

# Jouko Kalevi Rikkinen

## List of Publications by Year in descending order

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96  
papers

2,686  
citations

201674

27  
h-index

223800

46  
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96  
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96  
docs citations

96  
times ranked

2185  
citing authors

#	ARTICLE	IF	CITATIONS
1	You eat what you find – Local patterns in vegetation structure control diets of African fungus-growing termites. <i>Ecology and Evolution</i> , 2022, 12, e8566.	1.9	4
2	Fossil evidence of lichen grazing from Paleogene amber. <i>Review of Palaeobotany and Palynology</i> , 2022, , 104664.	1.5	1
3	Habitat preferences, estimated abundance and behavior of tree hyrax ( <i>Dendrohyrax</i> sp.) in fragmented montane forests of Taita Hills, Kenya. <i>Scientific Reports</i> , 2022, 12, 6331.	3.3	6
4	Diversity of <i>Leptogium</i> (Collemataceae, Ascomycota) in East African Montane Ecosystems. <i>Microorganisms</i> , 2021, 9, 314.	3.6	6
5	Woodpeckers can act as dispersal vectors for fungi, plants, and microorganisms. <i>Ecology and Evolution</i> , 2021, 11, 7154-7163.	1.9	6
6	Microbial Communities of <i>Cladonia</i> Lichens and Their Biosynthetic Gene Clusters Potentially Encoding Natural Products. <i>Microorganisms</i> , 2021, 9, 1347.	3.6	10
7	Complex Interaction Networks Among Cyanolichens of a Tropical Biodiversity Hotspot. <i>Frontiers in Microbiology</i> , 2021, 12, 672333.	3.5	13
8	Fossil <i>Usnea</i> and similar fruticose lichens from Paleogene amber. <i>Lichenologist</i> , 2020, 52, 319-324.	0.8	4
9	Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding –Fossils from conflict zones and reproducibility of fossil-based scientific data– Myanmar amber. <i>Palaontologische Zeitschrift</i> , 2020, 94, 431-437.	1.6	28
10	Vocalization Analyses of Nocturnal Arboreal Mammals of the Taita Hills, Kenya. <i>Diversity</i> , 2020, 12, 473.	1.7	9
11	Taita Mountain dwarf galago is extant in the Taita Hills of Kenya. <i>Oryx</i> , 2020, 54, 152-153.	1.0	5
12	<i>Selaginella</i> was hyperdiverse already in the Cretaceous. <i>New Phytologist</i> , 2020, 228, 1176-1182.	7.3	18
13	Sensitivity of Tropical Pendant Bryophytes: Results from a Translocation Experiment Along an Elevation Gradient. <i>Annales Botanici Fennici</i> , 2020, 57, 71.	0.1	3
14	Epiphyte Colonisation of Fog Nets in Montane Forests of the Taita Hills, Kenya. <i>Annales Botanici Fennici</i> , 2020, 57, .	0.1	2
15	Crustose lichens with lichenicolous fungi from Paleogene amber. <i>Scientific Reports</i> , 2019, 9, 10360.	3.3	7
16	Caste-specific nutritional differences define carbon and nitrogen fluxes within symbiotic food webs in African termite mounds. <i>Scientific Reports</i> , 2019, 9, 16698.	3.3	10
17	Caspary's fungi from Baltic amber: historic specimens and new evidence. <i>Papers in Palaeontology</i> , 2019, 5, 365-389.	1.5	18
18	Morphological stasis in the first myxomycete from the Mesozoic, and the likely role of cryptobiosis. <i>Scientific Reports</i> , 2019, 9, 19730.	3.3	8

