MarÃ-a Paz MartÃ-n

List of Publications by Year
in descending order

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136	12,384	94433 37	27406 106
papers	citations	h-index	g-index

139	139	139	12985
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6241-6246.	7.1	4,012
2	Towards a unified paradigm for sequenceâ€based identification of fungi. Molecular Ecology, 2013, 22, 5271-5277.	3.9	2,997
3	One fungus, which genes? Development and assessment of universal primers for potential secondary fungal DNA barcodes. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 35, 242-263.	4.4	416
4	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau061-bau061.	3.0	272
5	Population structure of mycobionts and photobionts of the widespread lichen Cetraria aculeata. Molecular Ecology, 2011, 20, 1208-1232.	3.9	210
6	Fungal diversity notes 929â€“1035: taxonomic and phylogenetic contributions on genera and species of fungi. Fungal Diversity, 2019, 95, 1-273.	12.3	203
7	Fungal Planet description sheets: 469-557. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2016, 37, 218-403.	4.4	196
8	Fungal Planet description sheets: 320â€“370. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 34, 167-266.	4.4	193
9	Fungal Planet description sheets: 400â€“468. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2016, 36, 316-458.	4.4	193
10	Molecular Taxonomy of Phytopathogenic Fungi: A Case Study in Peronospora. PLoS ONE, 2009, 4, e6319.	2.5	186
11	Fungal Planet description sheets: 154â€“213. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2013, 31, 188-296.	4.4	179
12	Fungal Planet description sheets: 625â€“715. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 39, 270-467.	4.4	148
13	Fungal Planet description sheets: 716â€“784. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2018, 40, 239-392.	4.4	142
14	Fungal Planet description sheets: 558â€“624. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 38, 240-384.	4.4	126
15	Phylogenetic relationships among plant and animal parasites, and saprotrophs in Aphanomyces (Oomycetes). Fungal Genetics and Biology, 2009, 46, 365-376.	2.1	120
16	Fusarium solaniâ€ƒis responsible for mass mortalities in nests of loggerhead sea turtle, Caretta caretta, in Boavista, Cape Verde. FEMS Microbiology Letters, 2010, 312, 192-200.	1.8	97
17	Re-evaluation of the enigmatic species complex Saprolegnia diclinaâ€“Saprolegnia parasitica based on morphological, physiological and molecular data. Fungal Genetics and Biology, 2007, 44, 585-601.	2.1	93
18	Fungal diversity notes 1387â€“1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. Fungal Diversity, 2021, 111, 1-335.	12.3	88

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19	â€˜Candidatus Phytoplasma piniâ€™, a novel taxon from Pinus silvestris and Pinus halepensis. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 303-307.	1.7	83
20	Global Distribution of Two Fungal Pathogens Threatening Endangered Sea Turtles. PLoS ONE, 2014, 9, e85853.	2.5	78
21	Impact of wildfire return interval on the ectomycorrhizal resistant propagules communities of a Mediterranean open forest. Fungal Biology, 2010, 114, 628-636.	2.5	77
22	Alternative Methods of extracting and Amplifying Dna from lichens. Lichenologist, 2000, 32, 189-196.	0.8	76
23	Prevalence of the Crayfish Plague Pathogen Aphanomyces astaci in Invasive American Crayfishes in the Czech Republic. Conservation Biology, 2009, 23, 1204-1213.	4.7	75
24	Real-time PCR for simultaneous and quantitative detection of quarantine phytoplasmas from apple proliferation (16SrX) group. Molecular and Cellular Probes, 2005, 19, 334-340.	2.1	65
25	Mycelial abundance and other factors related to truffle productivity inTuber melanosporumÃ¢Â€Â“Quercus ilexorchards. FEMS Microbiology Letters, 2008, 285, 72-78.	1.8	64
26	Species identification in the genus Saprolegnia (Oomycetes): Defining DNA-based molecular operational taxonomic units. Fungal Biology, 2014, 118, 559-578.	2.5	64
27	Colletotrichum acutatum and C. gloeosporioides Cause Anthracnose on Olives. , 1999, 105, 733-741.		63
28	Phylogeny of Peronospora, parasitic on Fabaceae, based on ITS sequences. Mycological Research, 2008, 112, 502-512.	2.5	62
29	The old menace is back: Recent crayfish plague outbreaks in the Czech Republic. Aquaculture, 2008, 274, 208-217.	3.5	60
30	Diversity of non-reducing polyketide synthase genes in the Pertusariales (lichenized Ascomycota): A phylogenetic perspective. Phytochemistry, 2005, 66, 1241-1253.	2.9	59
31	Land use practices and ectomycorrhizal fungal communities from oak woodlands dominated by Quercus suber L. considering drought scenarios. Mycorrhiza, 2010, 20, 73-88.	2.8	56
32	The North American crayfish Procambarus clarkii is the carrier of the oomycete Aphanomyces astaci in Italy. Biological Invasions, 2011, 13, 359-367.	2.4	51
33	Low genetic diversity in Antarctic populations of the lichen-forming ascomyceteCetraria aculeataand its photobiont. Polar Research, 2012, 31, 17353.	1.6	49
34	Species delimitation in Cladonia (Ascomycota): a challenge to the DNA barcoding philosophy. Molecular Ecology Resources, 2013, 13, 1058-1068.	4.8	48
35	A phylogeny of all species of Arceuthobium (Viscaceae) using nuclear and chloroplast DNA sequences. American Journal of Botany, 2004, 91, 125-138.	1.7	45
36	The diversity of Terfezia desert truffles: new species and a highly variable species complex with intrasporocarpic nrDNA ITS heterogeneity. Mycologia, 2011, 103, 841-853.	1.9	43

