Andrea Cocucci

List of Publications by Year in descending order

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62 papers	2,702 citations	172457 29 h-index	189892 50 g-index
64 all docs	64 docs citations	64 times ranked	3267 citing authors

#	Article	IF	Citations
1	Beyond species loss: the extinction of ecological interactions in a changing world. Functional Ecology, 2015, 29, 299-307.	3.6	619
2	Emerging phylogeographical patterns of plants and terrestrial vertebrates from Patagonia. Biological Journal of the Linnean Society, 2011, 103, 475-494.	1.6	194
3	The long and the short of it: a global analysis of hawkmoth pollination niches and interaction networks. Functional Ecology, 2017, 31, 101-115.	3.6	90
4	New insights into the phylogenetic relationships, character evolution, and phytogeographic patterns of Calceolaria (Calceolariaceae). American Journal of Botany, 2009, 96, 2240-2255.	1.7	87
5	Extreme variation in floral characters and its consequences for pollinator attraction among populations of an Andean cactus. Annals of Botany, 2009, 103, 1489-1500.	2.9	82
6	Beyond neutral and forbidden links: morphological matches and the assembly of mutualistic hawkmothâ€“plant networks. Journal of Animal Ecology, 2016, 85, 1586-1594.	2.8	77
7	Variation of Pollinator Assemblages and Pollen Limitation in a Locally Specialized System: The Oil-producing Nierembergia linariifolia (Solanaceae). Annals of Botany, 2008, 102, 723-734.	2.9	75
8	Pollinator-mediated selection on floral traits and size of floral display in Cyclopogon elatus, a sweat bee-pollinated orchid. Functional Ecology, 2006, 20, 948-957.	3.6	72
9	Flower power: its association with bee power and floral functional morphology in papilionate legumes. Annals of Botany, 2011, 108, 919-931.	2.9	68
10	Pollination biology ofNierembergia (Solanaceae). Plant Systematics and Evolution, 1991, 174, 17-35.	0.9	64
11	Geographical differentiation in floral traits across the distribution range of the Patagonian oil-secreting Calceolaria polyrhiza: do pollinators matter?. Annals of Botany, 2014, 113, 251-266.	2.9	58
12	Geographical variation in floral traits of the tree tobacco in relation to its hummingbird pollinator fauna. Biological Journal of the Linnean Society, 2007, 90, 657-667.	1.6	56
13	The diversity and evolution of pollination systems in large plant clades: Apocynaceae as a case study. Annals of Botany, 2019, 123, 311-325.	2.9	53
14	A simple floral fragrance and unusual osmophore structure in Cyclopogon elatus (Orchidaceae). Plant Biology, 2009, 11, 506-514.	3.8	52
15	Armament Imbalances: Match and Mismatch in Plant-Pollinator Traits of Highly Specialized Long-Spurred Orchids. PLoS ONE, 2012, 7, e41878.	2.5	49
16	Factors affecting pollinator movement and plant fitness in a specialized pollination system. Plant Systematics and Evolution, 2011, 296, 77-85.	0.9	48
17	RESTRICTION OF POLLINATOR ASSEMBLAGE THROUGH FLOWER LENGTH AND WIDTH IN THREE LONG-TONGUED HAWKMOTHâ€“POLLINATED SPECIES OF MANDEVILLA (APOCYNACEAE,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T		
18	Multiple periglacial refugia in the Patagonian steppe and postâ€glacial colonization of the Andes: the phylogeography of Calceolaria polyrhiza. Journal of Biogeography, 2010, 37, 1463-1477.	3.0	45