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19	Relationships between mycobiont identity, photobiont specificity and ecological preferences in the lichen genus <i>Peltigera</i> (Ascomycota) in Estonia (northeastern Europe). <i>Fungal Ecology</i> , 2019, 39, 45-54.	1.6	26
20	An annotated checklist of the bryophytes of Taita Hills region, Kenya. <i>Acta Musei Silesiae: Scientiae Naturales</i> , 2019, 68, 53-66.	0.2	6
21	Termite mound architecture regulates nest temperature and correlates with species identities of symbiotic fungi. <i>PeerJ</i> , 2019, 6, e6237.	2.0	26
22	Amber inclusions from New Zealand. <i>Gondwana Research</i> , 2018, 56, 135-146.	6.0	31
23	Taitaia, a novel lichenicolous fungus in tropical montane forests in Kenya (East Africa). <i>Lichenologist</i> , 2018, 50, 173-184.	0.8	13
24	Production and preservation of resins—Past and present. <i>Biological Reviews</i> , 2018, 93, 1684-1714.	10.4	113
25	Morphological Convergence in Forest Microfungi Provides a Proxy for Paleogene Forest Structure. , 2018, , 527-549.		13
26	Calicioid lichens and fungi in amber — Tracing extant lineages back to the Paleogene. <i>Geobios</i> , 2018, 51, 469-479.	1.4	11
27	Three new species of <i>Krogia</i> (Ramalinaceae, lichenised Ascomycota) from the Paleotropics. <i>MycKeys</i> , 2018, 40, 69-88.	1.9	6
28	Marine microorganisms as amber inclusions: insights from coastal forests of New Caledonia. <i>Fossil Record</i> , 2018, 21, 213-221.	1.4	11
29	Symbiotic Cyanobacteria in Lichens. , 2017, , 147-167.		4
30	Beavers promote calicioid diversity in boreal forest landscapes. <i>Biodiversity and Conservation</i> , 2017, 26, 579-591.	2.6	8
31	Cyanobacteria in Terrestrial Symbiotic Systems. , 2017, , 243-294.		25
32	Diversity and ecological adaptations in Palaeogene lichens. <i>Nature Plants</i> , 2017, 3, 17049.	9.3	35
33	Resin exudation and resinicolous communities on <i>Araucaria humboldtensis</i> in New Caledonia. <i>Arthropod-Plant Interactions</i> , 2017, 11, 495-505.	1.1	8
34	Parasitaxus parasitized: novel infestation of <i>Parasitaxus usta</i> (Podocarpaceae). <i>Arthropod-Plant Interactions</i> , 2017, 11, 507-514.	1.1	0
35	Diversity of fungus-growing termites ( <i>Macrotermes</i> ) and their fungal symbionts ( <i>Termitomyces</i> ) in the semi-arid Tsavo Ecosystem, Kenya. <i>Biotropica</i> , 2017, 49, 402-412.	1.6	21
36	Specialist taxa restricted to threatened habitats contribute significantly to the regional diversity of <i>Peltigera</i> (Lecanoromycetes, Ascomycota) in Estonia. <i>Fungal Ecology</i> , 2017, 30, 76-87.	1.6	13

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37	Experimental transplants reveal strong environmental effects on the growth of non-vascular epiphytes in Afromontane forests. <i>Biotropica</i> , 2017, 49, 862-870.	1.6	10
38	<i>Chaenothecopsis schefflerae</i> (Ascomycota: Mycocaliciales): a widespread fungus on semi-hardened exudates of endemic New Zealand Araliaceae. <i>New Zealand Journal of Botany</i> , 2017, 55, 387-406.	1.1	6
39	Chapter 26 Fungal Diversity of Macrotermes-“Termitomyces Nests in Tsavo, Kenya. <i>Mycology</i> , 2017, , 377-384.	0.5	0
40	A Caribbean epiphyte community preserved in Miocene Dominican amber. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2016, 107, 321-331.	0.3	12
41	Diversity of lichen-associated filamentous fungi preserved in European Paleogene amber. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2016, 107, 311-320.	0.3	8
42	<i>Resinogalea humboldtensis</i> gen. et sp. nov., a New Resiniculous Fungus from New Caledonia, Placed in Bruceomycetaceae fam. nova (Ascomycota). <i>Annales Botanici Fennici</i> , 2016, 53, 205-215.	0.1	8
43	Lichen-associated fungi from Paleogene amber. <i>New Phytologist</i> , 2016, 209, 896-898.	7.3	16
44	Evolution of the tRNA <sup>Leu</sup> (UAA) Intron and Congruence of Genetic Markers in Lichen-Symbiotic <i>Nostoc</i> . <i>PLoS ONE</i> , 2015, 10, e0131223.	2.5	11
45	The enigmatic hyphomycete <i>Torula</i> sensu Caspary revisited. <i>Review of Palaeobotany and Palynology</i> , 2015, 219, 183-193.	1.5	12
46	Cyanolichens. <i>Biodiversity and Conservation</i> , 2015, 24, 973-993.	2.6	49
47	Lejeuneaceae (Marchantiophyta) from a species-rich taphocoenosis in Miocene Mexican amber, with a review of liverworts fossilised in amber. <i>Review of Palaeobotany and Palynology</i> , 2015, 221, 59-70.	1.5	36
48	Alectoroid Morphologies in Paleogene Lichens: New Evidence and Re-Evaluation of the Fossil <i>Alectoria succini</i> Mägdefrau. <i>PLoS ONE</i> , 2015, 10, e0129526.	2.5	36
49	New resinicolous <i>Chaenothecopsis</i> species from China. <i>Mycologia</i> , 2014, 106, 989-1003.	1.9	16
50	Amber fossils of sooty moulds. <i>Review of Palaeobotany and Palynology</i> , 2014, 200, 53-64.	1.5	37
51	Estimating the Phanerozoic history of the Ascomycota lineages: Combining fossil and molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 386-398.	2.7	197
52	<i>Chaenothecopsis neocaledonica</i> sp. nov.: The first resinicolous mycocalicioid fungus from an araucarian conifer. <i>Phytotaxa</i> , 2014, 173, 49.	0.3	14
53	The Genetic Basis for O-Acetylation of the Microcystin Toxin in Cyanobacteria. <i>Chemistry and Biology</i> , 2013, 20, 861-869.	6.0	20
54	Stuck in time – a new <i>Chaenothecopsis</i> species with proliferating ascomata from <i>Cunninghamia</i> resin and its fossil ancestors in European amber. <i>Fungal Diversity</i> , 2013, 58, 199-213.	12.3	29