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37	Response of ectomycorrhizal community structure to gap opening in natural and managed temperate beech-dominated forests. Canadian Journal of Forest Research, 2009, 39, 1375-1386.	1.7	39
38	Detection ofTuber melanosporumDNA in soil. FEMS Microbiology Letters, 2006, 254, 251-257.	1.8	38
39	Phenotypical plasticity and homoplasy complicate species delimitation in the Cladonia gracilis group (Cladoniaceae, Ascomycota). Organisms Diversity and Evolution, 2011, 11, 343-355.	1.6	38
40	Species delimitations in the Cladonia cariosa group (Cladoniaceae, Ascomycota). Lichenologist, 2012, 44, 121-135.	0.8	35
41	Insight into theCladonia convoluta-C. foliacea(Cladoniaceae, Ascomycota) complex and related species, revealed through morphological, biochemical and phylogenetic analyses. Systematics and Biodiversity, 2010, 8, 575-586.	1.2	34
42	Systematics of the genus Geastrum (Fungi: Basidiomycota) revisited. Taxon, 2014, 63, 477-497.	0.7	34
43	Is the potential for the formation of common mycorrhizal networks influenced byÂfire frequency?. Soil Biology and Biochemistry, 2012, 46, 136-144.	8.8	32
44	Molecular study of the genus Astraeus. Mycological Research, 2007, 111, 275-286.	2.5	31
45	Integrative taxonomy reveals an unexpected diversity in <I>Geastrum</I> section <I>Geastrum</I> (<I>Geastrales</I>, <I>Basidiomycota</I>). Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 34, 130-165.	4.4	31
46	Black scurf of potato. The Mycologist, 2006, 20, 130-132.	0.4	30
47	Molecular data show that Topeliopsis (Ascomycota, Thelotremataceae) is polyphyletic. Lichenologist, 2008, 40, 39-46.	0.8	30
48	Cladonia subturgida and C. iberica (Cladoniaceae) form a single, morphologically and chemically polymorphic species. Mycological Progress, 2012, 11, 269-278.	1.4	30
49	Species recognition and phylogeny of Thelotrema species in Australia (Ostropales, Ascomycota). Australian Systematic Botany, 2008, 21, 217.	0.9	30
50	Saprolegnia species affecting the salmonid aquaculture in Chile and their associations with fish developmental stage. Aquaculture, 2014, 434, 462-469.	3.5	29
51	Molecular phylogeny of Diploschistes inferred from ITS sequence data. Lichenologist, 2003, 35, 27-32.	0.8	27
52	Hidden fungal diversity from the Neotropics: Geastrum hirsutum, G. schweinitzii (Basidiomycota,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	26
53	Multilocus approach to species recognition in the Cladonia humilis complex (Cladoniaceae,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	25
54	Fungi in Thailand: A Case Study of the Efficacy of an ITS Barcode for Automatically Identifying Species within the Annulohypoxylon and Hypoxylon Genera. PLoS ONE, 2013, 8, e54529.	2.5	25

