Jouko Kalevi Rikkinen

List of Publications by Year
in descending order

96 papers	2,686 citations	201674 27 h-index	223800 46 g-index
96 all docs	96 docs citations	96 times ranked	2185 citing authors

#	Article	IF	Citations
1	Estimating the Phanerozoic history of the Ascomycota lineages: Combining fossil and molecular data. Molecular Phylogenetics and Evolution, 2014, 78, 386-398.	2.7	197
2	Lichen Guilds Share Related Cyanobacterial Symbionts. Science, 2002, 297, 357-357.	12.6	158
3	Cyanobacteria produce a high variety of hepatotoxic peptides in lichen symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5886-5891.	7.1	138
4	Discovery of Rare and Highly Toxic Microcystins from Lichen-Associated Cyanobacterium Nostoc sp. Strain IO-102-I. Applied and Environmental Microbiology, 2004, 70, 5756-5763.	3.1	131
5	Production and preservation of resinsÂâ€"Âpast and present. Biological Reviews, 2018, 93, 1684-1714.	10.4	113
6	Cyanobiont specificity in some Nostoc â€containing lichens and in a Peltigera aphthosa photosymbiodeme. New Phytologist, 1998, 139, 517-524.	7.3	88
7	Spatial patterns of photobiont diversity in some Nostoc â€containing lichens. New Phytologist, 2000, 146, 291-299.	7.3	79
8	Genetic Diversity of Nostoc Symbionts Endophytically Associated with Two Bryophyte Species. Applied and Environmental Microbiology, 2001, 67, 4393-4396.	3.1	75
9	DNA barcoding: a tool for improved taxon identification and detection of species diversity. Biodiversity and Conservation, 2011, 20, 373-389.	2.6	62
10	A new species of resinicolous Chaenothecopsis (Mycocaliciaceae, Ascomycota) from 20 million year old Bitterfeld amber, with remarks on the biology of resinicolous fungi. Mycological Research, 2000, 104, 7-15.	2.5	60
11	Molecular studies on cyanobacterial diversity inÂlichenÂsymbioses. MycoKeys, 0, 6, 3-32.	1.9	55
12	Genetic diversity of green algal and cyanobacterial photobionts in Nephroma (Peltigerales). Lichenologist, 2003, 35, 325-339.	0.8	53
13	Field investigations on cyanobacterial specificity in Peltigera aphthosa. New Phytologist, 2001, 152, 117-123.	7.3	52
14	A new species of Phyllopsora (Lecanorales, lichen-forming Ascomycota) from Dominican amber, with remarks on the fossil history of lichens. Journal of Experimental Botany, 2008, 59, 1007-1011.	4.8	51
15	Cyanolichens. Biodiversity and Conservation, 2015, 24, 973-993.	2.6	49
16	Fossilised Anzia (Lecanorales, lichen-forming Ascomycota) from European Tertiary amber. Mycological Research, 2002, 106, 984-990.	2.5	46
17	Microcystin Production in the Tripartite Cyanolichen <i>Peltigera leucophlebia</i>. Molecular Plant-Microbe Interactions, 2009, 22, 695-702.	2.6	43
18	Calicioid lichens from European Tertiary amber. Mycologia, 2003, 95, 1032-1036.	1.9	40

