Antonio Marcial Escudero Lirio

List of Publications by Year
in descending order

82 papers	2,192 citations	236925 25 h-index	289244 40 g-index
87 all docs	87 docs citations	87 times ranked	1973 citing authors

#	Article	IF	Citations
1	MakingCarexmonophyletic (Cyperaceae, tribe Cariceae): a new broader circumscription. Botanical Journal of the Linnean Society, 2015, 179, 1-42.	1.6	116
2	Genotyping-by-sequencing as a tool to infer phylogeny and ancestral hybridization: A case study in Carex (Cyperaceae). Molecular Phylogenetics and Evolution, 2014, 79, 359-367.	2.7	115
3	Diversification rates and chromosome evolution in the most diverse angiosperm genus of the temperate zone (Carex, Cyperaceae). Molecular Phylogenetics and Evolution, 2012, 63, 650-655.	2.7	104
4	Megaphylogenetic Specimen-level Approaches to the <I>Carex</I> (Cyperaceae) Phylogeny Using ITS, ETS, and <I>matK</I> Sequences: Implications for Classification. Systematic Botany, 2016, 41, 500-518.	0.5	94
5	MATICCE: mapping transitions in continuous character evolution. Bioinformatics, 2010, 26, 132-133.	4.1	78
6	Karyotypic Changes through Dysploidy Persist Longer over Evolutionary Time than Polyploid Changes. PLoS ONE, 2014, 9, e85266.	2.5	78
7	A tale of worldwide success: Behind the scenes of Carex (Cyperaceae)Âbiogeography and diversification. Journal of Systematics and Evolution, 2019, 57, 695-718.	3.1	70
8	Shifts in diversification rates and clade ages explain species richness in higher-level sedge taxa (Cyperaceae). American Journal of Botany, 2013, 100, 2403-2411.	1.7	55
9	The east-west-north colonization history of the Mediterranean and Europe by the coastal plant Carex extensa (Cyperaceae). Molecular Ecology, 2010, 19, 352-370.	3.9	54
10	Evolution in Carex L. sect. Spirostachyae (Cyperaceae): A molecular and cytogenetic approach. Organisms Diversity and Evolution, 2008, 7, 271-291.	1.6	50
11	A new classification ofCarex(Cyperaceae) subgenera supported by a HybSeq backbone phylogenetic tree. Botanical Journal of the Linnean Society, 2020, 194, 141-163.	1.6	48
12	A new classification of Cyperaceae (Poales) supported by phylogenomic data. Journal of Systematics and Evolution, 2021, 59, 852-895.	3.1	46
13	Strait of Gibraltar: an effective geneâ€flow barrier for windâ€pollinated Carex helodes (Cyperaceae) as revealed by DNA sequences, AFLP, and cytogenetic variation. American Journal of Botany, 2008, 95, 745-755.	1.7	45
14	A framework infrageneric classification of Carex (Cyperaceae) and its organizing principles. Journal of Systematics and Evolution, 2021, 59, 726-762.	3.1	45
15	Selection and inertia in the evolution of holocentric chromosomes in sedges (Carex,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	7.3	44
16	Bipolar disjunctions in Carex: Long-distance dispersal, vicariance, or parallel evolution?. Flora: Morphology, Distribution, Functional Ecology of Plants, 2010, 205, 118-127.	1.2	43
17	Systematics and evolution of Carex sects. Spirostachyae and Elatae (Cyperaceae). Plant Systematics and Evolution, 2009, 279, 163-189.	0.9	39
18	The Phylogenetic Origins and Evolutionary History of Holocentric Chromosomes. Systematic Botany, 2016, 41, 580-585.	0.5	38

