

# Jennifer K Rowntree

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,345  
citations

430874

18  
h-index

377865

34  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conservation In vitro of threatened plantsâ€™Progress in the past decade. In Vitro Cellular and Developmental Biology - Plant, 2006, 42, 206-214.	2.1	240
2	Detecting macroecological patterns in bacterial communities across independent studies of global soils. Nature Microbiology, 2018, 3, 189-196.	13.3	136
3	Mangroves give cause for conservation optimism, for now. Current Biology, 2020, 30, R153-R154.	3.9	127
4	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
5	Interactions between the hemiparasitic angiosperm <i>Rhinanthus minor</i> and its hosts: From the cell to the ecosystem. Folia Geobotanica, 2005, 40, 217-229.	0.9	57
6	Genetic variation changes the interactions between the parasitic plant-ecosystem engineer <i>Rhinanthus</i> and its hosts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1380-1388.	4.0	41
7	Forward from the crossroads of ecology and evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1322-1328.	4.0	39
8	Nitrogen addition alters composition, diversity, and functioning of microbial communities in mangrove soils: An incubation experiment. Soil Biology and Biochemistry, 2021, 153, 108076.	8.8	38
9	Complex associations between crossâ€kingdom microbial endophytes and host genotype in ash dieback disease dynamics. Journal of Ecology, 2020, 108, 291-309.	4.0	37
10	Development of novel methods for the initiation of in vitro bryophyte cultures for conservation. Plant Cell, Tissue and Organ Culture, 2006, 87, 191-201.	2.3	34
11	Pleiotropic effects of environmentâ€™specific adaptation in <i>Arabidopsis thaliana</i> . New Phytologist, 2009, 183, 816-825.	7.3	34
12	In vitro conservation of European bryophytes. In Vitro Cellular and Developmental Biology - Plant, 2011, 47, 55-64.	2.1	34
13	Climate Change and Eco-Evolutionary Dynamics in Food Webs. Advances in Ecological Research, 2012, 47, 1-80.	2.7	34
14	Is the centralâ€™marginal hypothesis a general rule? Evidence from three distributions of an expanding mangrove species, <i>Avicennia germinans</i> (L.) L. Molecular Ecology, 2020, 29, 704-719.	3.9	34
15	Formation of Specialized Propagules Resistant to Desiccation and Cryopreservation in the Threatened Moss <i>Ditrichum plumbicola</i> (Ditrichales, Bryopsida). Annals of Botany, 2007, 100, 483-496.	2.9	31
16	Temporal Dynamism of Resource Capture: A Missing Factor in Ecology?. Trends in Ecology and Evolution, 2018, 33, 277-286.	8.7	30
17	Correlated response in plasticity to selection for early flowering in <i>Arabidopsis thaliana</i> . Journal of Evolutionary Biology, 2011, 24, 2280-2288.	1.7	22
18	Hurricanes overcome migration lag and shape intraspecific genetic variation beyond a poleward mangrove range limit. Molecular Ecology, 2020, 29, 2583-2597.	3.9	22