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55	A re-evaluation of Hypochnicium (Polyporales) based on morphological and molecular characters. Mycologia, 2010, 102, 1426-1436.	1.9	24
56	Phylogeny of Cuscuta Subgenus Cuscuta (Convolvulaceae) Based on nrDNA ITS and Chloroplast trnL Intron Sequences. Systematic Botany, 2007, 32, 899-916.	0.5	23
57	Elucidating the taxonomic rank of <I>Cladonia subulata</I> versus <I>C. rei</I> (<I>Cladoniaceae</I>). Mycotaxon, 2010, 113, 311-326.	0.3	23
58	The diversity of oomycetes on crayfish: Morphological vs. molecular identification of cultures obtained while isolating the crayfish plague pathogen. Fungal Biology, 2013, 117, 682-691.	2.5	23
59	New sources of taxonomic information for earthstars (Geastrum, Geastraceae, Basidiomycota): phenoloxidases and rhizomorph crystals. Phytotaxa, 2013, 132, 1.	0.3	23
60	The phenotypic features used for distinguishing species within theCladonia furcatacomplex are highly homoplasious. Lichenologist, 2015, 47, 287-303.	0.8	23
61	More than one fungus in the pepper pot: Integrative taxonomy unmasks hidden species within Myriostoma coliforme (Geastraceae, Basidiomycota). PLoS ONE, 2017, 12, e0177873.	2.5	23
62	Contrasting phylogenetic patterns of anther smuts (Pucciniomycotina: Microbotryum) reflect phylogenetic patterns of their caryophyllaceous hosts. Organisms Diversity and Evolution, 2013, 13, 111-126.	1.6	22
63	Molecular and morphological analyses confirm Rhizopogon verii as a widely distributed ectomycorrhizal false truffle in Europe, and its presence in South America. Mycorrhiza, 2016, 26, 377-388.	2.8	22
64	Ribosomal ITS diversity among the European species of the genus Hydnum (Hydnaceae). Anales Del Jardin Botanico De Madrid, 2009, 66, 121-132.	0.4	22
65	Molecular analysis confirms morphological reclassification of Rhizopogon. Mycological Research, 1998, 102, 855-858.	2.5	21
66	Two new species of Hydnum with ovoid basidiospores: H. ovoideisporum and H. vesterholtii. Mycologia, 2012, 104, 1443-1455.	1.9	21
67	A New Representative of Star-Shaped Fungi: Astraeus sirindhorniae sp. nov. from Thailand. PLoS ONE, 2014, 9, e71160.	2.5	20
68	Primers are designed for amplification and direct sequencing of ITS region of rDNA from Myxomycetes. Mycologia, 2003, 95, 474-479.	1.9	18
69	Morphological and molecular studies of Hyphodermella in the Western Mediterranean area. Mycological Progress, 2010, 9, 585-596.	1.4	18
70	Astraeus: hidden dimensions. IMA Fungus, 2013, 4, 347-356.	3.8	18
71	Macowanites messapicoides, a hypogeous relative of Russula messapica. Mycological Research, 1999, 103, 203-208.	2.5	16
72	Spreading of ESFY Phytoplasmas in Stone Fruit in Catalonia (Spain). Journal of Phytopathology, 2004, 152, 432-437.	1.0	16

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73	Can NPK fertilizers enhance seedling growth and mycorrhizal status of Tuber melanosporum-inoculated Quercus ilex seedlings?. Mycorrhiza, 2010, 20, 349-360.	2.8	14
74	Pisolithus: a new species from southeast Asia and a new combination. Mycotaxon, 2012, 120, 195-208.	0.3	14
75	A new species of Hyphoderma (Meruliaceae, Polyporales) and its discrimination from closely related taxa. Mycologia, 2012, 104, 1121-1132.	1.9	14
76	Co-operational PCR coupled with dot blot hybridization for detection and 16SrX grouping of phytoplasmas. Plant Pathology, 2007, 56, 677-682.	2.4	13
77	Amazonian bird's nest fungi (Basidiomycota): Current knowledge and novelties on Cyathus species. Mycoscience, 2018, 59, 331-342.	0.8	13
78	Behind the veil â€“ exploring the diversity in Phallus indusiatus s.l. (Phallomycetidae, Basidiomycota). MycoKeys, 2019, 58, 103-127.	1.9	13
79	Morphological and nuclear ribosomal DNA data support distinguishing two new species ofUmbilicaria(Umbilicariaceae, Ascomycota) from Europe. Lichenologist, 2009, 41, 631-648.	0.8	12
80	How many species in the <I>Rhizopogon roseolus</I> group?. Mycotaxon, 2009, 109, 111-128.	0.3	12
81	Multilocus phylogeny reveals taxonomic misidentification of the Schizopora paradoxa (KUC8140) representative genome. MycoKeys, 2018, 38, 121-127.	1.9	12
82	A new poroid species of Resupinatus from Puerto Rico, with a reassessment of the cyphelloid genus Stigmatolemma. Mycologia, 2005, 97, 1140-1151.	1.9	11
83	Cyathus lignilantanae sp. nov., a new species of birdâ€™s nest fungi (Basidiomycota) from Cape Verde Archipelago. Phytotaxa, 2015, 236, 161.	0.3	11
84	Taxonomy and phylogeny of yellow Clavaria species with clamped basidiaâ€"Clavaria flavostellifera sp. nov. and the typification of C. argillacea, C. flavipes and C. sphagnicola. Mycologia, 2015, 107, 104-122.	1.9	11
85	Longistriata flava (Boletaceae, Basidiomycota) â€“ a new monotypic sequestrate genus and species from Brazilian Atlantic Forest. MycoKeys, 2020, 62, 53-73.	1.9	11
86	Evaluation of Morphological Variation in the Lichen Diploschistes ocellatus (Ascomycota,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (	3.8	10
87	Primers Are Designed for Amplification and Direct Sequencing of ITS Region of rDNA from Myxomycetes. Mycologia, 2003, 95, 474.	1.9	10
88	Rechecking of the genus Scleroderma (Gasteromycetes) from Macedonia using barcoding approach. Turkish Journal of Botany, 2014, 38, 375-385.	1.2	10
89	Morphotyping and Molecular Methods to Characterize Ectomycorrhizal Roots and Hyphae in Soil. Soil Biology, 2008, , 437-474.	0.8	10
90	Discovery or Extinction of New Scleroderma Species in Amazonia?. PLoS ONE, 2016, 11, e0167879.	2.5	10