#	Article	IF	Citations
19	Genotype variability of Nostoc symbionts associated with three epiphytic Nephroma species in a boreal forest landscape. Bryologist, 2011, 114, 220.	0.6	40
20	A phylogenetic study of Nephroma (lichen-forming Ascomycota). Mycological Research, 2002, 106, 777-787.	2.5	38
21	Amber fossils of sooty moulds. Review of Palaeobotany and Palynology, 2014, 200, 53-64.	1.5	37
22	Sooty moulds from European Tertiary amber, with notes on the systematic position of Rosaria (â€˜Cyanobacteriaâ€™). Mycological Research, 2003, 107, 251-256.	2.5	36
23	Lejeuneaceae (Marchantiophyta) from a species-rich taphocoenosis in Miocene Mexican amber, with a review of liverworts fossilised in amber. Review of Palaeobotany and Palynology, 2015, 221, 59-70.	1.5	36
24	Alectorioid Morphologies in Paleogene Lichens: New Evidence and Re-Evaluation of the Fossil Alectoria succini MÃgdefrau. PLoS ONE, 2015, 10, e0129526.	2.5	36
25	Diversity and ecological adaptations in Palaeogene lichens. Nature Plants, 2017, 3, 17049.	9.3	35
26	Genetic diversity in cyanobacterial symbionts of thalloid bryophytes. Journal of Experimental Botany, 2008, 59, 1013-1021.	4.8	33
27	Amber inclusions from New Zealand. Gondwana Research, 2018, 56, 135-146.	6.0	31
28	What's behind the Pretty Colours: A Study on the Photobiology of Lichens. Bryologist, 1996, 99, 375.	0.6	29
29	Stuck in time â€" a new Chaenothecopsis species with proliferating ascomata from Cunninghamia resin and its fossil ancestors in European amber. Fungal Diversity, 2013, 58, 199-213.	12.3	29
30	Convergent evolution of [D-Leucine1] microcystin-LR in taxonomically disparate cyanobacteria. BMC Evolutionary Biology, 2013, 13, 86.	3.2	29
31	Geographic mosaic of symbiont selectivity in a genus of epiphytic cyanolichens. Ecology and Evolution, 2012, 2, 2291-2303.	1.9	28
32	Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding â€œFossils from conflict zones and reproducibility of fossil-based scientific dataâ€: Myanmar amber. Palaontologische Zeitschrift, 2020, 94, 431-437.	1.6	28
33	Two New Species of Resinicolous Chaenothecopsis (Mycocaliciaceae) from Western North America. Bryologist, 1999, 102, 366.	0.6	26
34	Relationships between mycobiont identity, photobiont specificity and ecological preferences in the lichen genus Peltigera (Ascomycota) in Estonia (northeastern Europe). Fungal Ecology, 2019, 39, 45-54.	1.6	26
35	Termite mound architecture regulates nest temperature and correlates with species identities of symbiotic fungi. PeerJ, 2019, 6, e6237.	2.0	26
36	Cyanobacteria in Terrestrial Symbiotic Systems. , 2017, , 243-294.		25

#	Article	IF	Citations
37	Repeat-type distribution in trnL intron does not correspond with species phylogeny: comparison of the genetic markers 16S rRNA and trnL intron in heterocystous cyanobacteria. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 765-772.	1.7	24
38	Calicioid Lichens from European Tertiary Amber. Mycologia, 2003, 95, 1032.	1.9	23
39	Lichen species identity and diversity of cyanobacterial toxins in symbiosis. New Phytologist, 2013, 198, 647-651.	7.3	22
40	The anamorphic genus Monotosporella (Ascomycota) from Eocene amber and from modern Agathis resin. Fungal Biology, 2012, 116, 1099-1110.	2.5	21
41	Diversity of fungusâ€growing termites (<i>Macrotermes</i>) and their fungal symbionts (<i>Termitomyces</i>) in the semiarid Tsavo Ecosystem, Kenya. Biotropica, 2017, 49, 402-412.	1.6	21
42	Three resinicolous North American species of Mycocaliciales in Europe with a re-evaluation of Chaenothecopsis oregana Rikkinen. Karstenia, 2011, 51, 37-49.	0.4	21
43	<i>Chaenothecopsis khayensis</i>, a new resinicolous calicioid fungus on African mahogany. Mycologia, 2011, 103, 610-615.	1.9	20
44	The Genetic Basis for O-Acetylation of the Microcystin Toxin in Cyanobacteria. Chemistry and Biology, 2013, 20, 861-869.	6.0	20
45	Fossilised fungal mycelium from Tertiary Dominican amber. Mycological Research, 2001, 105, 890-896.	2.5	19
46	Caspary's fungi from Baltic amber: historic specimens and new evidence. Papers in Palaeontology, 2019, 5, 365-389.	1.5	18
47	<i>Selaginella</i> was hyperdiverse already in the Cretaceous. New Phytologist, 2020, 228, 1176-1182.	7.3	18
48	New resinicolous <i>Chaenothecopsis</i> species from China. Mycologia, 2014, 106, 989-1003.	1.9	16
49	Lichenâ€associated fungi from Paleogene amber. New Phytologist, 2016, 209, 896-898.	7.3	16
50	Reconstruction of structural evolution in the trnL intron P6b loop of symbiotic Nostoc (Cyanobacteria). Current Genetics, 2012, 58, 49-58.	1.7	15
51	<i>Chaenothecopsis nigripunctata</i>, a remarkable new species of resinicolous Mycocaliciaceae from western North America. Mycologia, 2003, 95, 98-103.	1.9	14
52	<p align="left">Chaenothecopsis neocaledonica sp. nov.: The first resinicolous mycocalicioid fungus from an araucarian conifer. Phytotaxa, 2014, 173, 49.	0.3	14
53	Range Extensions of Selected Pin-Lichens and Allied Fungi in the Pacific Northwest. Bryologist, 1999, 102, 370.	0.6	13
54	Specialist taxa restricted to threatened habitats contribute significantly to the regional diversity of Peltigera (Lecanoromycetes, Ascomycota) in Estonia. Fungal Ecology, 2017, 30, 76-87.	1.6	13

