# Anne Pringle

## List of Publications by Year in Descending Order



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| 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 precise relationship among Buller's drop, ballistospore, and gill morphologies enables maximum packing of spores within gilled mushrooms. *Mycologia*, **2021**, 113, 300-311 | 2.4 | 1 |
| 69 | Linking Genes to Traits in Fungi. *Microbial Ecology*, **2021**, 82, 145-155 | 4.4 | 4 |
| 68 | Koch's postulates: Confirming as the cause of yellow fungal disease in. *Mycologia*, **2021**, 113, 1253-1263 | 2.4 | 0 |
| 67 | Timing of fungal spore release dictates survival during atmospheric transport. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 5134-5143 | 11.5 | 18 |
| 66 | Fungal Seed Pathogens of Wild Chili Peppers Possess Multiple Mechanisms To Tolerate Capsaicinoids. *Applied and Environmental Microbiology*, **2020**, 86, | 4.8 | 4 |
| 65 | De Novo Gene Birth, Horizontal Gene Transfer, and Gene Duplication as Sources of New Gene Families Associated with the Origin of Symbiosis in Amanita. *Genome Biology and Evolution*, **2020**, 12, 2168-2182 | 3.9 | 2 |
| 64 | Cardio-Oncology Preventive Care: Racial and Ethnic Disparities. *Current Cardiovascular Risk Reports*, **2020**, 14, 1 | 0.9 | 9 |
| 63 | In Colombia the Eurasian fungus is expanding its range into native, tropical forests. *Mycologia*, **2019** , 111, 758-771 | 2.4 | 5 |
| 62 | Biochemical characterization of TyrA dehydrogenases from Saccharomyces cerevisiae (Ascomycota) and Pleurotus ostreatus (Basidiomycota). *Archives of Biochemistry and Biophysics*, **2019**, 665, 12-19 | 4.1 | 1 |
| 61 | Warming alters fungal communities and litter chemistry with implications for soil carbon stocks. *Soil Biology and Biochemistry*, **2019**, 132, 120-130 | 7.5 | 19 |
| 60 | Superior Dispersal Ability Can Lead to Persistent Ecological Dominance throughout Succession. *Applied and Environmental Microbiology*, **2019**, 85, | 4.8 | 5 |
| 59 | Simulated nitrogen deposition favors stress-tolerant fungi with low potential for decomposition. *Soil Biology and Biochemistry*, **2018**, 125, 75-85 | 7.5 | 23 |
| 58 | Evolutionary history of plant hosts and fungal symbionts predicts the strength of mycorrhizal mutualism. *Communications Biology*, **2018**, 1, 116 | 6.7 | 43 |
| 57 | A universal growth limit for circular lichens. *Journal of the Royal Society Interface*, **2018**, 15, | 4.1 | 7 |
| 56 | Convergence between the microcosms of Southeast Asian and North American pitcher plants. *ELife* , **2018**, 7, | 8.9 | 19 |
| 55 | Rapid Divergence of Genome Architectures Following the Origin of an Ectomycorrhizal Symbiosis in the Genus Amanita. *Molecular Biology and Evolution*, **2018**, 35, 2786-2804 | 8.3 | 17 |
| 54 | Increased C3 productivity in Midwestern lawns since 1982 revealed by carbon isotopes in Amanita thiersii. *Journal of Geophysical Research G: Biogeosciences*, **2017**, 122, 280-288 | 3.7 | 4 |

