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	A holocentric twist to chromosomal speciation?. Trends in Ecology and Evolution, 2022, 37, 655-662.	8.7	23
2	Do visual traits honestly signal floral rewards at community level?. Functional Ecology, 2021, 35, 369-383.	3.6	28
3	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
4	The evolutionary history of sedges (Cyperaceae) in Madagascar. Journal of Biogeography, 2021, 48, 917-932.	3.0	16
5	Spatial patterns of genusâ€level phylogenetic endemism in the tree flora of Mediterranean Europe. Diversity and Distributions, 2021, 27, 913-928.	4.1	14
6	WOODIV, a database of occurrences, functional traits, and phylogenetic data for all Euro-Mediterranean trees. Scientific Data, 2021, 8, 89.	5.3	7
7	Polyploidy Expands the Range of Centaurium (Gentianaceae). Frontiers in Plant Science, 2021, 12, 650551.	3.6	9
8	Origin and diversification of flax and their relationship with heterostyly across the range. Journal of Biogeography, 2021, 48, 1994-2007.	3.0	16
9	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
10	An integrative monograph of Carex section Schoenoxiphium (Cyperaceae). PeerJ, 2021, 9, e11336.	2.0	4
11	A new classification of Cyperaceae (Poales) supported by phylogenomic data. Journal of Systematics and Evolution, 2021, 59, 852-895.	3.1	46
12	A framework infrageneric classification of Carex (Cyperaceae) and its organizing principles. Journal of Systematics and Evolution, 2021, 59, 726-762.	3.1	45
13	Isolation and characterization of microsatellites markers in Centaurium grandiflorum ssp. boissieri. Molecular Biology Reports, 2021, 48, 8249-8253.	2.3	1
14	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
15	Editorial: Phylogenomic Approaches to Deal With Particularly Challenging Plant Lineages. Frontiers in Plant Science, 2020, 11, 591762.	3.6	10
16	The grand sweep of chromosomal evolution in angiosperms. New Phytologist, 2020, 228, 805-808.	7.3	19
17	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
18	Chorological and nomenclatural notes on Peruvian Carex (Cyperaceae). Caldasia, 2020, 42, 63-69.	0.2	2

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19	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
20	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
21	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
22	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
23	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
24	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
25	<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
26	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
27	Pliocene–Pleistocene ecological niche evolution shapes the phylogeography of a Mediterranean plant group. Molecular Ecology, 2018, 27, 1696-1713.	3.9	25
28	Is the diversification of Mediterranean Basin plant lineages coupled to karyotypic changes?. Plant Biology, 2018, 20, 166-175.	3.8	17
29	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
30	Style polymorphism in Linum (Linaceae): a case of Mediterranean parallel evolution?. Plant Biology, 2018, 20, 100-111.	3.8	34
31	IAPT chromosome data 28. Taxon, 2018, 67, 1235-1245.	0.7	13
32	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
33	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
34	Long-distance dispersal explains the bipolar disjunction in Carex macloviana. American Journal of Botany, 2017, 104, 663-673.	1.7	10
35	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
36	New Insights into the Systematics of the Schoenoxiphium Clade (Carex, Cyperaceae). International Journal of Plant Sciences, 2017, 178, 320-329.	1.3	7

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37	Bipolar distributions in vascular plants: A review. American Journal of Botany, 2017, 104, 1680-1694.	1.7	26
38	Niche shifts after longâ€distance dispersal events in bipolar sedges (Carex, Cyperaceae). American Journal of Botany, 2017, 104, 1765-1774.	1.7	22
39	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
40	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
41	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
42	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
43	Notes on South American Carex section Schiedeanae and description of the new species Carex roalsoniana. Phytotaxa, 2016, 260, 185.	0.3	11
44	The Phylogenetic Origins and Evolutionary History of Holocentric Chromosomes. Systematic Botany, 2016, 41, 580-585.	0.5	38
45	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
46	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
47	Isolation of 91 polymorphic microsatellite loci in the western Mediterranean endemic Carex helodes (Cyperaceae). Applications in Plant Sciences, 2016, 4, 1500085.	2.1	4
48	Cryptic Species Due to Hybridization: A Combined Approach to Describe a New Species (Carex:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	2.5	12
49	MakingCarexmonophyletic (Cyperaceae, tribe Cariceae): a new broader circumscription. Botanical Journal of the Linnean Society, 2015, 179, 1-42.	1.6	116
50	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
51	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
52	Genome size stability despite high chromosome number variation in Carex gr. laevigata. American Journal of Botany, 2015, 102, 233-238.	1.7	17
53	Phylogeny, systematics, and trait evolution ofCarexsectionGlareosae. American Journal of Botany, 2015, 102, 1128-1144.	1.7	19
54	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

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55	Karyotypic Changes through Dysploidy Persist Longer over Evolutionary Time than Polyploid Changes. PLoS ONE, 2014, 9, e85266.	2.5	78
56	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
57	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
58	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
59	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
60	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
61	Holocentric Chromosomes. , 2013, , 499-501.		21
62	<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
63	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
64	Selection and inertia in the evolution of holocentric chromosomes in sedges (Carex,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	7.3	44
65	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
66	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
67	Taxonomic revision of the tropical African group of Carex subsect. Elatae (sect.) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.4	7
68	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
69	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
70	MATICCE: mapping transitions in continuous character evolution. Bioinformatics, 2010, 26, 132-133.	4.1	78
71	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
72	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

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73	Systematics and evolution of Carex sects. Spirostachyae and Elatae (Cyperaceae). Plant Systematics and Evolution, 2009, 279, 163-189.	0.9	39
74	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
75	Evolution in Carex L. sect. Spirostachyae (Cyperaceae): A molecular and cytogenetic approach. Organisms Diversity and Evolution, 2008, 7, 271-291.	1.6	50
76	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
77	Carex helodes Link novedad para el continente africano.. Acta Botanica Malacitana, 0, 31, 209-210.	0.0	3
78	Novedades corolÃ³gicas del gÃ©nero Carex para la PenÃnsula IbÃ©rica.. Acta Botanica Malacitana, 0, 32, 305-309.	0.0	5
79	Nuevas citas de dos ciperÃ¡ceas raras en AndalucÃa.. Acta Botanica Malacitana, 0, 32, 311-312.	0.0	1
80	Biogeography of Flowering Plants: A Case Study in Mignonettes (Resedaceae) and Sedges (Carex,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		6
81	Notas de la familia Ciperaceas en la PenÃnsula IbÃ©rica. Acta Botanica Malacitana, 0, 40, 217-221.	0.0	0
82	Notas de la familia Ciperaceas en la PenÃnsula IbÃ©rica. Acta Botanica Malacitana, 0, 40, 217.	0.0	2