

Rosa M Ros

List of Publications by Year in descending order

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79
papers

1,802
citations

331538

21
h-index

315616

38
g-index

82
all docs

82
docs citations

82
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Mosses of the Mediterranean, an Annotated Checklist. <i>Cryptogamie, Bryologie</i> , 2013, 34, 99.	0.1	311
2	Abscisic-acid-induced drought tolerance in <i>Funaria hygrometrica</i> Hedw.. <i>Planta</i> , 1991, 186, 99-103.	1.6	121
3	Bryophyte checklist of Northern Africa. <i>Journal of Bryology</i> , 1999, 21, 207-244.	0.4	93
4	Intercontinental Mediterranean disjunct mosses: morphological and molecular patterns. <i>American Journal of Botany</i> , 2003, 90, 540-550.	0.8	83
5	Molecular phylogeny of Pottiaceae (Musci) based on chloroplast rps 4 sequence data. <i>Plant Systematics and Evolution</i> , 2004, 243, 147-164.	0.3	58
6	Phylogeography and Phylodemography. <i>Bryologist</i> , 2002, 105, 373-383.	0.1	57
7	Molecular phylogeny of Trichostomoideae (Pottiaceae, Bryophyta) based on nrITS sequence data. <i>Taxon</i> , 2005, 54, 361-368.	0.4	56
8	The cosmopolitan moss <i>Bryum argenteum</i> in Antarctica: recent colonisation or in situ survival?. <i>Polar Biology</i> , 2014, 37, 1469-1477.	0.5	55
9	Direct amplification and NaOH extraction: two rapid and simple methods for preparing bryophyte DNA for polymerase chain reaction (PCR). <i>Journal of Bryology</i> , 2002, 24, 127-131.	0.4	52
10	Phylogeny of haplolepidous mosses – challenges and perspectives. <i>Journal of Bryology</i> , 2012, 34, 173-186.	0.4	48
11	DNA Methylation Analysis of Dormancy Release in Almond (<i>Prunus dulcis</i>) Flower Buds Using Epi-Genotyping by Sequencing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3542.	1.8	46
12	Distribution and Phylogenetic Significance of the 71-kb Inversion in the Plastid Genome in Funariidae (Bryophyta). <i>Annals of Botany</i> , 2006, 99, 747-753.	1.4	39
13	Morphology informed by phylogeny reveals unexpected patterns of species differentiation in the aquatic moss <i>Rhynchostegium riparioides</i> s.l.. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 748-755.	1.2	39
14	Phylogenetic inference in <i>Leucodon</i> Schw. & Gr. subg. <i>Leucodon</i> (Leucodontaceae, Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 22	0.4	31
15	Preliminary Investigation of the Systematics of <i>Didymodon</i> (Pottiaceae, Musci) Based on nrITS Sequence Data. <i>Systematic Botany</i> , 2005, 30, 461-470.	0.2	30
16	A new evaluation of the genus <i>Trichostomopsis</i> (Pottiaceae, Bryophyta). <i>Botanical Journal of the Linnean Society</i> , 2005, 147, 117-127.	0.8	28
17	The taxonomic status and the geographical relationships of the Macaronesian endemic moss <i>Fissidens luisieri</i> (Fissidentaceae) based on DNA sequence data. <i>Bryologist</i> , 2009, 112, 315-324.	0.1	27
18	Origin and fate of the single-island endemic moss <i>Orthotrichum handiense</i> . <i>Journal of Biogeography</i> , 2013, 40, 857-868.	1.4	27

