

Nicolas Magain

List of Publications by Year in descending order

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41
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Molybdenum threshold for ecosystem scale alternative vanadium nitrogenase activity in boreal forests. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24682-24688.	3.3	60
2	Macroevolution of Specificity in Cyanolichens of the Genus <i>Peltigera</i> Section <i>Polydactylon</i> (Lecanoromycetes, Ascomycota). Systematic Biology, 2017, 66, syw065.	2.7	56
3	Do Photobiont Switch and Cephalodia Emancipation Act as Evolutionary Drivers in the Lichen Symbiosis? A Case Study in the Pannariaceae (<i>Peltigerales</i>). PLoS ONE, 2014, 9, e89876.	1.1	41
4	Species delimitation at a global scale reveals high species richness with complex biogeography and patterns of symbiont association in <i>Peltigera</i> section <i>Peltigera</i> (lichenized Ascomycota): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387	0.8	37
5	Phylogenetic placement, species delimitation, and cyanobiont identity of endangered aquatic <i>Peltigera</i> species (lichen-forming Ascomycota, Lecanoromycetes). American Journal of Botany, 2014, 101, 1141-1156.	0.8	37
6	Dismantling the treasured flagship lichen <i>Sticta fuliginosa</i> (<i>Peltigerales</i>) into four species in Western Europe. Mycological Progress, 2015, 14, 1.	0.5	36
7	T-BAS Version 2.1: Tree-Based Alignment Selector Toolkit for Evolutionary Placement of DNA Sequences and Viewing Alignments and Specimen Metadata on Curated and Custom Trees. Microbiology Resource Announcements, 2019, 8, .	0.3	35
8	Further photomorphs in the lichen family Lobariaceae from Reunion (Mascarene archipelago) with notes on the phylogeny of <i>Dendroscocaulon</i> cyanomorphs. Bryologist, 2012, 115, 243-254.	0.1	31
9	Conserved genomic collinearity as a source of broadly applicable, fast evolving, markers to resolve species complexes: A case study using the lichen-forming genus <i>Peltigera</i> section <i>Polydactylon</i> . Molecular Phylogenetics and Evolution, 2017, 117, 10-29.	1.2	30
10	High diversity, high insular endemism and recent origin in the lichen genus <i>Sticta</i> (lichenized) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 2018, 122, 15-28.	1.2	29
11	Contrasting Symbiotic Patterns in Two Closely Related Lineages of Trimembered Lichens of the Genus <i>Peltigera</i> . Frontiers in Microbiology, 2018, 9, 2770.	1.5	25
12	Microsatellite primers in the <i>Peltigera dolichorhiza</i> complex (lichenized ascomycete,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.8	24
13	Strong specificity and network modularity at a very fine phylogenetic scale in the lichen genus <i>Peltigera</i> . Oecologia, 2018, 187, 767-782.	0.9	24
14	Discovering the Lichen Diversity of a Remote Tropical Island: Working List of Species Collected on Reunion (Mascarene Archipelago, Indian Ocean). Herzogia, 2011, 24, 325-349.	0.1	21
15	Species diversification and phylogenetically constrained symbiont switching generated high modularity in the lichen genus <i>Peltigera</i> . Journal of Ecology, 2019, 107, 1645-1661.	1.9	20
16	Oligocene origin and drivers of diversification in the genus <i>Sticta</i> (Lobariaceae, Ascomycota). Molecular Phylogenetics and Evolution, 2018, 126, 58-73.	1.2	19
17	Bioclimatic factors at an intrabiome scale are more limiting than cyanobiont availability for the lichen-forming genus <i>Peltigera</i> . American Journal of Botany, 2018, 105, 1198-1211.	0.8	19
18	Cophylogenetic patterns in algal symbionts correlate with repeated symbiont switches during diversification and geographic expansion of lichen-forming fungi in the genus <i>Sticta</i> (Ascomycota,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	19

