

# Sergio PÃ©rez-Ortega

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

3,146  
citations

159585

30  
h-index

182427

51  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neogene speciation and Pleistocene expansion of the genus <i>Pseudephebe</i> (Parmeliaceae, lichenized) Tj ETQq1 1 0.784314 rgBT /Overlo 155, 107020.	2.7	10
2	<i>Verrucococcum</i> (Dothideomycetes, Dictyosporiaceae), a new genus of lichenicolous fungi on <i>Lobaria</i> s. lat. for the <i>Dothidea hymeniicola</i> species complex. <i>Mycologia</i> , 2021, 113, 1-20.	1.9	3
3	The Role of Photobionts as Drivers of Diversification in an Island Radiation of Lichen-Forming Fungi. <i>Frontiers in Microbiology</i> , 2021, 12, 784182.	3.5	9
4	The identity of <i>Calicium corynellum</i> (Ach.) Ach.. <i>Lichenologist</i> , 2020, 52, 333-335.	0.8	1
5	Amphitropical variation of the algal partners of <i>Pseudephebe</i> (Parmeliaceae, lichenized fungi). <i>Symbiosis</i> , 2020, 82, 35-48.	2.3	9
6	Lichens and associated fungi from Glacier Bay National Park, Alaska. <i>Lichenologist</i> , 2020, 52, 61-181.	0.8	49
7	Differential Colonization and Succession of Microbial Communities in Rock and Soil Substrates on a Maritime Antarctic Glacier Forefield. <i>Frontiers in Microbiology</i> , 2020, 11, 126.	3.5	65
8	Refined families of Dothideomycetes: orders and families incertae sedis in Dothideomycetes. <i>Fungal Diversity</i> , 2020, 105, 17-318.	12.3	70
9	Symbiosis at its limits: ecophysiological consequences of lichenization in the genus <i>Prasiola</i> in Antarctica. <i>Annals of Botany</i> , 2019, 124, 1211-1226.	2.9	13
10	A new genus, <i>Zhurbenkoa</i> , and a novel nutritional mode revealed in the family Malmideaceae (Lecanoromycetes, Ascomycota). <i>Mycologia</i> , 2019, 111, 593-611.	1.9	11
11	Differential responses to salt concentrations of lichen photobiont strains isolated from lichens occurring in different littoral zones. <i>Plant and Fungal Systematics</i> , 2019, 64, 149-162.	0.5	15
12	<i>Muellerella</i> , a lichenicolous fungal genus recovered as polyphyletic within Chaetothyriomycetidae (Eurotiomycetes, Ascomycota). <i>Plant and Fungal Systematics</i> , 2019, 64, 367-381.	0.5	8
13	Effect of biological colonization on ceramic roofing tiles by lichens and a combined laser and biocide procedure for its removal. <i>International Biodeterioration and Biodegradation</i> , 2018, 126, 86-94.	3.9	19
14	No need for stepping stones: Direct, joint dispersal of the lichen-forming fungus <i>Mastodia tessellata</i> (Ascomycota) and its photobiont explains their bipolar distribution. <i>Journal of Biogeography</i> , 2018, 45, 213-224.	3.0	25
15	The generic name <i>Abrothallus</i> (Abrothallales, Dothideomycetes), and names proposed in the genus by Giuseppe De Notaris, Søren Christian Sommerfelt, and Ignaz Kotte. <i>Taxon</i> , 2018, 67, 1169-1179.	0.7	10
16	<i>Lecanora helmutii</i> , a New Species from the <i>Lecanora symmicta</i> Group from Tasmania. <i>Herzogia</i> , 2018, 31, 639-649.	0.4	4
17	(2652) Proposal to conserve the name <i>Lecidea parmeliarum</i> ( <i>Abrothallus parmeliarum</i> ) against <i>Endocarpon parasiticus</i> (Ascomycota: Dothideomycetes: Abrothallales). <i>Taxon</i> , 2018, 67, 1212-1212.	0.7	1
18	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. <i>IMA Fungus</i> , 2018, 9, 167-175.	3.8	45

