary history determine specificity in broad ecological interactions?. Journal of Ecology, 2019, 107, 1582-1593.	4.0	29
10	Plantâ€"plant interactions influence phylogenetic diversity at multiple spatial scales in a semi-arid mountain rangeland. Oecologia, 2019, 189, 745-755.	2.0	8
11	Phylotranscriptomic analysis and genome evolution of the Cypripedioideae (Orchidaceae). American Journal of Botany, 2018, 105, 631-640.	1.7	25
12	Drivers of vegetative dormancy across herbaceous perennial plant species. Ecology Letters, 2018, 21, 724-733.	6.4	39
13	The evolutionary impacts of conservation actions. Population Ecology, 2018, 60, 49-59.	1.2	10
14	Spatial scaleâ€dependent phylogenetic signal in species distributions along geographic and elevation gradients in a mountainous rangeland. Ecology and Evolution, 2018, 8, 10364-10373.	1.9	16
15	The long and winding road of evolutionary demography: preface. Population Ecology, 2018, 60, 3-7.	1.2	5
16	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
17	Demographic Senescence in Herbaceous Plants. , 2017, , 303-319.		31
18	Introduction: Wilting Leaves and Rotting Branches. , 2017, , 1-20.		21

#	Article	IF	Citations
19	Senescence, Selection Gradients and Mortality. , 2017, , 56-82.		43
20	Taxonomic Diversity, Complexity and the Evolution of Senescence. , 2017, , 83-102.		4
21	Predicting evolution in response to climate change: the example of sprouting probability in three dormancy-prone orchid species. Royal Society Open Science, 2017, 4, 160647.	2.4	18
22	Belowâ€•and aboveâ€ground effects of deadwood and termites in plantation forests. Ecosphere, 2017, 8, e01910.	2.2	9
23	Demographic shifts related to mycoheterotrophy and their fitness impacts in two <i>Cephalanthera</i> species. Ecology, 2016, 97, 1452-1462.	3.2	17
24	Factors influencing <scp>IUCN</scp> threat levels to orchids across Europe on the basis of national red lists. Ecology and Evolution, 2016, 6, 6245-6265.	1.9	43
25	Ecoâ€evolutionary dynamics in plants: interactive processes at overlapping timeâ€scales and their implications. Journal of Ecology, 2015, 103, 789-797.	4.0	25
26	Lifeâ€history costs make perfect sprouting maladaptive in two herbaceous perennials. Journal of Ecology, 2014, 102, 1318-1328.	4.0	28
27	Relative importance of pollen and seed dispersal across a <scp>N</scp>eotropical mountain landscape for an epiphytic orchid. Molecular Ecology, 2013, 22, 6048-6059.	3.9	29
28	Geography and soil chemistry drive the distribution of fungal associations in ladyâ€™s slipper orchid, <i>Cypripedium acaule</i>. Botany, 2013, 91, 850-856.	1.0	32
29	Highly diverse and spatially heterogeneous mycorrhizal symbiosis in a rare epiphyte is unrelated to broad biogeographic or environmental features. Molecular Ecology, 2013, 22, 5949-5961.	3.9	39
30	Critical importance of large native trees for conservation of a rare Neotropical epiphyte. Journal of Ecology, 2013, 101, 1429-1438.	4.0	39
31	Plants do not countâ€¦ or do they? New perspectives on the universality of senescence. Journal of Ecology, 2013, 101, 545-554.	4.0	50
32	Diversity of root-associated fungi of mature Habenaria radiata and Epipactis thunbergii colonizing manmade wetlands in Hiroshima Prefecture, Japan. Mycoscience, 2013, 54, 327-334.	0.8	13
33	Longitudinal analysis in P lantago : strength of selection and reverse age analysis reveal ageâ€indeterminate senescence. Journal of Ecology, 2013, 101, 577-584.	4.0	32
34	The triple helix of Plantago lanceolata : Genetics and the environment interact to determine population dynamics. Ecology, 2012, 93, 793-802.	3.2	16
35	Linking vegetative dormancy to fitness in two long-lived herbaceous perennials. Ecosphere, 2012, 3, art13.	2.2	19
36	Life history strategy in herbaceous perennials: inferring demographic patterns from the aboveground dynamics of a primarily subterranean, mycoâ€heterotrophic orchid. Oikos, 2011, 120, 1291-1300.	2.7	17

