

Anne Pringle

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

4,488
citations

32
h-index

66
g-index

77
ext. papers

5,377
ext. citations

6
avg, IF

5.43
L-index

#	Paper	IF	Citations
70	A meta-analysis of context-dependency in plant response to inoculation with mycorrhizal fungi. <i>Ecology Letters</i> , 2010 , 13, 394-407	10	681
69	Convergent losses of decay mechanisms and rapid turnover of symbiosis genes in mycorrhizal mutualists. <i>Nature Genetics</i> , 2015 , 47, 410-5	36.3	601
68	Mycorrhizal Symbioses and Plant Invasions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009 , 40, 699-715	13.5	308
67	Arbuscular Mycorrhizal Fungi: More Diverse than Meets the Eye, and the Ecological Tale of Why. <i>BioScience</i> , 2001 , 51, 923	5.7	250
66	The promise and the potential consequences of the global transport of mycorrhizal fungal inoculum. <i>Ecology Letters</i> , 2006 , 9, 501-15	10	244
65	The fitness of filamentous fungi. <i>Trends in Microbiology</i> , 2002 , 10, 474-81	12.4	172
64	Global patterns of ectomycorrhizal introductions. <i>New Phytologist</i> , 2009 , 181, 960-973	9.8	151
63	The invasive plant <i>Alliaria petiolata</i> (garlic mustard) inhibits ectomycorrhizal fungi in its introduced range. <i>Journal of Ecology</i> , 2008 , 96, 777-783	6	149
62	Divergent phenologies may facilitate the coexistence of arbuscular mycorrhizal fungi in a North Carolina grassland. <i>American Journal of Botany</i> , 2002 , 89, 1439-46	2.7	114
61	Chronic nitrogen additions fundamentally restructure the soil fungal community in a temperate forest. <i>Fungal Ecology</i> , 2016 , 23, 48-57	4.1	101
60	Random network peristalsis in <i>Physarum polycephalum</i> organizes fluid flows across an individual. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13306-11	11.5	96
59	The emerging science of linked plant-fungal invasions. <i>New Phytologist</i> , 2017 , 215, 1314-1332	9.8	86
58	The ectomycorrhizal fungus <i>Amanita phalloides</i> was introduced and is expanding its range on the west coast of North America. <i>Molecular Ecology</i> , 2009 , 18, 817-33	5.7	85
57	The captured launch of a ballistospore. <i>Mycologia</i> , 2005 , 97, 866-71	2.4	83
56	The irreversible loss of a decomposition pathway marks the single origin of an ectomycorrhizal symbiosis. <i>PLoS ONE</i> , 2012 , 7, e39597	3.7	82
55	Dispersal of fungal spores on a cooperatively generated wind. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17474-9	11.5	64
54	The captured launch of a ballistospore. <i>Mycologia</i> , 2005 , 97, 866-871	2.4	64