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19	Challenging the lichen concept: <i>Turgidosculum ulvae</i> ( <i>Verrucariaceae</i> ) represents an independent photobiont shift to a multicellular blade-like alga. <i>Lichenologist</i> , 2018, 50, 341-356.	0.8	14
20	Influence of wavelength on the laser removal of lichens colonizing heritage stone. <i>Applied Surface Science</i> , 2017, 399, 758-768.	6.1	27
21	Microbial succession dynamics along glacier forefield chronosequences in Tierra del Fuego (Chile). <i>Polar Biology</i> , 2017, 40, 1939-1957.	1.2	73
22	<i>F</i> <sub>v</sub> / <i>F</i> <sub>m</sub> acclimation to the Mediterranean summer drought in two sympatric <i>Lasallia</i> species from the Iberian mountains. <i>Lichenologist</i> , 2017, 49, 157-165.	0.8	10
23	Lichen colonization and associated deterioration processes in Pasargadae, UNESCO world heritage site, Iran. <i>International Biodeterioration and Biodegradation</i> , 2017, 117, 171-182.	3.9	31
24	Notes for genera: Ascomycota. <i>Fungal Diversity</i> , 2017, 86, 1-594.	12.3	213
25	The genus <i>Endocena</i> (Icmadophilaceae): DNA evidence suggests the same fungus forms different morphologies. <i>Lichenologist</i> , 2017, 49, 347-363.	0.8	12
26	Past, present, and future research in bipolar lichen-forming fungi and their photobionts. <i>American Journal of Botany</i> , 2017, 104, 1660-1674.	1.7	25
27	From Alaska to Antarctica: Species boundaries and genetic diversity of <i>Prasiola</i> (Trebouxiophyceae), a foliose chlorophyte associated with the bipolar lichen-forming fungus <i>Mastodia tessellata</i> . <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 117-131.	2.7	57
28	Hongos liquenícolas de Ecuador. Etayo, J. 2017. Hongos Liquenícolas de Ecuador. <i>Opera Lilloana</i> 50: 1-535. Available as free electronic publication (PDF) from <a href="http://lillo.org.ar/revis/opera-lilloana/2017-opl-v50.pdf">http://lillo.org.ar/revis/opera-lilloana/2017-opl-v50.pdf</a> . <i>Bryologist</i> , 2017, 120, 551-552.	0.6	5
29	<i>Shackletonia cryodesertorum</i> (Teloschistaceae, Ascomycota), a new species from the McMurdo Dry Valleys (Antarctica) with notes on the biogeography of the genus <i>Shackletonia</i> . <i>Mycological Progress</i> , 2016, 15, 743-754.	1.4	11
30	Lichenicolous Lichens and Fungi from Monfragüe National Park (Western Spain). <i>Herzogia</i> , 2016, 29, 315-328.	0.4	14
31	Hidden diversity of marine borderline lichens and a new order of fungi: Collemopsidiales (Dothideomyceta). <i>Fungal Diversity</i> , 2016, 80, 285-300.	12.3	46
32	Type studies in the <i>Rhizocarpon geographicum</i> group ( <i>Rhizocarpaceae</i> , lichenized). <i>Journal of Lichenology</i> , 2016, 45, 107-110.	0.8	10
33	Cryptic diversity and symbiont interactions in rock-psy lichens. <i>Molecular Phylogenetics and Evolution</i> , 2016, 99, 261-274.	2.7	45
34	Understanding lichenicolous heterobasidiomycetes: new taxa and reproductive innovations in <i>Tremella</i> s.l.. <i>Mycologia</i> , 2016, 108, 381-396.	1.9	23
35	<i>Heveochlorella</i> (Trebouxiophyceae): a little-known genus of unicellular green algae outside the Trebouxiiales emerges unexpectedly as a major clade of lichen photobionts in foliicolous communities. <i>Journal of Phycology</i> , 2016, 52, 840-853.	2.3	22
36	Towards a revised generic classification of lecanoroid lichens (Lecanoraceae, Ascomycota) based on molecular, morphological and chemical evidence. <i>Fungal Diversity</i> , 2016, 78, 293-304.	12.3	72

