Nicolas Magain

List of Publications by Year
in descending order

39	687	516710 16	580821 25
papers	citations	h-index	g-index

41	41	41	665
all docs	docs citations	times ranked	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.	7.1	60
2	Macroevolution of Specificity in Cyanolichens of the GenusPeltigeraSectionPolydactylon(Lecanoromycetes, Ascomycota). Systematic Biology, 2017, 66, syw065.	5.6	56
3	Do Photobiont Switch and Cephalodia Emancipation Act as Evolutionary Drivers in the Lichen Symbiosis? A Case Study in the Pannariaceae (Peltigerales). PLoS ONE, 2014, 9, e89876.	2.5	41
4	Species delimitation at a global scale reveals high species richness with complex biogeography and patterns of symbiont association in Peltigera section Peltigera (lichenized Ascomycota:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		40
5	Phylogenetic placement, species delimitation, and cyanobiont identity of endangered aquatic Peltigera species (lichenâ€forming Ascomycota, Lecanoromycetes). American Journal of Botany, 2014, 101, 1141-1156.	1.7	37
6	Dismantling the treasured flagship lichen Sticta fuliginosa (Peltigerales) into four species in Western Europe. Mycological Progress, 2015, 14, 1.	1.4	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, .	0.6	35
8	Further photomorphs in the lichen family Lobariaceae from Reunion (Mascarene archipelago) with notes on the phylogeny of Dendriscocaulon cyanomorphs. Bryologist, 2012, 115, 243-254.	0.6	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 Peltigera section Polydactylon. Molecular Phylogenetics and Evolution, 2017, 117, 10-29.	2.7	30
10	High diversity, high insular endemism and recent origin in the lichen genus Sticta (lichenized) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 2018, 122, 15-28.	2.7	29
11	Contrasting Symbiotic Patterns in Two Closely Related Lineages of Trimembered Lichens of the Genus Peltigera. Frontiers in Microbiology, 2018, 9, 2770.	3.5	25
12	Microsatellite primers in the Peltigera dolichorhiza complex (lichenized ascomycete,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.7	24
13	Strong specificity and network modularity at a very fine phylogenetic scale in the lichen genus Peltigera. Oecologia, 2018, 187, 767-782.	2.0	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.	0.4	21
15	Species diversification and phylogenetically constrained symbiont switching generated high modularity in the lichen genus Peltigera. Journal of Ecology, 2019, 107, 1645-1661.	4.0	20
16	Oligocene origin and drivers of diversification in the genus Sticta (Lobariaceae, Ascomycota). Molecular Phylogenetics and Evolution, 2018, 126, 58-73.	2.7	19
17	Bioclimatic factors at an intrabiome scale are more limiting than cyanobiont availability for the lichenâ€forming genus Peltigera. American Journal of Botany, 2018, 105, 1198-1211.	1.7	19
18	Cophylogenetic patterns in algal symbionts correlate with repeated symbiont switches during diversification and geographic expansion of lichen-forming fungi in the genus Sticta (Ascomycota,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	18

#	Article	IF	Citations
19	A further new species in the lichen genus Arctomia: A. borbonica from Reunion (Mascarene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.9	12
20	Species in section Peltidea (aphthosa group) of the genus Peltigera remain cryptic after molecular phylogenetic revision. Plant and Fungal Systematics, 2018, 63, 45-64.	0.5	12
21	The fruticose genera in the Ramalinaceae (Ascomycota, Lecanoromycetes): their diversity and evolutionary history. MycoKeys, 2020, 73, 1-68.	1.9	12
22	Lecania falcata, a new species from Spain, the Canary Islands and the Azores, close to Lecania chlorotiza. Lichenologist, 2012, 44, 577-590.	0.8	11
23	Phylogenetic diversity of two geographically overlapping lichens: isolation by distance, environment, or fragmentation?. Journal of Biogeography, 2021, 48, 676-689.	3.0	11
24	The taxonomy of the Trichophyton rubrum complex: a phylogenomic approach. Microbial Genomics, 2021, 7, .	2.0	11
25	Disentangling thePeltigera polydactylonSpecies Complex by Recognizing Two New Taxa,P. polydactylonsubsp.udegheandP. seneca. Herzogia, 2016, 29, 514-528.	0.4	10
26	The lichen genusKroswiais a synonym ofFuscopannaria(Pannariaceae). Lichenologist, 2015, 47, 35-42.	0.8	9
27	Exploring syntenic conservation across genomes for phylogenetic studies of organisms subjected to horizontal gene transfers: A case study with Cyanobacteria and cyanolichens. Molecular Phylogenetics and Evolution, 2021, 162, 107100.	2.7	8
28	Macroclimatic structuring of spatial phylogenetic turnover in liverworts. Ecography, 2021, 44, 1474-1485.	4.5	7
29	Phylogenetic structure of specialization: A new approach that integrates partner availability and phylogenetic diversity to quantify biotic specialization in ecological networks. Ecology and Evolution, 2022, 12, e8649.	1.9	6
30	Cyanolichen microbiome contains novel viruses that encode genes to promote microbial metabolism. ISME Communications, 2021, 1, .	4.2	3
31	Peltigera hydrophila (Lecanoromycetes, Ascomycota), a new semi-aquatic cyanolichen species from Chile. Plant and Fungal Systematics, 2020, 65, 210-218.	0.5	3
32	Global phylogeny and taxonomic reassessment of the lichen genus Dendriscosticta (Ascomycota: Peltigerales). Taxon, 2022, 71, 256-287.	0.7	3
33	Phylogenetic evidence for an expanded circumscription of Gabura (Arctomiaceae). Lichenologist, 2020, 52, 3-15.	0.8	2
34	Peltigera serusiauxii (Lecanoromycetes, Ascomycota), a new species from Papua New Guinea and Malaysia. Plant and Fungal Systematics, 2020, 65, 139-146.	0.5	2
35	Sinuicella denisonii, a new genus and species in the Peltigeraceae from western North America. Lichenologist, 2021, 53, 185-192.	0.8	1
36	Ramalina arsenii, an additional new species in the R. pollinaria group in Western Europe. Lichenologist, 2021, 53, 433-439.	0.8	1

#	Article	IF	Citations
37	Forty-five years of lichenology: a tribute to EmmanuÃ«l SÃ©rusiaux. Plant and Fungal Systematics, 2020, 65, 2-12.	0.5	0
38	A Festschrift in honor of EmmanuÃ«l SÃ©rusiaux, lichenologist and environmentalist. Plant and Fungal Systematics, 2020, 65, 1-1.	0.5	0
39	Ascospore size declines with elevation in two tropical parmelioid lichens. Plant and Fungal Systematics, 2020, 65, 227-237.	0.5	0