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91	Lagarobasidium calongei (Aphyllophorales, Basidiomycota), a new species of corticioid fungi from Azores Islands. Anales Del Jardin Botanico De Madrid, 2009, 66, 41-46.	0.4	10
92	LACK OF SPECIFICITY OF THE MOLECULAR DIAGNOSTIC METHOD FOR IDENTIFICATION OF APHANOMYCES ASTACI. Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 2007, , 17-24.	0.4	9
93	Lycoperdon rupicola and L. subumbrinum: two new puffballs from Europe. Mycological Progress, 2012, 11, 887-897.	1.4	9
94	Gongylonema sp. infection in the scops owl (Otus scops). Parasitology International, 2013, 62, 502-504.	1.3	9
95	A new species of <I>Pisolithus</I> from Spain. Mycotaxon, 2013, 124, 149-154.	0.3	9
96	Molecular phylogeny and re-assessment of some <i>Scleroderma</i> spp. (Gasteromycetes). Anales Del Jardin Botanico De Madrid, 2009, 66, 83-91.	0.4	9
97	A sequestratePsilocybefrom Scotland. Botanical Journal of Scotland, 2003, 55, 245-257.	0.3	8
98	Sistotremastrum guttuliferum: a new species from the Macaronesian islands. Mycological Progress, 2013, 12, 687-692.	1.4	8
99	Sistotremastrum chilensis (Trechisporales, Basidiomycota), a new species from Chilean Patagonia. Phytotaxa, 2014, 158, 93.	0.3	8
100	Diversity trapped in cages: Revision of Blumenavia MÃ¶ller (Clathraceae, Basidiomycota) reveals three hidden species. PLoS ONE, 2020, 15, e0232467.	2.5	8
101	Detection of signal recognition particle (SRP) RNAs in the nuclear ribosomal internal transcribed spacer 1 (ITS1) of three lineages of ectomycorrhizal fungi (Agaricomycetes, Basidiomycota). MycoKeys, 0, 13, 21-33.	1.9	8
102	Three new species of Hydnophlebia (Polyporales, Basidiomycota) from the Macaronesian Islands. MycoKeys, 0, 27, 39-64.	1.9	8
103	Battarrea phalloides in Macedonia: genetic variability, distribution and ecology. Acta Mycologica, 2013, 48, 113-122.	0.3	8
104	Structural features and evolutionary considerations of group IB introns in SSU rDNA of the lichen fungus Teloschistes. Fungal Genetics and Biology, 2003, 40, 252-260.	2.1	7
105	A new poroid species ofResupinatusfrom Puerto Rico, with a reassessment of the cyphelloid genusStigmatolemma. Mycologia, 2005, 97, 1140-1151.	1.9	7
106	First record of <I>Mattirolomyces terfezioides</I> from the Iberian Peninsula: its southern- and westernmost locality. Mycotaxon, 2009, 110, 325-330.	0.3	7
107	Mutinus albotruncatus (Phallales, Agaricomycetes), a new phalloid from the Brazilian semiarid, and a key to the world species. Phytotaxa, 2015, 236, 237.	0.3	7
108	Barcoding sequences clearly separate Chroogomphus mediterraneus (Gomphidiaceae, Boletales) from C. rutilus, and allied species. Mycoscience, 2016, 57, 384-392.	0.8	7