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55	Lichen species identity and diversity of cyanobacterial toxins in symbiosis. <i>New Phytologist</i> , 2013, 198, 647-651.	7.3	22
56	Convergent evolution of [D-Leucine <sup>1</sup> ] microcystin-LR in taxonomically disparate cyanobacteria. <i>BMC Evolutionary Biology</i> , 2013, 13, 86.	3.2	29
57	Additions to the moss flora of the Taita Hills and Mount Kasigau, Kenya. <i>Polish Botanical Journal</i> , 2013, 58, 495-510.	0.5	9
58	The anamorphic genus <i>Monotosporella</i> (Ascomycota) from Eocene amber and from modern <i>Agathis</i> resin. <i>Fungal Biology</i> , 2012, 116, 1099-1110.	2.5	21
59	Geographic mosaic of symbiont selectivity in a genus of epiphytic cyanolichens. <i>Ecology and Evolution</i> , 2012, 2, 2291-2303.	1.9	28
60	Cyanobacteria produce a high variety of hepatotoxic peptides in lichen symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5886-5891.	7.1	138
61	Reconstruction of structural evolution in the trnL intron P6b loop of symbiotic <i>Nostoc</i> (Cyanobacteria). <i>Current Genetics</i> , 2012, 58, 49-58.	1.7	15
62	Nomenclatural corrections in calicioid fungi. <i>Karstenia</i> , 2012, 52, 73-74.	0.4	7
63	<i>Chaenothecopsis khayensis</i> , a new resinicolous calicioid fungus on African mahogany. <i>Mycologia</i> , 2011, 103, 610-615.	1.9	20
64	Genotype variability of <i>Nostoc</i> symbionts associated with three epiphytic <i>Nephroma</i> species in a boreal forest landscape. <i>Bryologist</i> , 2011, 114, 220.	0.6	40
65	DNA barcoding: a tool for improved taxon identification and detection of species diversity. <i>Biodiversity and Conservation</i> , 2011, 20, 373-389.	2.6	62
66	Three resinicolous North American species of Mycocaliciales in Europe with a re-evaluation of <i>Chaenothecopsis oregana</i> Rikkinen. <i>Karstenia</i> , 2011, 51, 37-49.	0.4	21
67	Microcystin Production in the Tripartite Cyanolichen <i>Peltigera leucophlebia</i> . <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 695-702.	2.6	43
68	A new species of <i>Phyllopsora</i> (Lecanorales, lichen-forming Ascomycota) from Dominican amber, with remarks on the fossil history of lichens. <i>Journal of Experimental Botany</i> , 2008, 59, 1007-1011.	4.8	51
69	Genetic diversity in cyanobacterial symbionts of thalloid bryophytes. <i>Journal of Experimental Botany</i> , 2008, 59, 1013-1021.	4.8	33
70	Phylogeny of chitinases and its implications for estimating horizontal gene transfer from chitinase-transgenic silver birch ( <i>Betula pendula</i> ). <i>Environmental Biosafety Research</i> , 2008, 7, 227-239.	1.1	6
71	Relations Between Cyanobacterial Symbionts in Lichens and Plants. <i>Microbiology Monographs</i> , 2007, , 265-270.	0.6	8
72	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. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 765-772.	1.7	24