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19	How to look like a mallow: evidence of floral mimicry between Turneraceae and Malvaceae. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2239-2248.	2.6	44
20	Patterns of contemporary phenotypic selection and flower integration in the hummingbird-pollinatedNicotiana glaucabetween populations with different flower-pollinator combinations. Oikos, 2010, 119, 852-863.	2.7	41
21	Pollinatorâ€mediated selection in a specialized pollination system: matches and mismatches across populations. Journal of Evolutionary Biology, 2010, 23, 1957-1968.	1.7	41
22	The buck in the milkweed: evidence of maleâ€“male interference among pollinaria on pollinators. New Phytologist, 2014, 203, 280-286.	7.3	41
23	Functional morphology and wasp pollination of two South American asclepiads (Asclepiadoideaeâ€“Apocynaceae). Annals of Botany, 2012, 109, 77-93.	2.9	39
24	Specialized use of pollen vectors by Caesalpiniaâ€ƒgilliesii, a legume species with brush-type flowers. Biological Journal of the Linnean Society, 2006, 88, 579-592.	1.6	35
25	The Importance of Oligosulfides in the Attraction of Fly Pollinators to the Brood-Site Deceptive SpeciesJaborosa rotacea(Solanaceae). International Journal of Plant Sciences, 2013, 174, 863-876.	1.3	35
26	Mating system, outcrossing distance effects and pollen availability in the wind-pollinated treeline species Polylepis australis BITT. (Rosaceae). Basic and Applied Ecology, 2009, 10, 52-60.	2.7	34
27	Functional Gynodioecy in Opuntia quimilo (Cactaceae), a Tree Cactus Pollinated by Bees and Hummingbirds. Plant Biology, 2003, 5, 531-539.	3.8	33
28	Variable selection patterns on the labellum shape of Geoblasta pennicillata, a sexually deceptive orchid. Journal of Evolutionary Biology, 2009, 22, 2354-2362.	1.7	33
29	Precipitation rather than temperature influenced the phylogeography of the endemic shrub <scp>A</scp>narthrophyllum desideratum in the <scp>P</scp>atagonian steppe. Journal of Biogeography, 2013, 40, 168-182.	3.0	33
30	First confirmed case of pseudocopulation in terrestrial orchids of South America: Pollination of Geoblasta pennicillata (Orchidaceae) by Campsomeris bistrimacula (Hymenoptera, Scoliidae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2006, 201, 365-369.	1.2	31
31	Geographic variation of floral traits in Nicotiana glauca: Relationships with biotic and abiotic factors. Acta Oecologica, 2011, 37, 503-511.	1.1	28
32	Fragment size, pollination efficiency and reproductive success in natural populations of wind-pollinated Polylepis australis (Rosaceae) trees. Flora: Morphology, Distribution, Functional Ecology of Plants, 2007, 202, 547-554.	1.2	25
33	Phylogeny and floral trait evolution in Jaborosa (Solanaceae). Taxon, 2015, 64, 523-534.	0.7	23
34	Using chromosomal data in the phylogenetic and molecular dating framework: karyotype evolution and diversification in Nierembergia (Solanaceae) influenced by historical changes in sea level. Plant Biology, 2016, 18, 514-526.	3.8	22
35	Exploring the ontogenetic scaling hypothesis during the diversification of pollination syndromes inCaiophora(Loasaceae, subfam. Loasoideae). Annals of Botany, 2016, 117, 937-947.	2.9	22
36	Temporal variation in the selection on floral traits in Cyclopogon elatus (Orchidaceae). Evolutionary Ecology, 2012, 26, 1451-1468.	1.2	20