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19	A further new species in the lichen genus <i>Arctomia</i> : <i>A. borbonica</i> from Reunion (Mascarene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	0.8	12
20	Species in section <i>Peltidea</i> (aphthosa group) of the genus <i>Peltigera</i> remain cryptic after molecular phylogenetic revision. <i>Plant and Fungal Systematics</i> , 2018, 63, 45-64.	0.7	12
21	The fruticose genera in the Ramalinaceae (Ascomycota, Lecanoromycetes): their diversity and evolutionary history. <i>MycKeys</i> , 2020, 73, 1-68.	0.8	12
22	<i>Lecania falcata</i> , a new species from Spain, the Canary Islands and the Azores, close to <i>Lecania chlorotiza</i> . <i>Lichenologist</i> , 2012, 44, 577-590.	0.5	11
23	Phylogenetic diversity of two geographically overlapping lichens: isolation by distance, environment, or fragmentation?. <i>Journal of Biogeography</i> , 2021, 48, 676-689.	1.4	11
24	The taxonomy of the <i>Trichophyton rubrum</i> complex: a phylogenomic approach. <i>Microbial Genomics</i> , 2021, 7, .	1.0	11
25	Disentangling the <i>Peltigera polydactylon</i> Species Complex by Recognizing Two New Taxa, <i>P. polydactylon</i> subsp. <i>udeghe</i> and <i>P. seneca</i> . <i>Herzogia</i> , 2016, 29, 514-528.	0.1	10
26	The lichen genus <i>Kroswia</i> is a synonym of <i>Fuscopannaria</i> (<i>Pannariaceae</i>). <i>Lichenologist</i> , 2015, 47, 35-42.	0.5	9
27	Exploring syntenic conservation across genomes for phylogenetic studies of organisms subjected to horizontal gene transfers: A case study with Cyanobacteria and cyanolichens. <i>Molecular Phylogenetics and Evolution</i> , 2021, 162, 107100.	1.2	8
28	Macroclimatic structuring of spatial phylogenetic turnover in liverworts. <i>Ecography</i> , 2021, 44, 1474-1485.	2.1	7
29	Phylogenetic structure of specialization: A new approach that integrates partner availability and phylogenetic diversity to quantify biotic specialization in ecological networks. <i>Ecology and Evolution</i> , 2022, 12, e8649.	0.8	6
30	Cyanolichen microbiome contains novel viruses that encode genes to promote microbial metabolism. <i>ISME Communications</i> , 2021, 1, .	1.7	3
31	<i>Peltigera hydrophila</i> (Lecanoromycetes, Ascomycota), a new semi-aquatic cyanolichen species from Chile. <i>Plant and Fungal Systematics</i> , 2020, 65, 210-218.	0.7	3
32	Global phylogeny and taxonomic reassessment of the lichen genus <i>Dendriscosticta</i> (Ascomycota: Peltigerales). <i>Taxon</i> , 2022, 71, 256-287.	0.4	3
33	Phylogenetic evidence for an expanded circumscription of <i>Gabura</i> (Arctomiaceae). <i>Lichenologist</i> , 2020, 52, 3-15.	0.5	2
34	<i>Peltigera serusiauxii</i> (Lecanoromycetes, Ascomycota), a new species from Papua New Guinea and Malaysia. <i>Plant and Fungal Systematics</i> , 2020, 65, 139-146.	0.7	2
35	<i>Sinuicella denisonii</i> , a new genus and species in the Peltigeraceae from western North America. <i>Lichenologist</i> , 2021, 53, 185-192.	0.5	1
36	<i>Ramalina arsenii</i> , an additional new species in the <i>R. pollinaria</i> group in Western Europe. <i>Lichenologist</i> , 2021, 53, 433-439.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Forty-five years of lichenology: a tribute to Emmanuël Sævius. <i>Plant and Fungal Systematics</i> , 2020, 65, 2-12.	0.7	0
38	A Festschrift in honor of Emmanuël Sævius, lichenologist and environmentalist. <i>Plant and Fungal Systematics</i> , 2020, 65, 1-1.	0.7	0
39	Ascospore size declines with elevation in two tropical parmelioid lichens. <i>Plant and Fungal Systematics</i> , 2020, 65, 227-237.	0.7	0