#	ARTICLE	IF	CITATIONS
19	The effect of multiple host species on a keystone parasitic plant and its aphid herbivores. <i>Functional Ecology</i> , 2014, 28, 829-836.	3.6	21
20	Exposure to Asulox Inhibits the Growth of Mosses. <i>Annals of Botany</i> , 2003, 92, 547-556.	2.9	18
21	How bryophytes came out of the cold: successful cryopreservation of threatened species. <i>Biodiversity and Conservation</i> , 2009, 18, 1413-1420.	2.6	18
22	Conceptualizing ecosystem degradation using mangrove forests as a model system. <i>Biological Conservation</i> , 2021, 263, 109355.	4.1	17
23	Plant-plant competition influences temporal dynamism of soil microbial enzyme activity. <i>Soil Biology and Biochemistry</i> , 2019, 139, 107615.	8.8	15
24	Plant genotype mediates the effects of nutrients on aphids. <i>Oecologia</i> , 2010, 163, 675-679.	2.0	14
25	Dichotomy of mangrove management: A review of research and policy in the Mesoamerican reef region. <i>Ocean and Coastal Management</i> , 2018, 157, 40-49.	4.4	14
26	Multi-individual microsatellite identification: A multiple genome approach to microsatellite design (MiMi). <i>Molecular Ecology Resources</i> , 2019, 19, 1672-1680.	4.8	13
27	Which moss is which? Identification of the threatened moss <i>Orthodontium gracile</i> using molecular and morphological techniques. <i>Conservation Genetics</i> , 2010, 11, 1033-1042.	1.5	12
28	Host-plant genotypic diversity and community genetic interactions mediate aphid spatial distribution. <i>Ecology and Evolution</i> , 2014, 4, 121-131.	1.9	12
29	Effects of maternal genotypic identity and genetic diversity of the red mangrove <i>Rhizophora mangle</i> on associated soil bacterial communities: A field-based experiment. <i>Ecology and Evolution</i> , 2020, 10, 13957-13967.	1.9	12
30	Fungal microbiomes are determined by host phylogeny and exhibit widespread associations with the bacterial microbiome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210552.	2.6	12
31	Mating system variation in neotropical black mangrove, <i>Avicennia germinans</i> , at three spatial scales towards an expanding northern distributional limit. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 248, 106754.	2.1	11
32	Blind Trading: A Literature Review of Research Addressing the Welfare of Ball Pythons in the Exotic Pet Trade. <i>Animals</i> , 2020, 10, 193.	2.3	11
33	Cultivar Differences and Impact of Plant-Plant Competition on Temporal Patterns of Nitrogen and Biomass Accumulation. <i>Frontiers in Plant Science</i> , 2019, 10, 215.	3.6	9
34	Characterizing the genetic diversity of the Andean blueberry ( <i>Vaccinium floribundum</i> Kunth.) across the Ecuadorian Highlands. <i>PLoS ONE</i> , 2020, 15, e0243420.	2.5	9
35	Mangrove diversity is more than fringe deep. <i>Scientific Reports</i> , 2022, 12, 1695.	3.3	9
36	Growth and Development of Mosses are Inhibited by the Common Herbicide Asulam. <i>Bryologist</i> , 2005, 108, 287-294.	0.6	6

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37	Biodiversity in agricultural landscapes: The effect of apple cultivar on epiphyte diversity. <i>Ecology and Evolution</i> , 2017, 7, 1250-1258.	1.9	6
38	A preliminary assessment of bacteria in <i>Ball</i> pythons ( <i>Python regius</i> ), Togo, West Africa. <i>Nature Conservation</i> , 0, 39, 73-86.	0.0	6
39	Understanding the genetic diversity of the guayabillo ( <i>Psidium galapageium</i> ), an endemic plant of the Galapagos Islands. <i>Global Ecology and Conservation</i> , 2020, 24, e01350.	2.1	5
40	Genetically based adaptive trait shifts at an expanding mangrove range margin. <i>Hydrobiologia</i> , 2022, 849, 1777-1794.	2.0	5
41	The contrasting roles of host species diversity and parasite population genetic diversity in the infection dynamics of a keystone parasitic plant. <i>Journal of Ecology</i> , 2019, 107, 23-33.	4.0	4
42	Genetic structure of a remnant <i>Acropora cervicornis</i> population. <i>Scientific Reports</i> , 2021, 11, 3523.	3.3	4
43	Community Genetic and Competition Effects in a Model Pea Aphid System. <i>Advances in Ecological Research</i> , 2014, 50, 243-265.	2.7	3
44	Interactions between the Bumblebee <i>Bombus pascuorum</i> and Red Clover ( <i>Trifolium pratense</i> ) Are Mediated by Plant Genetic Background. <i>PLoS ONE</i> , 2016, 11, e0161327.	2.5	3
45	What's in a name? Wildlife traders evade authorities using code words. <i>Oryx</i> , 2018, 52, 13-13.	1.0	3
46	Multiplex microsatellite PCR panels for the neotropical red mangrove, <i>Rhizophora mangle</i> : combining efforts towards a cost-effective and modifiable tool to better inform conservation and management. <i>Conservation Genetics Resources</i> , 2020, 12, 503-513.	0.8	3
47	Arable wildflowers have potential as living mulches for sustainable agriculture. <i>Plant Ecology and Diversity</i> , 2021, 14, 93-104.	2.4	3
48	The genetics of indirect ecological effects—plant parasites and aphid herbivores. <i>Frontiers in Genetics</i> , 2014, 5, 72.	2.3	2
49	Rediscovery of the chinchilla in Bolivia. <i>Oryx</i> , 2018, 52, 13-14.	1.0	2
50	Evidence for the genetic similarity rule at an expanding mangrove range limit. <i>American Journal of Botany</i> , 2021, 108, 1331-1342.	1.7	2
51	Assessing the Genetic Diversity of <i>Ilex guayusa</i> Loes., a Medicinal Plant from the Ecuadorian Amazon. <i>Diversity</i> , 2021, 13, 182.	1.7	1