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19	Genomic scanning using <i>AFLP</i> to detect loci under selection in the moss <i>Funaria hygrometrica</i> along a climate gradient in the Sierra Nevada Mountains, Spain. <i>Plant Biology</i> , 2016, 18, 280-288.	1.8	27
20	Elevational patterns of genetic variation in the cosmopolitan moss <i>Bryum argenteum</i> (Bryaceae). <i>American Journal of Botany</i> , 2013, 100, 2000-2008.	0.8	26
21	How many species of <i>Isoetecium</i> (Lembophyllaceae, Bryophyta) are there in Macaronesia? A survey using integrative taxonomy. <i>Botanical Journal of the Linnean Society</i> , 2015, 177, 418-438.	0.8	25
22	Title is missing!. <i>Plant Systematics and Evolution</i> , 2002, 235, 197-207.	0.3	23
23	An overview of <i>Syntrichia ruralis</i> complex (Pottiaceae: Musci) in the Mediterranean region and neighbouring areas. <i>Botanical Journal of the Linnean Society</i> , 2002, 138, 209-224.	0.8	22
24	New national and regional bryophyte records, 19. <i>Journal of Bryology</i> , 2008, 30, 231-237.	0.4	22
25	Applying the IUCN Red List criteria to small-sized plants on oceanic islands: conservation implications for threatened bryophytes in the Canary Islands. <i>Biodiversity and Conservation</i> , 2012, 21, 3613-3636.	1.2	19
26	Contribution to the bryophyte flora of Morocco: terricolous and saxicolous bryophytes of the Jbel Bouhalla. <i>Journal of Bryology</i> , 2002, 24, 243-250.	0.4	17
27	<i>Didymodon sicculus</i> sp. nov. (Bryopsida, Pottiaceae) from the Iberian Peninsula. <i>Bryologist</i> , 1996, 99, 401.	0.1	15
28	Molecular and morphological studies on the <i>Didymodon tophaceus</i> complex. <i>Plant Biosystems</i> , 2009, 143, S136-S145.	0.8	15
29	The <i>Didymodon tophaceus</i> Complex (Pottiaceae, Bryophyta) Revisited: New Data Support the Subspecific Rank of Currently Recognized Species. <i>Cryptogamie, Bryologie</i> , 2018, 39, 241-257.	0.1	15
30	New Data on the Moss Genus <i>Hymenoloma</i> (Bryophyta), with Special Reference to <i>H. mulahaceni</i> . <i>Cryptogamie, Bryologie</i> , 2013, 34, 13-30.	0.1	14
31	On the systematic position of <i>Tortella arctica</i> and <i>Trichostomum arcticum</i> (Bryophyta, Pottiaceae). <i>Nova Hedwigia</i> , 2014, 98, 273-293.	0.2	14
32	The Systematic Position of the Moss <i>Kingiobryum paramicola</i> (Pottiaceae) Based on Molecular and Morphological Data. <i>Bryologist</i> , 2004, 107, 215-221.	0.1	13
33	A reconsideration of the systematic position of <i>Goniomitrium</i> (Funariaceae) based on chloroplast sequence markers. <i>Bryologist</i> , 2007, 110, 108-114.	0.1	13
34	Updated Checklist of the Bryophytes from the Sierra Nevada Mountains (S of Spain). <i>Cryptogamie, Bryologie</i> , 2014, 35, 261-311.	0.1	13
35	The taxonomic status of <i>Tortula muralis</i> var. <i>baetica</i> (Musci, Pottiaceae): a comparative study. <i>Journal of Bryology</i> , 1992, 17, 275-283.	0.4	12
36	Peripatric speciation associated with genome expansion and female-biased sex ratios in the moss genus <i>Ceratodon</i> . <i>American Journal of Botany</i> , 2018, 105, 1009-1020.	0.8	12