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| 53 | Mechanism of signal propagation in. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 5136-5141 | 11.5 | 47 |
| 52 | A century later, resolving Joseph Grinnell's striking case of adventitious coloration *Auk*, **2017**, 134, 551-552 | 2.1 | |
| 51 | Distinctive fungal communities in an obligate African ant-plant mutualism. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284, | 4.4 | 11 |
| 50 | Long-Distance Dispersal of Fungi. *Microbiology Spectrum*, **2017**, 5, | 8.9 | 48 |
| 49 | Is meiosis a fundamental cause of inviability among sexual and asexual plants and animals?. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284, | 4.4 | 7 |
| 48 | The emerging science of linked plant-fungal invasions. *New Phytologist*, **2017**, 215, 1314-1332 | 9.8 | 86 |
| 47 | Fungi exposed to chronic nitrogen enrichment are less able to decay leaf litter. *Ecology*, **2017**, 98, 5-11 | 4.6 | 28 |
| 46 | Long-Distance Dispersal of Fungi **2017**, 309-333 | | 16 |
| 45 | Asymmetric drop coalescence launches fungal ballistospores with directionality. *Journal of the Royal Society Interface*, **2017**, 14, | 4.1 | 22 |
| 44 | Chronic nitrogen additions fundamentally restructure the soil fungal community in a temperate forest. *Fungal Ecology*, **2016**, 23, 48-57 | 4.1 | 101 |
| 43 | Pruning to Increase Taylor Dispersion in Physarum polycephalum Networks. *Physical Review Letters*, **2016**, 117, 178103 | 7.4 | 24 |
| 42 | Convergence in Multispecies Interactions. *Trends in Ecology and Evolution*, **2016**, 31, 269-280 | 10.9 | 25 |
| 41 | Metabarcoding as a tool for investigating arthropod diversity in Nepenthes pitcher plants. *Austral Ecology*, **2016**, 41, 120-132 | 1.5 | 16 |
| 40 | Towards management of invasive ectomycorrhizal fungi. *Biological Invasions*, **2016**, 18, 3383-3395 | 2.7 | 29 |
| 39 | Convergent losses of decay mechanisms and rapid turnover of symbiosis genes in mycorrhizal mutualists. *Nature Genetics*, **2015**, 47, 410-5 | 36.3 | 601 |
| 38 | The shape of fungal ecology: does spore morphology give clues to a species' niche?. *Fungal Ecology*, **2015**, 17, 213-216 | 4.1 | 26 |
| 37 | Names matter: Interdisciplinary research on taxonomy and nomenclature for ecosystem management. *Progress in Physical Geography*, **2015**, 39, 640-660 | 3.5 | 11 |
| 36 | Horizontal transfer of carbohydrate metabolism genes into ectomycorrhizal Amanita. *New Phytologist*, **2015**, 205, 1552-1564 | 9.8 | 10 |

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| 35 | Transposable element dynamics among asymbiotic and ectomycorrhizal Amanita fungi. *Genome Biology and Evolution*, **2014**, 6, 1564-78 | 3.9 | 35 |
| 34 | Physarum. *Current Biology*, **2013**, 23, R1082-3 | 6.3 | 6 |
| 33 | Asthma and the diversity of fungal spores in air. *PLoS Pathogens*, **2013**, 9, e1003371 | 7.6 | 33 |
| 32 | A natural O-ring optimizes the dispersal of fungal spores. *Journal of the Royal Society Interface*, **2013**, 10, 20130187 | 4.1 | 15 |
| 31 | Random network peristalsis in Physarum polycephalum organizes fluid flows across an individual. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13306-11 | 11.5 | 96 |
| 30 | Geographically structured host specificity is caused by the range expansions and host shifts of a symbiotic fungus. *ISME Journal*, **2012**, 6, 745-55 | 11.9 | 32 |
| 29 | The irreversible loss of a decomposition pathway marks the single origin of an ectomycorrhizal symbiosis. *PLoS ONE*, **2012**, 7, e39597 | 3.7 | 82 |
| 28 | Amanita thiersii is a saprotrophic fungus expanding its range in the United States. *Mycologia*, **2012**, 104, 22-33 | 2.4 | 34 |
| 27 | Bacterial diversity across individual lichens. *Applied and Environmental Microbiology*, **2011**, 77, 4249-52 | 4.8 | 57 |
| 26 | Distribution and abundance of the introduced ectomycorrhizal fungus Amanita phalloides in North America. *New Phytologist*, **2010**, 185, 803-16 | 9.8 | 61 |
| 25 | A meta-analysis of context-dependency in plant response to inoculation with mycorrhizal fungi. *Ecology Letters*, **2010**, 13, 394-407 | 10 | 681 |
| 24 | Dispersal of fungal spores on a cooperatively generated wind. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 17474-9 | 11.5 | 64 |
| 23 | Anthropogenic Influences on the Diversity of Fungi Isolated from Caves in Kentucky and Tennessee. *American Midland Naturalist*, **2010**, 163, 76-86 | 0.7 | 29 |
| 22 | Mysterious Mycorrhizae? A Field Trip & Classroom Experiment to Demystify the Symbioses Formed between Plants & Fungi. *American Biology Teacher*, **2009**, 71, 424-429 | 0.3 | 2 |
| 21 | Mycorrhizal networks. *Current Biology*, **2009**, 19, R838-9 | 6.3 | 7 |
| 20 | The ectomycorrhizal fungus Amanita phalloides was introduced and is expanding its range on the west coast of North America. *Molecular Ecology*, **2009**, 18, 817-33 | 5.7 | 85 |
| 19 | Global patterns of ectomycorrhizal introductions. *New Phytologist*, **2009**, 181, 960-973 | 9.8 | 151 |
| 18 | Mycorrhizal Symbioses and Plant Invasions. *Annual Review of Ecology, Evolution, and Systematics*, **2009**, 40, 699-715 | 13.5 | 308 |