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19	Taxonomic delimitation and drivers of speciation in the Iberoâ€North African Carex sect. Phacocystis riverâ€shore group (Cyperaceae). American Journal of Botany, 2011, 98, 1855-1867.	1.7	36
20	Significance of ecological vicariance and longâ€distance dispersal in the diversification ofCarexsect.Spirostachyae(Cyperaceae). American Journal of Botany, 2009, 96, 2100-2114.	1.7	35
21	The role of seed dispersal, pollination and historical effects on genetic patterns of an insular plant that has lost its only seed disperser. Journal of Biogeography, 2012, 39, 1996-2006.	3.0	35
22	Testing the hypothesis of low genetic diversity and population structure in narrow endemic species: the endangered Antirrhinum charidemi (Plantaginaceae). Botanical Journal of the Linnean Society, 2017, 183, 260-270.	1.6	35
23	Allopatric speciation despite historical gene flow: Divergence and hybridization in Carex furva and C.Âlucennoiberica (Cyperaceae) inferred from plastid and nuclear <scp>RAD</scp>â€seq data. Molecular Ecology, 2017, 26, 5646-5662.	3.9	35
24	Saccadic eye movements and the horizontal vestibulo-ocular and vestibulo-collic reflexes in the intact guinea-pig. Experimental Brain Research, 1993, 97, 254-262.	1.5	34
25	Style polymorphism in Linum (Linaceae): a case of Mediterranean parallel evolution?. Plant Biology, 2018, 20, 100-111.	3.8	34
26	The spatial structure of phylogenetic and functional diversity in the United States and Canada: An example using the sedge family (Cyperaceae). Journal of Systematics and Evolution, 2018, 56, 449-465.	3.1	31
27	Inferring hypothesis-based transitions in clade-specific models of chromosome number evolution in sedges (Cyperaceae). Molecular Phylogenetics and Evolution, 2019, 135, 203-209.	2.7	30
28	Karyotype stability and predictors of chromosome number variation in sedges: A study in Carex section Spirostachyae (Cyperaceae). Molecular Phylogenetics and Evolution, 2010, 57, 353-363.	2.7	29
29	Chromosomal rearrangements in holocentric organisms lead to reproductive isolation by hybrid dysfunction: The correlation between karyotype rearrangements and germination rates in sedges. American Journal of Botany, 2016, 103, 1529-1536.	1.7	29
30	Do visual traits honestly signal floral rewards at community level?. Functional Ecology, 2021, 35, 369-383.	3.6	28
31	Longâ€distance dispersal during the middleâ€“late Pleistocene explains the bipolar disjunction of Carex maritima (Cyperaceae). Journal of Biogeography, 2015, 42, 1820-1831.	3.0	27
32	Bipolar distributions in vascular plants: A review. American Journal of Botany, 2017, 104, 1680-1694.	1.7	26
33	Plioceneâ€“Pleistocene ecological niche evolution shapes the phylogeography of a Mediterranean plant group. Molecular Ecology, 2018, 27, 1696-1713.	3.9	25
34	Direct longâ€distance dispersal best explains the bipolar distribution of Carex arctogena (Carex sect. Capituligerae, Cyperaceae). Journal of Biogeography, 2015, 42, 1514-1525.	3.0	24
35	Are diversification rates and chromosome evolution in the temperate grasses (Pooideae) associated with major environmental changes in the Oligocene-Miocene?. PeerJ, 2017, 5, e3815.	2.0	24
36	A holocentric twist to chromosomal speciation?. Trends in Ecology and Evolution, 2022, 37, 655-662.	8.7	23

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37	Niche shifts after longâ€distance dispersal events in bipolar sedges (Carex, Cyperaceae). American Journal of Botany, 2017, 104, 1765-1774.	1.7	22
38	Do holocentric chromosomes represent an evolutionary advantage? A study of paired analyses of diversification rates of lineages with holocentric chromosomes and their monocentric closest relatives. Chromosome Research, 2018, 26, 139-152.	2.2	22
39	Selection by climatic regime and neutral evolutionary processes in holocentric chromosomes (Carex) Tj ETQq1 1 0.784314 rgBT /Over Systematics, 2013, 15, 118-129.	2.7	21
40	Species coherence in the face of karyotype diversification in holocentric organisms: the case of a cytogenetically variable sedge (Carex scoparia, Cyperaceae). Annals of Botany, 2013, 112, 515-526.	2.9	21
41	Holocentric Chromosomes. , 2013, , 499-501.		21
42	Phylogeny, systematics, and trait evolution ofCarexsectionGlareosae. American Journal of Botany, 2015, 102, 1128-1144.	1.7	19
43	The grand sweep of chromosomal evolution in angiosperms. New Phytologist, 2020, 228, 805-808.	7.3	19
44	Genome size stability despite high chromosome number variation in Carex gr. laevigata. American Journal of Botany, 2015, 102, 233-238.	1.7	17
45	Phylogenetic congruence of parasitic smut fungi (Anthracoidea, Anthracoideaceae) and their host plants (Carex, Cyperaceae): Cospeciation or host-shift speciation?. American Journal of Botany, 2015, 102, 1108-1114.	1.7	17
46	Is the diversification of Mediterranean Basin plant lineages coupled to karyotypic changes?. Plant Biology, 2018, 20, 166-175.	3.8	17
47	The evolutionary history of sedges (Cyperaceae) in Madagascar. Journal of Biogeography, 2021, 48, 917-932.	3.0	16
48	Origin and diversification of flax and their relationship with heterostyly across the range. Journal of Biogeography, 2021, 48, 1994-2007.	3.0	16
49	Macroevolutionary insights into sedges (Carex: Cyperaceae): The effects of rapid chromosome number evolution on lineage diversification. Journal of Systematics and Evolution, 2021, 59, 776-790.	3.1	16
50	Spatial patterns of genusâ€level phylogenetic endemism in the tree flora of Mediterranean Europe. Diversity and Distributions, 2021, 27, 913-928.	4.1	14
51	Molecular and morphological evidence for a new species from South Africa: Carex rainbowii (Cyperaceae). South African Journal of Botany, 2013, 87, 85-91.	2.5	13
52	Vicariance versus dispersal across Beringian land bridges to explain circumpolar distribution: A case study in plants with high dispersal potential. Journal of Biogeography, 2018, 45, 771-783.	3.0	13
53	IAPT chromosome data 28. Taxon, 2018, 67, 1235-1245.	0.7	13
54	Cryptic Species Due to Hybridization: A Combined Approach to Describe a New Species (Carex:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.5	12