#	Article	IF	Citations
55	Taitaia, a novel lichenicolous fungus in tropical montane forests in Kenya (East Africa). Lichenologist, 2018, 50, 173-184.	0.8	13
56	Morphological Convergence in Forest Microfungi Provides a Proxy for Paleogene Forest Structure. , 2018, , 527-549.		13
57	Complex Interaction Networks Among Cyanolichens of a Tropical Biodiversity Hotspot. Frontiers in Microbiology, 2021, 12, 672333.	3.5	13
58	The enigmatic hyphomycete Torula sensu Caspary revisited. Review of Palaeobotany and Palynology, 2015, 219, 183-193.	1.5	12
59	A Caribbean epiphyte community preserved in Miocene Dominican amber. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2016, 107, 321-331.	0.3	12
60	Evolution of the tRNALeu (UAA) Intron and Congruence of Genetic Markers in Lichen-Symbiotic Nostoc. PLoS ONE, 2015, 10, e0131223.	2.5	11
61	Calicioid lichens and fungi in amber â€" Tracing extant lineages back to the Paleogene. Geobios, 2018, 51, 469-479.	1.4	11
62	Marine microorganisms as amber inclusions: insights from coastal forests of New Caledonia. Fossil Record, 2018, 21, 213-221.	1.4	11
63	Experimental transplants reveal strong environmental effects on the growth of nonâ€vascular epiphytes in Afromontane forests. Biotropica, 2017, 49, 862-870.	1.6	10
64	Caste-specific nutritional differences define carbon and nitrogen fluxes within symbiotic food webs in African termite mounds. Scientific Reports, 2019, 9, 16698.	3.3	10
65	Microbial Communities of Cladonia Lichens and Their Biosynthetic Gene Clusters Potentially Encoding Natural Products. Microorganisms, 2021, 9, 1347.	3.6	10
66	Chaenothecopsis nigripunctata, a Remarkable New Species of Resinicolous Mycocaliciaceae from Western North America. Mycologia, 2003, 95, 98.	1.9	9
67	Additions to the moss flora of the Taita Hills and Mount Kasigau, Kenya. Polish Botanical Journal, 2013, 58, 495-510.	0.5	9
68	Vocalization Analyses of Nocturnal Arboreal Mammals of the Taita Hills, Kenya. Diversity, 2020, 12, 473.	1.7	9
69	Relations Between Cyanobacterial Symbionts in Lichens and Plants. Microbiology Monographs, 2007, , 265-270.	0.6	8
70	Diversity of lichen-associated filamentous fungi preserved in European Paleogene amber. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2016, 107, 311-320.	0.3	8
71	<i>Resinogalea humboldtensis gen. et sp. nov</i>., a New Resinicolous Fungus from New Caledonia, Placed in Bruceomycetaceae<i>fam. nova</i>(Ascomycota). Annales Botanici Fennici, 2016, 53, 205-215.	0.1	8
72	Beavers promote calicioid diversity in boreal forest landscapes. Biodiversity and Conservation, 2017, 26, 579-591.	2.6	8