53	Distribution and abundance of the introduced ectomycorrhizal fungus <i>Amanita phalloides</i> in North America. <i>New Phytologist</i> , 2010 , 185, 803-16	9.8	61
52	Bacterial diversity across individual lichens. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 4249-52	4.8	57
51	A keystone predator controls bacterial diversity in the pitcher-plant (<i>Sarracenia purpurea</i>) microecosystem. <i>Environmental Microbiology</i> , 2008 , 10, 2257-66	5.2	52
50	Explosively launched spores of ascomycete fungi have drag-minimizing shapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20583-8	11.5	49
49	High levels of variation in ribosomal DNA sequences within and among spores of a natural population of the arbuscular mycorrhizal fungus <i>Acaulospora colossica</i> . <i>Mycologia</i> , 2000 , 92, 259-268	2.4	49
48	Long-Distance Dispersal of Fungi. <i>Microbiology Spectrum</i> , 2017 , 5,	8.9	48
47	Mechanism of signal propagation in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5136-5141	11.5	47
46	Last Chance to Know? Using Literature to Explore the Biogeography and Invasion Biology of the Death Cap Mushroom <i>Amanita phalloides</i> (Vaill. ex Fr. :Fr.) Link. <i>Biological Invasions</i> , 2006 , 8, 1131-1144	2.7	45
45	Evolutionary history of plant hosts and fungal symbionts predicts the strength of mycorrhizal mutualism. <i>Communications Biology</i> , 2018 , 1, 116	6.7	43
44	Analogous effects of arbuscular mycorrhizal fungi in the laboratory and a North Carolina field. <i>New Phytologist</i> , 2008 , 180, 162-175	9.8	42
43	High Levels of Variation in Ribosomal DNA Sequences within and among Spores of a Natural Population of the Arbuscular Mycorrhizal Fungus <i>Acaulospora colossica</i> . <i>Mycologia</i> , 2000 , 92, 259	2.4	40
42	Transposable element dynamics among asymbiotic and ectomycorrhizal <i>Amanita</i> fungi. <i>Genome Biology and Evolution</i> , 2014 , 6, 1564-78	3.9	35
41	<i>Amanita thiersii</i> is a saprotrophic fungus expanding its range in the United States. <i>Mycologia</i> , 2012 , 104, 22-33	2.4	34
40	Asthma and the diversity of fungal spores in air. <i>PLoS Pathogens</i> , 2013 , 9, e1003371	7.6	33
39	Geographically structured host specificity is caused by the range expansions and host shifts of a symbiotic fungus. <i>ISME Journal</i> , 2012 , 6, 745-55	11.9	32
38	Anthropogenic Influences on the Diversity of Fungi Isolated from Caves in Kentucky and Tennessee. <i>American Midland Naturalist</i> , 2010 , 163, 76-86	0.7	29
37	Towards management of invasive ectomycorrhizal fungi. <i>Biological Invasions</i> , 2016 , 18, 3383-3395	2.7	29
36	Fungi exposed to chronic nitrogen enrichment are less able to decay leaf litter. <i>Ecology</i> , 2017 , 98, 5-11	4.6	28

35	The shape of fungal ecology: does spore morphology give clues to a species' niche?. <i>Fungal Ecology</i> , 2015 , 17, 213-216	4.1	26
34	Convergence in Multispecies Interactions. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 269-280	10.9	25
33	Pruning to Increase Taylor Dispersion in Physarum polycephalum Networks. <i>Physical Review Letters</i> , 2016 , 117, 178103	7.4	24
32	Simulated nitrogen deposition favors stress-tolerant fungi with low potential for decomposition. <i>Soil Biology and Biochemistry</i> , 2018 , 125, 75-85	7.5	23
31	Asymmetric drop coalescence launches fungal ballistospores with directionality. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	22
30	Convergence between the microcosms of Southeast Asian and North American pitcher plants. <i>ELife</i> , 2018 , 7,	8.9	19
29	Warming alters fungal communities and litter chemistry with implications for soil carbon stocks. <i>Soil Biology and Biochemistry</i> , 2019 , 132, 120-130	7.5	19
28	Timing of fungal spore release dictates survival during atmospheric transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 5134-5143	11.5	18
27	Sexual Fecundity is Correlated to Size in the Lichenized Fungus <i>Xanthoparmelia cumberlandia</i> . <i>Bryologist</i> , 2003 , 106, 221-225	0.7	18
26	Rapid Divergence of Genome Architectures Following the Origin of an Ectomycorrhizal Symbiosis in the Genus <i>Amanita</i> . <i>Molecular Biology and Evolution</i> , 2018 , 35, 2786-2804	8.3	17
25	Metabarcoding as a tool for investigating arthropod diversity in <i>Nepenthes</i> pitcher plants. <i>Austral Ecology</i> , 2016 , 41, 120-132	1.5	16
24	Long-Distance Dispersal of Fungi 2017 , 309-333		16
23	A natural O-ring optimizes the dispersal of fungal spores. <i>Journal of the Royal Society Interface</i> , 2013 , 10, 20130187	4.1	15
22	Distinctive fungal communities in an obligate African ant-plant mutualism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	11
21	Names matter: Interdisciplinary research on taxonomy and nomenclature for ecosystem management. <i>Progress in Physical Geography</i> , 2015 , 39, 640-660	3.5	11
20	Effects of autosomal inversions on meiotic exchange in distal and proximal regions of the X chromosome in a natural population of <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 1994 , 63, 57-62	1.1	11
19	Horizontal transfer of carbohydrate metabolism genes into ectomycorrhizal <i>Amanita</i> . <i>New Phytologist</i> , 2015 , 205, 1552-1564	9.8	10
18	Revisiting the rDNA sequence diversity of a natural population of the arbuscular mycorrhizal fungus <i>Acaulospora colossica</i> . <i>Mycorrhiza</i> , 2003 , 13, 227-31	3.9	10