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37	New national and regional bryophyte records, 56. <i>Journal of Bryology</i> , 2018, 40, 271-296.	0.4	12
38	A Cost Reduced Variant of Epi-Genotyping by Sequencing for Studying DNA Methylation in Non-model Organisms. <i>Frontiers in Plant Science</i> , 2020, 11, 694.	1.7	12
39	Unveiling the nature of a miniature world: a horizon scan of fundamental questions in bryology. <i>Journal of Bryology</i> , 2022, 44, 1-34.	0.4	12
40	A new point of view on the taxonomy of <i>Pottia starckeana</i> agg. (Musci, Pottiaceae). <i>Plant Systematics and Evolution</i> , 1996, 199, 153-165.	0.3	11
41	Environmental variation obscures species diversity in southern European populations of the moss genus <i>Ceratodon</i> . <i>Taxon</i> , 2018, 67, 673-692.	0.4	11
42	The Status and Distribution of <i>Syntrichia virescens</i> var. <i>minor</i> (Pottiaceae, Musci). <i>Bryologist</i> , 2000, 103, 375-378.	0.1	9
43	<i>Fissidens sublimbatus</i> , New to Morocco and the Canary Islands. <i>Bryologist</i> , 2001, 104, 468-470.	0.1	9
44	New national and regional bryophyte records, 8. <i>Journal of Bryology</i> , 2003, 25, 217-221.	0.4	9
45	<i>Didymodon erosus</i> sp. nov. (Musci, Pottiaceae) from the Iberian Peninsula. <i>Nova Hedwigia</i> , 2004, 78, 501-506.	0.2	9
46	Phylogeographic Relationships between the Mosses <i>Exsertotheca intermedia</i> from Macaronesian Islands and <i>Neckera baetica</i> from Southern Glacial Refugia of the Iberian Peninsula. <i>Annales Botanici Fennici</i> , 2011, 48, 133-141.	0.0	9
47	Assessing the quality and usefulness of different taxonomic groups inventories in a semiarid Mediterranean region. <i>Biodiversity and Conservation</i> , 2012, 21, 1561-1575.	1.2	9
48	Implications of the Phytoremediation of Heavy Metal Contamination of Soils and Wild Plants in the Industrial Area of Haina, Dominican Republic. <i>Sustainability</i> , 2021, 13, 1403.	1.6	9
49	<i>Didymodon revolutus</i> (Bryopsida, Pottiaceae), A Species New to the Asian Flora. <i>Bryologist</i> , 2003, 106, 575-577.	0.1	8
50	On the systematic position of <i>Tortula inermis</i> and <i>Tortula bolanderi</i> (Pottiaceae, Musci) based on chloroplast <i>rps4</i> sequences. <i>Nova Hedwigia</i> , 2003, 76, 137-145.	0.2	8
51	<i>Tortella alpicola</i> (Pottiaceae) from Spain, new to western Europe. <i>Bryologist</i> , 2006, 109, 404-407.	0.1	8
52	Molecular systematics of <i>Abelmoschus</i> (Malvaceae) and genetic diversity within the cultivated species of this genus based on nuclear ITS and chloroplast <i>rpL16</i> sequence data. <i>Genetic Resources and Crop Evolution</i> , 2016, 63, 429-445.	0.8	8
53	Intra-specific variation in West African and Asian germplasm of okra (<i>Abelmoschus</i> spp L.). <i>Annals of Agricultural Sciences</i> , 2017, 62, 131-138.	1.1	8
54	<i>Tortella mediterranea</i> (Pottiaceae), a new species from southern Europe, its molecular affinities, and taxonomic notes on <i>T. nitida</i> . <i>Bryologist</i> , 2018, 121, 560.	0.1	8