#	Article	IF	Citations
73	Resin exudation and resinicolous communities on Araucaria humboldtensis in New Caledonia. Arthropod-Plant Interactions, 2017, 11, 495-505.	1.1	8
74	Morphological stasis in the first myxomycete from the Mesozoic, and the likely role of cryptobiosis. Scientific Reports, 2019, 9, 19730.	3.3	8
75	Cyanolichens: An Evolutionary Overview. , 2002, , 31-72.		8
76	Crustose lichens with lichenicolous fungi from Paleogene amber. Scientific Reports, 2019, 9, 10360.	3.3	7
77	Nomenclatural corrections in calicioid fungi. Karstenia, 2012, 52, 73-74.	0.4	7
78	Stenocybe fragmenta, a new species of Mycocaliciaceae with fragmenting spores. Mycologia, 1998, 90, 1087-1090.	1.9	6
79	Phylogeny of chitinases and its implications for estimating horizontal gene transfer from chitinase-transgenic silver birch (<i>Betula pendula</i>). Environmental Biosafety Research, 2008, 7, 227-239.	1.1	6
80	<i>Chaenothecopsis schefflerae</i> (Ascomycota: Mycocaliciales): a widespread fungus on semi-hardened exudates of endemic New Zealand Araliaceae. New Zealand Journal of Botany, 2017, 55, 387-406.	1.1	6
81	Diversity of Leptogium (Collemataceae, Ascomycota) in East African Montane Ecosystems. Microorganisms, 2021, 9, 314.	3.6	6
82	Woodpeckers can act as dispersal vectors for fungi, plants, and microorganisms. Ecology and Evolution, 2021, 11, 7154-7163.	1.9	6
83	An annotated checklist of the bryophytes of Taita Hills region, Kenya. Acta Musei Silesiae: Scientiae Naturales, 2019, 68, 53-66.	0.2	6
84	Three new species of Krogia (Ramalinaceae, lichenised Ascomycota) from the Paleotropics. MycoKeys, 2018, 40, 69-88.	1.9	6
85	Habitat preferences, estimated abundance and behavior of tree hyrax (Dendrohyrax sp.) in fragmented montane forests of Taita Hills, Kenya. Scientific Reports, 2022, 12, 6331.	3.3	6
86	Taita Mountain dwarf galago is extant in the Taita Hills of Kenya. Oryx, 2020, 54, 152-153.	1.0	5
87	Stenocybe fragmenta, a New Species of Mycocaliciaceae with Fragmenting Spores. Mycologia, 1998, 90, 1087.	1.9	4
88	Symbiotic Cyanobacteria in Lichens. , 2017, , 147-167.		4
89	Fossil Usnea and similar fruticose lichens from Palaeogene amber. Lichenologist, 2020, 52, 319-324.	0.8	4
90	You eat what you find â€“ Local patterns in vegetation structure control diets of African fungusâ€growing termites. Ecology and Evolution, 2022, 12, e8566.	1.9	4

#	Article	IF	Citations
91	Sensitivity of Tropical Pendant Bryophytes: Results from a Translocation Experiment Along an Elevation Gradient. Annales Botanici Fennici, 2020, 57, 71.	0.1	3
92	Epiphyte Colonisation of Fog Nets in Montane Forests of the Taita Hills, Kenya. Annales Botanici Fennici, 2020, 57, .	0.1	2
93	Uncovering the natural variability of araucariacean exudates from <i>ex situ</i> and <i>in situ</i> tree populations in New Caledonia using FTIR spectroscopy. , 0, 4, e17.		2
94	Fossil evidence of lichen grazing from Paleogene amber. Review of Palaeobotany and Palynology, 2022, , 104664.	1.5	1
95	Parasitaxus parasitized: novel infestation of Parasitaxus usta (Podocarpaceae). Arthropod-Plant Interactions, 2017, 11, 507-514.	1.1	0
96	Chapter 26 Fungal Diversity of Macrotermesâ€"Termitomyces Nests in Tsavo, Kenya. Mycology, 2017, , 377-384.	0.5	0