17	PRIMER NOTE. Using the incomplete genome of the ectomycorrhizal fungus <i>Amanita bisporigera</i> to identify molecular polymorphisms in the related <i>Amanita phalloides</i> . <i>Molecular Ecology Notes</i> , 2006 , 6, 218-220		9
16	Cardio-Oncology Preventive Care: Racial and Ethnic Disparities. <i>Current Cardiovascular Risk Reports</i> , 2020 , 14, 1	0.9	9
15	A universal growth limit for circular lichens. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	7
14	Is meiosis a fundamental cause of inviability among sexual and asexual plants and animals?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	7
13	Mycorrhizal networks. <i>Current Biology</i> , 2009 , 19, R838-9	6.3	7
12	Physarum. <i>Current Biology</i> , 2013 , 23, R1082-3	6.3	6
11	In Colombia the Eurasian fungus is expanding its range into native, tropical forests. <i>Mycologia</i> , 2019 , 111, 758-771	2.4	5
10	Superior Dispersal Ability Can Lead to Persistent Ecological Dominance throughout Succession. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	5
9	Increased C3 productivity in Midwestern lawns since 1982 revealed by carbon isotopes in <i>Amanita thiersii</i> . <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 280-288	3.7	4
8	Fungal Seed Pathogens of Wild Chili Peppers Possess Multiple Mechanisms To Tolerate Capsaicinoids. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	4
7	Linking Genes to Traits in Fungi. <i>Microbial Ecology</i> , 2021 , 82, 145-155	4.4	4
6	Mysterious Mycorrhizae? A Field Trip & Classroom Experiment to Demystify the Symbioses Formed between Plants & Fungi. <i>American Biology Teacher</i> , 2009 , 71, 424-429	0.3	2
5	De Novo Gene Birth, Horizontal Gene Transfer, and Gene Duplication as Sources of New Gene Families Associated with the Origin of Symbiosis in <i>Amanita</i> . <i>Genome Biology and Evolution</i> , 2020 , 12, 2168-2182	3.9	2
4	Biochemical characterization of TyrA dehydrogenases from <i>Saccharomyces cerevisiae</i> (Ascomycota) and <i>Pleurotus ostreatus</i> (Basidiomycota). <i>Archives of Biochemistry and Biophysics</i> , 2019 , 665, 12-19	4.1	1
3	A precise relationship among Buller's drop, ballistospore, and gill morphologies enables maximum packing of spores within gilled mushrooms. <i>Mycologia</i> , 2021 , 113, 300-311	2.4	1
2	Koch's postulates: Confirming as the cause of yellow fungal disease in. <i>Mycologia</i> , 2021 , 113, 1253-1263	2.4	0
1	A century later, resolving Joseph Grinnell's "striking case of adventitious coloration" <i>Auk</i> , 2017 , 134, 551-552	2.1	