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109	A remarkable new species of Geastrum with an elongated branched stipe. Mycoscience, 2017, 58, 344-350.	0.8	7
110	Figures of merit and statistics for detecting faulty species identification with DNA barcodes: A case study in Ramaria and related fungal genera. PLoS ONE, 2020, 15, e0237507.	2.5	7
111	European species of <I>Clavaria</I> (<I>Agaricales</I>,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (&t;I Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 29, 133-145.	4.4	6
112	Combining morphological and phylogenetic analyses to unravel systematics in Geastrum sect. Schmidelia. Mycologia, 2014, 106, 1199-1211.	1.9	6
113	Spelling out Jaapia species. Mycological Progress, 2015, 14, 1.	1.4	6
114	Addressing the diversity of Xylodon raduloides complex through integrative taxonomy. IMA Fungus, 2019, 10, 9.	3.8	6
115	Fungal DNA barcode (ITS nrDNA) reveals more diversity than expected in Tulostoma from Macedonia. Turkish Journal of Botany, 2019, 43, 102-115.	1.2	6
116	Revision of species previously reported from Brazil under Morganella. Mycological Progress, 2017, 16, 965-985.	1.4	5
117	Hysterangium atlanticum sp. nov., forms ectomycorrhizae with Coccoloba species (Polygonaceae) from the Atlantic rainforest of Northeastern Brazil. Symbiosis, 2019, 78, 275-286.	2.3	5
118	An Overview of 24 Years of Molecular Phylogenetic Studies in Phallales (Basidiomycota) With Notes on Systematics, Geographic Distribution, Lifestyle, and Edibility. Frontiers in Microbiology, 2021, 12, 689374.	3.5	5
119	Phylogenetic relationships in based on ITS rDNA sequence analysis. Cryptogamie, Mycologie, 2000, 21, 3-12.	1.0	4
120	First report of Spartium witchesâ€™ broom disease in Spain. Plant Pathology, 2002, 51, 807-807.	2.4	4
121	Gloeocystidiellum kenyense in Azores and Madeira. Mycotaxon, 2012, 119, 337-343.	0.3	4
122	DNA barcoding is an effective tool for differentiating <I>Pisolithus</I> species from Macedonia. Mycotaxon, 2016, 130, 1007-1016.	0.3	4
123	Strengthening Myriostoma (Geastraceae, Basidiomycota) diversity: Myriostoma australianum sp. nov. Mycoscience, 2019, 60, 25-30.	0.8	4
124	Linking morphological and molecular sources to disentangle the case of Xylodon australis. Scientific Reports, 2020, 10, 22004.	3.3	4
125	Contribution to Neotropical data of Geastrum section Corollina (Basidiomycota): Two new earth-stars from Caatinga vegetation, Brazil. Nova Hedwigia, 2019, 109, 161-175.	0.4	4
126	A sequestrateGalerinafrom Scotland. Botanical Journal of Scotland, 2001, 53, 65-73.	0.3	2

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127	Updates on Geastrum sect. Exareolata, with a description of a striking new species from the Neotropics. Plant Systematics and Evolution, 2022, 308, .	0.9	2
128	Reprint of: The diversity of oomycetes on crayfish: Morphological vs. molecular identification of cultures obtained while isolating the crayfish plague pathogen. Fungal Biology, 2014, 118, 601-611.	2.5	1
129	Corticioid fungi (Basidiomycota) from the Biosphere Reserve of Arganeraie, Morocco: a preliminary survey. Nova Hedwigia, 2016, 103, 193-210.	0.4	1
130	Based on DNA sequences of ITS and rpb 2, Amylostereum orientale is reported for the first time in Japan. Mycoscience, 2017, 58, 169-173.	0.8	1
131	New records of Brazilian hypogeous sequestrate fungi. Mycotaxon, 2018, 133, 449-458.	0.3	1
132	DNA barcode analyses improve accuracy in fungal species distribution models. Ecology and Evolution, 2021, 11, 8993-9009.	1.9	1
133	Loosening the belt: unknown diversity of the strangled stinkhorn genus Staheliomyces (Phallales,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	1
134	Erratum. Mycologia, 2015, 107, 658-658.	1.9	0
135	Additions to the smut fungi of the Iberian Peninsula. Anales Del Jardin Botanico De Madrid, 2021, 78, e109.	0.4	0
136	The many-rooted earthballâ€"Scleroderma geaster and S. polyrhizum revisited, with the description of a new species. Phytotaxa, 2021, 510, .	0.3	0