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37	Functional ecology of soil microbial communities along a glacier forefield in Tierra del Fuego (Chile). <i>International Microbiology</i> , 2016, 19, 161-173.	2.4	13
38	Four new species of <i>Ocellularia</i> (lichenized Ascomycota: Graphidaceae) from Cuba, with a revised taxonomy of the <i>O. bahiana</i> complex and a key to thelotremoid taxa with small, brown, (sub-)muriform ascospores. <i>Lichenologist</i> , 2015, 47, 305-322.	0.8	4
39	A molecular reappraisal of <i>Abrothallus</i> species growing on lichens of the order Peltigerales. <i>Phytotaxa</i> , 2015, 195, 201.	0.3	26
40	Evolution of complex symbiotic relationships in a morphologically derived family of lichen-forming fungi. <i>New Phytologist</i> , 2015, 208, 1217-1226.	7.3	105
41	Ecological Specialization of Two Photobiont-Specific Maritime Cyanolichen Species of the Genus <i>Lichina</i> . <i>PLoS ONE</i> , 2015, 10, e0132718.	2.5	36
42	<i>Austrostigmidium</i> , a new austral genus of lichenicolous fungi close to rock-inhabiting meristematic fungi in <i>Teratosphaeriaceae</i> . <i>Lichenologist</i> , 2015, 47, 143-156.	0.8	9
43	Unravelling the diversity of European <i>Caliciopsis</i> ( <i>Coryneliaceae</i> , Ascomycota): <i>Caliciopsis valentina</i> sp. nov. and <i>C. beckhausii</i> comb. nov., with a worldwide key to <i>Caliciopsis</i> . <i>Mycological Progress</i> , 2015, 14, 1.	1.4	8
44	Infrared and ultraviolet laser removal of crustose lichens on dolomite heritage stone. <i>Applied Surface Science</i> , 2015, 346, 248-255.	6.1	27
45	Bryophyte-Cyanobacteria Associations during Primary Succession in Recently Deglaciated Areas of Tierra del Fuego (Chile). <i>PLoS ONE</i> , 2014, 9, e96081.	2.5	72
46	<i>Charcotiana</i> and <i>Amundsenia</i> , two new genera in <i>Teloschistaceae</i> (lichenized) and <i>Austroplaca frigida</i> , a new name for a continental Antarctic species. <i>Lichenologist</i> , 2014, 46, 763-782.	0.8	26
47	Global assessment of genetic variation and phenotypic plasticity in the lichen-forming species <i>Tephromela atra</i> . <i>Fungal Diversity</i> , 2014, 64, 233-251.	12.3	57
48	Lichenicolous fungi of the genus <i>Abrothallus</i> (Dothideomycetes: Abrothallales ordo nov.) are sister to the predominantly aquatic <i>Janhulales</i> . <i>Fungal Diversity</i> , 2014, 64, 295-304.	12.3	23
49	<i>Heteroacanthella ellipsospora</i> sp. nov., the first lichenicolous basidiomycete with acanthoid basidia. <i>Lichenologist</i> , 2014, 46, 17-23.	0.8	10
50	Photobiont selectivity leads to ecological tolerance and evolutionary divergence in a polymorphic complex of lichenized fungi. <i>Annals of Botany</i> , 2014, 114, 463-475.	2.9	94
51	Characterization of Chasmoendolithic Community in Miers Valley, McMurdo Dry Valleys, Antarctica. <i>Microbial Ecology</i> , 2014, 68, 351-359.	2.8	77
52	A new endemic <i>Ramalina</i> species from the Canary Islands (Ascomycota, Lecanorales). <i>Phytotaxa</i> , 2014, 159, 269.	0.3	15
53	Molecular systematics of the wood-inhabiting, lichen-forming genus ( <i>Baeomycetales</i> )	1.0	11
54	Diversity of Endosymbiotic <i>Nostoc</i> in <i>Gunnera magellanica</i> (L) from Tierra del Fuego, Chile. <i>Microbial Ecology</i> , 2013, 66, 335-350.	2.8	20