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37	The search for <scp>P</scp>leiades in trait constellations: functional integration and phenotypic selection in the complex flowers of <scp>M</scp>orrenia brachystephana (<scp>A</scp>pocynaceae). Journal of Evolutionary Biology, 2014, 27, 724-736.	1.7	19
38	The evolution of floral ontogenetic allometry in the Andean genus Caiophora (Loasaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.0	19
39	Pollination biology of Canna indica (Cannaceae) with particular reference to the functional morphology of the style. Plant Systematics and Evolution, 2011, 291, 49-58.	0.9	18
40	Biparental inbreeding depression, genetic relatedness and progeny vigour in a wind-pollinated treeline species in Argentina. Plant Ecology, 2009, 205, 155-164.	1.6	17
41	Phenotypic selection mosaic for flower length influenced by geographically varying hawkmoth pollinator proboscis length and abiotic environment. New Phytologist, 2020, 225, 985-998.	7.3	17
42	Reproductive ecology of the bird-pollinated Nicotiana glauca across native and introduced ranges with contrasting pollination environments. Biological Invasions, 2020, 22, 485-498.	2.4	17
43	Clinal variability of oil and nectar rewards inMonttea aphylla(Plantaginaceae): relationships with pollinators and climatic factors in the Monte Desert. Botanical Journal of the Linnean Society, 2015, 178, 314-328.	1.6	16
44	Possible tobacco progenitors share long-tongued hawkmoths as pollen vectors. Plant Systematics and Evolution, 2003, 241, 47-54.	0.9	15
45	Mechanical fit between flower and pollinators in relation to realized precision and accuracy in the hummingbird-pollinatedDolichandra cynanchoides. Biological Journal of the Linnean Society, 2019, 126, 655-665.	1.6	14
46	Range overlap between the sword-billed hummingbird and its guild of long-flowered species: An approach to the study of a coevolutionary mosaic. PLoS ONE, 2018, 13, e0209742.	2.5	12
47	The least effective pollinator principle: specialized morphology despite generalized ecology. Plant Biology, 2020, 22, 924-931.	3.8	11
48	CHROMOSOME REPORTS IN SOUTH AMERICAN NICOTIANEAE (SOLANACEAE), WITH PARTICULAR REFERENCE TO NIEREMBERGIA¹[,]². Annals of the Missouri Botanical Garden, 2006, 93, 634-646.	1.3	10
49	Geographic patterns and environmental drivers of flower and leaf variation in an endemic legume of Southern Patagonia. Plant Ecology and Diversity, 2012, 5, 13-25.	2.4	10
50	Does hardness make flower love less promiscuous? Effect of biomechanical floral traits on visitation rates and pollination assemblages. Arthropod-Plant Interactions, 2017, 11, 299-305.	1.1	10
51	Flower reshaping in the transition to hummingbird pollination in Loasaceae subfam. Loasoideae despite absence of corolla tubes or spurs. Evolutionary Ecology, 2016, 30, 401-417.	1.2	9
52	Species tree phylogeny, character evolution, and biogeography of the Patagonian genus Anarthrophyllum Benth. (Fabaceae). Organisms Diversity and Evolution, 2018, 18, 71-86.	1.6	9
53	Reproductive biology in Acacia caven (Mol.) Mol. (Leguminosae) in the central region of Argentina. Botanical Journal of the Linnean Society, 1995, 119, 65-76.	1.6	8
54	Floral Structure, Anther Development, and Pollen Dispersal of Halophytum ameghinoi (Halophytaceae). International Journal of Plant Sciences, 2006, 167, 1091-1098.	1.3	8

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55	Functional modularity in a forcible flower mechanism: relationships among morphology, biomechanical features and fitness. Evolutionary Ecology, 2015, 29, 719-732.	1.2	8
56	Dynamics of pollen release in relation to anther-wall structure among species of Solanum (Solanaceae). Australian Journal of Botany, 2006, 54, 765.	0.6	7
57	Pollen deposition patterns onto the pollinatorsâ€™ body in sphingophilous communities of subtropical Argentina. Darwiniana, 2014, 2, 174-196.	0.2	7
58	The role of fetid olfactory signals in the shift to saprophilous fly pollination in Jaborosa (Solanaceae). Arthropod-Plant Interactions, 2019, 13, 375-386.	1.1	7
59	Beyond taxonomy: anther skirt is a diagnostic character that provides specialized noctuid pollination in Marsdenia megalantha (Asclepiadoideaeâ€“Apocynaceae). Plant Systematics and Evolution, 2019, 305, 103-114.	0.9	6
60	Crescendo, diminuendo and subito of the trumpets: winds of change in the concerted evolution between flowers and pollinators in Salpichroa (Solanaceae). Molecular Phylogenetics and Evolution, 2019, 132, 90-99.	2.7	6
61	Fragility of nocturnal interactions: Pollination intensity increases with distance to light pollution sources but decreases with increasing environmental suitability. Environmental Pollution, 2022, 292, 118350.	7.5	4
62	Pollination and fitness of a hawkmoth-pollinated plant are related to light pollution and tree cover. Biological Journal of the Linnean Society, 2021, 134, 815-822.	1.6	2