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37	Impact of herbivory on flowering behaviour and life history trade-offs in a polycarpic herb: a 10-year experiment. Oecologia, 2011, 166, 293-303.	2.0	30
38	Evolution of host breadth in broad interactions: mycorrhizal specificity in East Asian and North American rattlesnake plantains (Goodyera spp.) and their fungal hosts. Molecular Ecology, 2010, 19, 3008-3017.	3.9	56
39	Longitudinal analysis ofPlantago: adaptive benefits of iteroparity in a short-lived, herbaceous perennial. Ecology, 2010, 91, 441-447.	3.2	18
40	Weather and herbivores influence fertility in the endangered fern Botrychium multifidum (S.G. Gmel.) Rupr. Plant Ecology, 2009, 203, 23-31.	1.6	9
41	The evolutionary ecology of vegetative dormancy in mature herbaceous perennial plants. Journal of Ecology, 2009, 97, 1000-1009.	4.0	89
42	Mycorrhizal diversity in<i>Apostasia</i>(Orchidaceae) indicates the origin and evolution of orchid mycorrhiza. American Journal of Botany, 2009, 96, 1997-2009.	1.7	80
43	Mycorrhizal interactions of orchids colonizing Estonian mine tailings hills. American Journal of Botany, 2008, 95, 156-164.	1.7	104
44	Dormancy is associated with decreased adult survival in the burnt orchid, Neotinea ustulata. Journal of Ecology, 2007, 95, 217-225.	4.0	32
45	Costs and benefits of fruiting to future reproduction in two dormancy-prone orchids. Journal of Ecology, 2007, 95, 865-875.	4.0	15
46	THE EVOLUTIONARY HISTORY OF MYCORRHIZAL SPECIFICITY AMONG LADY'S SLIPPER ORCHIDS. Evolution; International Journal of Organic Evolution, 2007, 61, 1380-1390.	2.3	129
47	Survival costs of adult dormancy and the confounding influence of size in lady's slipper orchids, genus Cypripedium. Oikos, 2006, 115, 253-262.	2.7	48
48	Demographic response to shading and defoliation in two woodland orchids. Folia Geobotanica, 2006, 41, 95-106.	0.9	27
49	An empirical test of partner choice mechanisms in a wild legumeâ€“rhizobium interaction. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 77-81.	2.6	180
50	High specificity generally characterizes mycorrhizal association in rare lady's slipper orchids, genus Cypripedium. Molecular Ecology, 2005, 14, 613-626.	3.9	171
51	ADULT WHOLE-PLANT DORMANCY INDUCED BY STRESS IN LONG-LIVED ORCHIDS. Ecology, 2005, 86, 3099-3104.	3.2	66
52	Evolutionary studies of ectomycorrhizal fungi: recent advances and future directions. Canadian Journal of Botany, 2004, 82, 1122-1132.	1.1	118
53	LIFE HISTORY TRADE-OFFS IN A RARE ORCHID: THE COSTS OF FLOWERING, DORMANCY, AND SPROUTING. Ecology, 2003, 84, 1199-1206.	3.2	69
54	Estimating Dormancy and Survival of a Rare Herbaceous Perennial Using Mark-Recapture Models. Ecology, 2001, 82, 145.	3.2	7

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55	ESTIMATING DORMANCY AND SURVIVAL OF A RARE HERBACEOUS PERENNIAL USING MARKâ€“RECAPTURE MODELS. Ecology, 2001, 82, 145-156.	3.2	85
56	Complex Life Histories and Senescence in Plants: Avenues to Escape Age-Related Decline?. , 0, , 320-338.		0
57	Organismal Senescence in Plantâ€“Fungal Symbioses. , 0, , 381-400.		0
58	Vegetative dormancy in orchids incurs absolute and relative demographic costs in large but not in small plants. Botanical Journal of the Linnean Society, 0, , .	1.6	2