#	Article	IF	Citations
55	Notes on South American Carex section Schiedeanae and description of the new species Carex roalsoniana. Phytotaxa, 2016, 260, 185.	0.3	11
56	What drives diversification in a pantropical plant lineage with extraordinary capacity for longâ€distance dispersal and colonization?. Journal of Biogeography, 2021, 48, 64-77.	3.0	11
57	Long-distance dispersal explains the bipolar disjunction in Carex macloviana. American Journal of Botany, 2017, 104, 663-673.	1.7	10
58	Two independent dispersals to the Southern Hemisphere to become the most widespread bipolar Carex species: biogeography of C. canescens (Cyperaceae). Botanical Journal of the Linnean Society, 2017, 183, 360-372.	1.6	10
59	Editorial: Phylogenomic Approaches to Deal With Particularly Challenging Plant Lineages. Frontiers in Plant Science, 2020, 11, 591762.	3.6	10
60	<scp>RAD</scp>â€seq linkage mapping and patterns of segregation distortion in sedges: meiosis as a driver of karyotypic evolution in organisms with holocentric chromosomes. Journal of Evolutionary Biology, 2018, 31, 833-843.	1.7	9
61	Evolution of reproductive traits and selfing syndrome in the sub-endemic Mediterranean genus Centaurium Hill (Gentianaceae). Botanical Journal of the Linnean Society, 2019, 191, 216-235.	1.6	9
62	Polyploidy Expands the Range of Centaurium (Gentianaceae). Frontiers in Plant Science, 2021, 12, 650551.	3.6	9
63	Specimens at the Center: An Informatics Workflow and Toolkit for Specimen-level Analysis of Public DNA Database Data. Systematic Botany, 2016, 41, 529-539.	0.5	8
64	Karyotype evolution in Helianthemum (Cistaceae): dysploidy, achiasmate meiosis and ecological specialization in H. squamatum, a true gypsophile. Botanical Journal of the Linnean Society, 2019, 191, 484-501.	1.6	8
65	A clarification of the name Carex hypsipedos C.B.Clarke (Cyperaceae) and a new name for the South American Carex section Acrocystis taxon. Phytotaxa, 2017, 291, 287.	0.3	7
66	New Insights into the Systematics of the Schoenoxiphium Clade (Carex, Cyperaceae). International Journal of Plant Sciences, 2017, 178, 320-329.	1.3	7
67	Rapid plant speciation associated with the last glacial period: reproductive isolation and genetic drift in sedges. Botanical Journal of the Linnean Society, 2019, 190, 303-314.	1.6	7
68	WOODIV, a database of occurrences, functional traits, and phylogenetic data for all Euro-Mediterranean trees. Scientific Data, 2021, 8, 89.	5.3	7
69	Taxonomic revision of the tropical African group of Carex subsect. Elatae (sect.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	7
70	Using floristics, modern systematics and phylogenetics for disentangling biodiversity hotspots across scales: a Mediterranean case study. Plant Biosystems, 2018, 152, 1293-1310.	1.6	6
71	A comprehensive, genus-level time-calibrated phylogeny of the tree flora of Mediterranean Europe and an assessment of its vulnerability. Botany Letters, 2020, 167, 276-289.	1.4	6
72	Biogeography of Flowering Plants: A Case Study in Mignonettes (Resedaceae) and Sedges (Carex,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		6

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73	Novedades corolÃ³gicas del gÃ©nero Carex para la PenÃnsula IbÃ©rica.. Acta Botanica Malacitana, 0, 32, 305-309.	0.0	5
74	Isolation of 91 polymorphic microsatellite loci in the western Mediterranean endemic Carex helodes (Cyperaceae). Applications in Plant Sciences, 2016, 4, 1500085.	2.1	4
75	An integrative monograph of Carex section Schoenoxiphium (Cyperaceae). PeerJ, 2021, 9, e11336.	2.0	4
76	Carex helodes Link novedad para el continente africano.. Acta Botanica Malacitana, 0, 31, 209-210.	0.0	3
77	<I>Carex modesti</I> (<I>Cyperaceae</I>), a new species from southern Tanzania. Blumea: Journal of Plant Taxonomy and Plant Geography, 2012, 57, 143-146.	0.2	2
78	Notas de la familia Ciperaceas en la PenÃnsula IbÃ©rica. Acta Botanica Malacitana, 0, 40, 217.	0.0	2
79	Chorological and nomenclatural notes on Peruvian Carex (Cyperaceae). Caldasia, 2020, 42, 63-69.	0.2	2
80	Nuevas citas de dos ciperÃ¡ceas raras en AndalucÃa.. Acta Botanica Malacitana, 0, 32, 311-312.	0.0	1
81	Isolation and characterization of microsatellites markers in Centaurium grandiflorum ssp. boissieri. Molecular Biology Reports, 2021, 48, 8249-8253.	2.3	1
82	Notas de la familia Ciperaceas en la PenÃnsula IbÃ©rica. Acta Botanica Malacitana, 0, 40, 217-221.	0.0	0