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55	Nd-YAG laser irradiation damages to <i>Verrucaria nigrescens</i> . <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 281-290.	3.9	33
56	Local representation of global diversity in a cosmopolitan lichen-forming fungal species complex ( <i>Rhizoplaca</i> , Ascomycota). <i>Journal of Biogeography</i> , 2013, 40, 1792-1806.	3.0	47
57	Extreme phenotypic variation in <i>Cetraria aculeata</i> (lichenized Ascomycota): adaptation or incidental modification?. <i>Annals of Botany</i> , 2012, 109, 1133-1148.	2.9	40
58	New Records, Range Extensions and Nomenclatural Innovations for Lichens and Lichenicolous Fungi from Alaska, U.S.A.. <i>Herzogia</i> , 2012, 25, 177-210.	0.4	22
59	Towards a more realistic picture of in situ biocide actions: Combining physiological and microscopy techniques. <i>Science of the Total Environment</i> , 2012, 439, 114-122.	8.0	17
60	Comparative ecophysiology of three <i>Placopsis</i> species, pioneer lichens in recently exposed Chilean glacial forelands. <i>Symbiosis</i> , 2012, 56, 55-66.	2.3	25
61	Differential effects of biocide treatments on saxicolous communities: Case study of the Segovia cathedral cloister (Spain). <i>International Biodeterioration and Biodegradation</i> , 2012, 67, 64-72.	3.9	54
62	Lichen myco- and photobiont diversity and their relationships at the edge of life (McMurdo Dry) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i>	2.7	66
63	A new species of <i>Llimoniella</i> (Ascomycota, Helotiales) on <i>Ramboldia cinnabarina</i> from Alaska. <i>Lichenologist</i> , 2011, 43, 363-366.	0.8	6
64	Anatomical, morphological and ecophysiological strategies in <i>Placopsis pycnotheca</i> (lichenized fungi,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i> Distribution, <i>Functional Ecology of Plants</i> , 2011, 206, 857-864.	1.2	22
65	Phylogenetic position of the brown algae-associated lichenized fungus <i>Verrucaria tavaresiae</i> (Verrucariaceae). <i>Bryologist</i> , 2011, 114, 563.	0.6	14
66	Revisiting photobiont diversity in the lichen family Verrucariaceae (Ascomycota). <i>European Journal of Phycology</i> , 2011, 46, 399-415.	2.0	148
67	One hundred new species of lichenized fungi: a signature of undiscovered global diversity. <i>Phytotaxa</i> , 2011, 18, 1.	0.3	213
68	<i>Tremella macrobasidiata</i> (Basidiomycota, Tremellales), a new lichenicolous fungus from the Iberian Peninsula. <i>Lichenologist</i> , 2011, 43, 407-415.	0.8	24
69	The connection between <i>Abrothallus</i> and its anamorph state <i>Vouauxiomyces</i> established by Denaturing Gradient Gel Electrophoresis (DGGE). <i>Lichenologist</i> , 2011, 43, 277-279.	0.8	15
70	<i>Lecanora sorediomarginata</i> , a new epiphytic lichen species discovered along the Portuguese coast. <i>Lichenologist</i> , 2011, 43, 99-111.	0.8	9
71	A new species of <i>Zwackhiomyces</i> (Xanthopyreniaceae, Ascomycota) growing on <i>Austroparmelina</i> from Australia. <i>Nova Hedwigia</i> , 2011, 93, 395-400.	0.4	3
72	<i>Abrothallus halei</i> (Ascomycota, incertae sedis), a new lichenicolous fungus on <i>Lobaria</i> species in Europe and North America. <i>Lichenologist</i> , 2011, 43, 51-55.	0.8	6

