

# Jerry Cooper

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,192  
citations

687363

13  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co <sup>2</sup> invasion by <i>Pinus</i> and its mycorrhizal fungi. <i>New Phytologist</i> , 2010, 187, 475-484.	7.3	233
2	Megaphylogeny resolves global patterns of mushroom evolution. <i>Nature Ecology and Evolution</i> , 2019, 3, 668-678.	7.8	187
3	Names are key to the big new biology. <i>Trends in Ecology and Evolution</i> , 2010, 25, 686-691.	8.7	159
4	Role of phenolic compounds in the antialgal activity of barley straw. <i>Journal of Chemical Ecology</i> , 1994, 20, 1557-1569.	1.8	110
5	Surface Acoustic Wave Interactions with Cracks and Slots: A Noncontacting Study Using Lasers. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 1986, 33, 462-470.	3.0	93
6	Import volumes and biosecurity interventions shape the arrival rate of fungal pathogens. <i>PLoS Biology</i> , 2018, 16, e2006025.	5.6	64
7	A phylogenetic approach to a global supraspecific taxonomy of <i>Cortinarius</i> ( <i>Agaricales</i> ) with an emphasis on the southern mycota. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2019, 42, 261-290.	4.4	39
8	Taxonomic similarity, more than contact opportunity, explains novel plant-pathogen associations between native and alien taxa. <i>New Phytologist</i> , 2016, 212, 657-667.	7.3	33
9	Characterization of surface-breaking defects in metals with the use of laser-generated ultrasound. <i>Philosophical Transactions of the Royal Society A</i> , 1986, 320, 319-328.	1.1	32
10	Barley straw as an inhibitor of algal growth III: the role of fungal decomposition. <i>Journal of Applied Phycology</i> , 1992, 4, 353-355.	2.8	26
11	New Zealand hyphomycete fungi: Additional records, new species, and notes on interesting collections. <i>New Zealand Journal of Botany</i> , 2005, 43, 323-349.	1.1	25
12	Recognition of the discipline of conservation mycology. <i>Conservation Biology</i> , 2019, 33, 733-736.	4.7	18
13	Barley straw inhibits growth of some aquatic saprolegniaceous fungi. <i>Aquaculture</i> , 1997, 156, 157-163.	3.5	16
14	New species and combinations of some New Zealand agarics belonging to <i>Clitopilus</i> , <i>Lyophyllum</i> , <i>Gerhardtia</i> , <i>Clitocybe</i> , <i>Hydnangium</i> , <i>Mycena</i> , <i>Rhodocollybia</i> and <i>Gerronema</i> . <i>Mycosphere</i> , 2014, 5, 263-288.	6.1	16
15	Molecular phylogeny and global diversity of the remarkable genus <i>Bondarzewia</i> (Basidiomycota). <i>Trends in Microbiology</i> , 2019, 27, 107-119.	0.784314	15
16	Loss of functional diversity and network modularity in introduced plant-fungal symbioses. <i>Australian Journal of Botany</i> , 2016, 64, plw084.	2.3	12
17	(117-119) Proposals to make the pre-publication deposit of key nomenclatural information in a recognized repository a requirement for valid publication of organisms treated as fungi under the <i>Code</i> . <i>Taxon</i> , 2010, 59, 660-662.	0.7	10
18	Three new species of foetid <i>Gymnopus</i> in New Zealand. <i>Mycology</i> , 2007, 7, 31-44.	1.9	10

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19	A spherical capacitance transducer for ultrasonic displacement measurements in NDE. Journal of Physics E: Scientific Instruments, 1987, 20, 204-209.	0.7	9
20	<i>Psathyroma</i> , a new genus in Hymenogastraceae described from New Zealand. Mycologia, 2016, 108, 397-404.	1.9	9
21	Novel interactions between alien pathogens and native plants increase plant-pathogen network connectance and decrease specialization. Journal of Ecology, 2020, 108, 750-760.	4.0	9
22	Purple haze: Cryptic purple sequestrate Cortinarius in New Zealand. Mycologia, 2020, 112, 588-605.	1.9	9
23	Overview of Phacidiales, including Aotearoamyces gen. nov. on Nothofagus. IMA Fungus, 2018, 9, 371-382.	3.8	8
24	Open data on fungi and bacterial plant pathogens in New Zealand. Mycology, 2017, 8, 59-66.	4.4	7
25	Environmental, social and spatial determinants of urban arboreal character in Auckland, New Zealand. , 2009, , 287-307.		6
26	Boletopsis nothofagi sp. nov. associated with Nothofagus in the Southern Hemisphere. MycoKeys, 2012, 3, 13-22.	1.9	6
27	The fungal genus Tricholomopsis (Agaricales) in New Zealand, including Tricholomopsis scabra sp. nov.. Phytotaxa, 2016, 288, 69.	0.3	6
28	New data in Porothelaeaceae and Cyphellaceae: epitypification of Prunulus scabripes Murrill, the status of Mycopan Redhead, Moncalvo & Vilgalys and a new combination in Pleurella Horak emend.. Mycological Progress, 2022, 21, 1.	1.4	6
29	<i>Lauriomyces</i> , a New Lineage in the Leotiomycetes with Three New Species. Cryptogamie, Mycologie, 2017, 38, 259-273.	1.0	5
30	First record of the fungus Battarrea phalloides (Agariaceae) in New Zealand. New Zealand Journal of Botany, 2018, 56, 109-114.	1.1	3
31	<i>Modicella albostipitata</i> , a new species of sporocarp-forming fungus from New Zealand (Mortierellaceae: Tj ETQq1 1 0.784314 rgBT /Overlock.30 Tf 503257 Td		0
32	Phylogeny and Diversity of the Genus Pseudohydnum (Auriculariales, Basidiomycota). Journal of Fungi (Basel, Switzerland), 2022, 8, 658.	3.5	3
33	Estimation of zoospore density by dilution assay. The Mycologist, 1993, 7, 113-115.	0.4	2
34	Nomenclature – Formal reports, proposals, and opinion. Mycotaxon, 2010, 111, 501-520.	0.3	2
35	A phylogenetic overview of <i>Squamanita</i> , with descriptions of nine new species and four new combinations. Mycologia, 2022, 114, 769-797.	1.9	1
36	Names of microorganisms and data resources to retrieve information about published names.. , 2021, , 30-54.		0

#	ARTICLE	IF	CITATIONS
37	A Consensus Method for Checklist Integration. Lecture Notes in Computer Science, 2010, , 497-505.	1.3	0
38	John Buchanan's pre-1880 records and illustrations of New Zealand funghi. , 2020, , .		0