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73	Discovery of Rare and Highly Toxic Microcystins from Lichen-Associated Cyanobacterium <i>Nostoc</i> sp. Strain IO-102-I. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5756-5763.	3.1	131
74	Sooty moulds from European Tertiary amber, with notes on the systematic position of <i>Rosaria</i> (â€C <i>Cyanobacteria</i> â€™). <i>Mycological Research</i> , 2003, 107, 251-256.	2.5	36
75	Genetic diversity of green algal and cyanobacterial photobionts in <i>Nephroma</i> (Peltigerales). <i>Lichenologist</i> , 2003, 35, 325-339.	0.8	53
76	<i>Chaenothecopsis nigripunctata</i> , a Remarkable New Species of Resiniculous Mycocaliciaceae from Western North America. <i>Mycologia</i> , 2003, 95, 98.	1.9	9
77	Calicioid Lichens from European Tertiary Amber. <i>Mycologia</i> , 2003, 95, 1032.	1.9	23
78	Calicioid lichens from European Tertiary amber. <i>Mycologia</i> , 2003, 95, 1032-1036.	1.9	40
79	<i>Chaenothecopsis nigripunctata</i> , a remarkable new species of resinicolous Mycocaliciaceae from western North America. <i>Mycologia</i> , 2003, 95, 98-103.	1.9	14
80	Lichen Guilds Share Related Cyanobacterial Symbionts. <i>Science</i> , 2002, 297, 357-357.	12.6	158
81	Fossilised <i>Anzia</i> (Lecanorales, lichen-forming Ascomycota) from European Tertiary amber. <i>Mycological Research</i> , 2002, 106, 984-990.	2.5	46
82	A phylogenetic study of <i>Nephroma</i> (lichen-forming Ascomycota). <i>Mycological Research</i> , 2002, 106, 777-787.	2.5	38
83	Cyanolichens: An Evolutionary Overview. , 2002, , 31-72.		8
84	Field investigations on cyanobacterial specificity in <i>Peltigera aphthosa</i> . <i>New Phytologist</i> , 2001, 152, 117-123.	7.3	52
85	Fossilised fungal mycelium from Tertiary Dominican amber. <i>Mycological Research</i> , 2001, 105, 890-896.	2.5	19
86	Genetic Diversity of <i>Nostoc</i> Symbionts Endophytically Associated with Two Bryophyte Species. <i>Applied and Environmental Microbiology</i> , 2001, 67, 4393-4396.	3.1	75
87	Spatial patterns of photobiont diversity in some <i>Nostoc</i> â€™containing lichens. <i>New Phytologist</i> , 2000, 146, 291-299.	7.3	79
88	A new species of resinicolous <i>Chaenothecopsis</i> (Mycocaliciaceae, Ascomycota) from 20 million year old Bitterfeld amber, with remarks on the biology of resinicolous fungi. <i>Mycological Research</i> , 2000, 104, 7-15.	2.5	60
89	Range Extensions of Selected Pin-Lichens and Allied Fungi in the Pacific Northwest. <i>Bryologist</i> , 1999, 102, 370.	0.6	13
90	Two New Species of Resiniculous <i>Chaenothecopsis</i> (Mycocaliciaceae) from Western North America. <i>Bryologist</i> , 1999, 102, 366.	0.6	26

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91	Cyanobiont specificity in some Nostoc -containing lichens and in a Peltigera aphthosa photosymbiodeme. New Phytologist, 1998, 139, 517-524.	7.3	88
92	Stenocybe fragmenta, a New Species of Mycocaliciaceae with Fragmenting Spores. Mycologia, 1998, 90, 1087.	1.9	4
93	Stenocybe fragmenta, a new species of Mycocaliciaceae with fragmenting spores. Mycologia, 1998, 90, 1087-1090.	1.9	6
94	What's behind the Pretty Colours: A Study on the Photobiology of Lichens. Bryologist, 1996, 99, 375.	0.6	29
95	Molecular studies on cyanobacterial diversity in lichen symbioses. MycoKeys, 0, 6, 3-32.	1.9	55
96	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