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73	Lichens and lichenicolous fungi of the Klondike Gold Rush National Historic Park, Alaska, in a global biodiversity context. <i>Bryologist</i> , 2010, 113, 439-515.	0.6	74
74	A second species of <i>Botryolepraria</i> from the Neotropics and the phylogenetic placement of the genus within Ascomycota. <i>Mycological Progress</i> , 2010, 9, 345-351.	1.4	11
75	A molecular phylogeny of the <i>Lecanora varia</i> group, including a new species from western North America. <i>Mycological Progress</i> , 2010, 9, 523-535.	1.4	39
76	Phylogenetic generic classification of parmelioid lichens (Parmeliaceae, Ascomycota) based on molecular, morphological and chemical evidence. <i>Taxon</i> , 2010, 59, 1735-1753.	0.7	178
77	Symbiotic lifestyle and phylogenetic relationships of the biotents of <i>Mastodia tessellata</i> (Ascomycota, incertae sedis). <i>American Journal of Botany</i> , 2010, 97, 738-752.	1.7	47
78	A new species of <i>Stigmidium</i> sensu stricto on <i>Thelenella muscorum</i> . <i>Lichenologist</i> , 2010, 42, 397-403.	0.8	6
79	<i>Labrocarpon</i> gen. nov. for <i>Melaspilea canariensis</i> , with the description of <i>Buelliella protoparmeliopsis</i> sp. nov. from South America. <i>Lichenologist</i> , 2010, 42, 271-276.	0.8	12
80	Austroparmelina, a new Australasian lineage in parmelioid lichens (Parmeliaceae, Ascomycota). <i>Systematics and Biodiversity</i> , 2010, 8, 209-221.	1.2	38
81	Three new species of <i>Lichenopeltella</i> (Microthyriaceae, Ascomycota) from northwest North America. <i>Nova Hedwigia</i> , 2009, 89, 219-228.	0.4	8
82	Two new conidial lichenicolous fungi from Spain indicate the distinction of <i>Lichenodiplis</i> and <i>Minutoexcipula</i> . <i>Lichenologist</i> , 2009, 41, 223-229.	0.8	14
83	<i>Lichenostigma epirupestre</i> a new lichenicolous species on <i>Pertusaria</i> from Spain. <i>Mycotaxon</i> , 2009, 107, 189-195.	0.3	8
84	Cryptic species and species pairs in lichens: A discussion on the relationship between molecular phylogenies and morphological characters. <i>Anales Del Jardin Botanico De Madrid</i> , 2009, 66, 71-81.	0.4	122
85	A new species of <i>Lecanora</i> s. lat., growing on <i>Lasallia pustulata</i> . <i>Lichenologist</i> , 2008, 40, 111-118.	0.8	7
86	<i>Bellemerella ritae</i> sp. nov. (Verrucariaceae), a new lichenicolous ascomycete from northwest North America. <i>Nova Hedwigia</i> , 2007, 85, 515-520.	0.4	2
87	<i>Zwackhiomyces cervinae</i> , a new lichenicolous fungus (Xanthopyreniaceae) on <i>Acarospora</i> , with a key to the known species of the genus. <i>Lichenologist</i> , 2007, 39, 129-134.	0.8	8
88	<i>Xanthoparmelia pseudohungarica</i> in Spain. <i>Lichenologist</i> , 2007, 39, 297-300.	0.8	4
89	The genus <i>Epigloea</i> Zúkal in the Iberian Peninsula. <i>Nova Hedwigia</i> , 2006, 83, 523-531.	0.4	5
90	DNA barcode identification of lichen-forming fungal species in the <i>Rhizoplaca melanophthalma</i> species-complex (Lecanorales, Lecanoraceae), including five new species. <i>MycoKeys</i> , 0, 7, 1-22.	1.9	51

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91	Biogeography and ecology of <i>Cetraria aculeata</i> , a widely distributed lichen with a bipolar distribution. <i>MycKeys</i> , 0, 6, 33-53.	1.9	20