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| 17 | Analogous effects of arbuscular mycorrhizal fungi in the laboratory and a North Carolina field. *New Phytologist*, **2008**, 180, 162-175 | 9.8 | 42 |
| 16 | A keystone predator controls bacterial diversity in the pitcher-plant (Sarracenia purpurea) microecosystem. *Environmental Microbiology*, **2008**, 10, 2257-66 | 5.2 | 52 |
| 15 | The invasive plant Alliaria petiolata (garlic mustard) inhibits ectomycorrhizal fungi in its introduced range. *Journal of Ecology*, **2008**, 96, 777-783 | 6 | 149 |
| 14 | Explosively launched spores of ascomycete fungi have drag-minimizing shapes. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 20583-8 | 11.5 | 49 |
| 13 | The promise and the potential consequences of the global transport of mycorrhizal fungal inoculum. *Ecology Letters*, **2006**, 9, 501-15 | 10 | 244 |
| 12 | PRIMER NOTE. Using the incomplete genome of the ectomycorrhizal fungus Amanita bisporigera to identify molecular polymorphisms in the related Amanita phalloides. *Molecular Ecology Notes*, **2006**, 6, 218-220 | | 9 |
| 11 | Last Chance to Know? Using Literature to Explore the Biogeography and Invasion Biology of the Death Cap Mushroom Amanita phalloides (Vaill. ex Fr. :Fr.) Link. *Biological Invasions*, **2006**, 8, 1131-1144 | 2.7 | 45 |
| 10 | The captured launch of a ballistospore. *Mycologia*, **2005**, 97, 866-871 | 2.4 | 64 |
| 9 | The captured launch of a ballistospore. *Mycologia*, **2005**, 97, 866-71 | 2.4 | 83 |
| 8 | Sexual Fecundity is Correlated to Size in the Lichenized Fungus Xanthoparmelia cumberlandia. *Bryologist*, **2003**, 106, 221-225 | 0.7 | 18 |
| 7 | Revisiting the rDNA sequence diversity of a natural population of the arbuscular mycorrhizal fungus Acaulospora colossica. *Mycorrhiza*, **2003**, 13, 227-31 | 3.9 | 10 |
| 6 | Divergent phenologies may facilitate the coexistence of arbuscular mycorrhizal fungi in a North Carolina grassland. *American Journal of Botany*, **2002**, 89, 1439-46 | 2.7 | 114 |
| 5 | The fitness of filamentous fungi. *Trends in Microbiology*, **2002**, 10, 474-81 | 12.4 | 172 |
| 4 | Arbuscular Mycorrhizal Fungi: More Diverse than Meets the Eye, and the Ecological Tale of Why. *BioScience*, **2001**, 51, 923 | 5.7 | 250 |
| 3 | High levels of variation in ribosomal DNA sequences within and among spores of a natural population of the arbuscular mycorrhizal fungus Acaulospora colossica. *Mycologia*, **2000**, 92, 259-268 | 2.4 | 49 |
| 2 | High Levels of Variation in Ribosomal DNA Sequences within and among Spores of a Natural Population of the Arbuscular Mycorrhizal Fungus Acaulospora colossica. *Mycologia*, **2000**, 92, 259 | 2.4 | 40 |
| 1 | Effects of autosomal inversions on meiotic exchange in distal and proximal regions of the X chromosome in a natural population of Drosophila melanogaster. *Genetical Research*, **1994**, 63, 57-62 | 1.1 | 11 |