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55	<i>In vitro</i> lead tolerance and accumulation in three <i>Chrysanthemum</i> cultivars for phytoremediation purposes with ornamental plants. <i>International Journal of Phytoremediation</i> , 2020, 22, 1110-1121.	1.7	8
56	On the chorology, synecology and syntaxonomy of some terricolous bryophytic communities from northern Africa. <i>Nova Hedwigia</i> , 1990, 50, 65-79.	0.2	8
57	<i>Crossidium seriatum</i> (Pottiaceae, Musci) New to Europe. <i>Bryologist</i> , 1992, 95, 280.	0.1	7
58	<i>Pterygoneurum compactum</i> sp. nov. (Musci: Pottiaceae) from Spain. <i>Bryologist</i> , 1994, 97, 412.	0.1	7
59	A New Extremotolerant Ecotype of the Fungus <i>Pseudotaeniolina globosa</i> Isolated from Djoser Pyramid, Memphis Necropolis, Egypt. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 104.	1.5	7
60	Briofitos Interesantes de Zonas Yesíferas del Sudeste Árido de España. <i>Bryologist</i> , 1991, 94, 16.	0.1	6
61	A new bryophytic community from the mountains of southern Spain and Morocco. <i>Cryptogamie, Bryologie</i> , 1999, 20, 197-202.	0.1	6
62	Vegetación briofítica terrícola y saxícola del Jbel Bouhalla (Cordillera del Rif, Marruecos). Terricolous and saxicolous bryophyte vegetation of the Jbel Bouhalla (Rif Cordillera, Morocco). <i>Phytocoenologia</i> , 2002, 32, 3-28.	1.2	6
63	The identity of <i>Oreoweisia mulhaceni</i> . <i>Journal of Bryology</i> , 2006, 28, 275-276.	0.4	6
64	How to define nativeness in vagile organisms: lessons from the cosmopolitan moss <i>Bryum argenteum</i> on the island of Tenerife (Canary Islands). <i>Plant Biology</i> , 2015, 17, 1057-1065.	1.8	6
65	New data on the systematics of the European-Asian species of <i>Leucodon</i> (Leucodontaceae, Bryophyta). <i>Nova Hedwigia</i> , 2015, 100, 333-354.	0.2	6
66	<i>Weissia papillosissima</i> Laz. (Pottiaceae, Musci), a species new to the European bryophyte flora. <i>Journal of Bryology</i> , 1995, 18, 493-498.	0.4	5
67	Vegetación briofítica de las sierras de Filabres, Cabrera, Alhamilla y Cabo de Gata (Almería, SE de España). <i>Journal of Bryology</i> , 2001, 134, 1-14.	0.1	5
68	<i>Pohlia bolanderi</i> from Sierra Nevada, Spain, New to the European Bryophyte Flora. <i>Bryologist</i> , 2004, 107, 312-315.	0.1	5
69	Revision of the records of <i>Brachymerium commutatum</i> (Bryophyta, Bryaceae) in Europe. <i>Nova Hedwigia</i> , 2007, 84, 241-247.	0.2	5
70	<i>Anacolia menziesii</i> (Bartramiaceae, Musci) a New Species to the European Bryophyte Flora. <i>Bryologist</i> , 1998, 101, 588.	0.1	4
71	Regression and invasion of bryophytes in the south and southeast of the Iberian Peninsula. <i>Biological Conservation</i> , 1992, 59, 129-131.	1.9	3
72	New taxonomical data in the genus <i>Tortula</i> (Pottiaceae, Bryophyta). <i>Bryophyte Diversity and Evolution</i> , 2015, 31, 150.	1.0	3

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73	Taxonomical and Nomenclatural Notes on the Moss <i>Ceratodon conicus</i> (Ditrichaceae,) Tj ETQq1 1 0.784314rgBT /Ovgrlock 10 Tf 50	0.1	2
74	<i>Grimmia mesopotamica</i> (Grimmiaceae, Musci) New to Europe. <i>Bryologist</i> , 1993, 96, 245.	0.1	2
75	Genetic diversity of <i>Pohlia bolanderi</i> (Mniaceae), a rare and threatened moss in Sierra Nevada (Spain), estimated by ISSR molecular markers. <i>Nova Hedwigia</i> , 2005, 81, 413-420.	0.2	2
76	Herzog Vindicated: Integrative Taxonomy Reveals That <i>Trichostomum brachydontium</i> (Pottiaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	2
77	On the Identity of <i>Pterygoneurum macleanum</i> and <i>P. kemsleyi</i> (Pottiaceae, Musci). <i>Bryologist</i> , 1995, 98, 45.	0.1	1
78	Remarks on the chorology, habitat and morphology of <i>Pseudotaxiphillum laetevirens</i> (K. Koppe & Döll) Hedenäs in the Iberian Peninsula. <i>Cryptogamie, Bryologie</i> , 2001, 22, 53-57.	0.1	1
79	Revision of <i>Bryum glauculum</i> Müll.Hal. nom. nud. reveals the second published record of <i>B. valparaisense</i> Thér. from Egypt. <i>Journal of Bryology</i> , 2020, 42, 390-392.	0.4	0