

Andrea Cocucci

List of Publications by Year in descending order

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62
papers

2,702
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172457

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189892

50
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docs citations

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times ranked

3267
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fragility of nocturnal interactions: Pollination intensity increases with distance to light pollution sources but decreases with increasing environmental suitability. <i>Environmental Pollution</i> , 2022, 292, 118350. | 7.5 | 4 |
| 2 | Pollination and fitness of a hawkmoth-pollinated plant are related to light pollution and tree cover. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 815-822. | 1.6 | 2 |
| 3 | Phenotypic selection mosaic for flower length influenced by geographically varying hawkmoth pollinator proboscis length and abiotic environment. <i>New Phytologist</i> , 2020, 225, 985-998. | 7.3 | 17 |
| 4 | Reproductive ecology of the bird-pollinated <i>Nicotiana glauca</i> across native and introduced ranges with contrasting pollination environments. <i>Biological Invasions</i> , 2020, 22, 485-498. | 2.4 | 17 |
| 5 | The least effective pollinator principle: specialized morphology despite generalized ecology. <i>Plant Biology</i> , 2020, 22, 924-931. | 3.8 | 11 |
| 6 | The diversity and evolution of pollination systems in large plant clades: Apocynaceae as a case study. <i>Annals of Botany</i> , 2019, 123, 311-325. | 2.9 | 53 |
| 7 | Mechanical fit between flower and pollinators in relation to realized precision and accuracy in the hummingbird-pollinated <i>Dolichandra cyananchoides</i> . <i>Biological Journal of the Linnean Society</i> , 2019, 126, 655-665. | 1.6 | 14 |
| 8 | Beyond taxonomy: anther skirt is a diagnostic character that provides specialized noctuid pollination in <i>Marsdenia megalantha</i> (Asclepiadoideae) Apocynaceae). <i>Plant Systematics and Evolution</i> , 2019, 305, 103-114. | 0.9 | 6 |
| 9 | Crescendo, diminuendo and subito of the trumpets: winds of change in the concerted evolution between flowers and pollinators in <i>Salpichroa</i> (Solanaceae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 132, 90-99. | 2.7 | 6 |
| 10 | The role of fetid olfactory signals in the shift to saprophilous fly pollination in <i>Jaborosa</i> (Solanaceae). <i>Arthropod-Plant Interactions</i> , 2019, 13, 375-386. | 1.1 | 7 |
| 11 | Species tree phylogeny, character evolution, and biogeography of the Patagonian genus <i>Anarthrophyllum</i> Benth. (Fabaceae). <i>Organisms Diversity and Evolution</i> , 2018, 18, 71-86. | 1.6 | 9 |
| 12 | The evolution of floral ontogenetic allometry in the Andean genus <i>Caiophora</i> (Loasaceae). <i>Trends in Ecology & Evolution</i> , 2018, 33, 100-109. | 2.0 | 19 |
| 13 | Range overlap between the sword-billed hummingbird and its guild of long-flowered species: An approach to the study of a coevolutionary mosaic. <i>PLoS ONE</i> , 2018, 13, e0209742. | 2.5 | 12 |
| 14 | Does hardness make flower love less promiscuous? Effect of biomechanical floral traits on visitation rates and pollination assemblages. <i>Arthropod-Plant Interactions</i> , 2017, 11, 299-305. | 1.1 | 10 |
| 15 | The long and the short of it: a global analysis of hawkmoth pollination niches and interaction networks. <i>Functional Ecology</i> , 2017, 31, 101-115. | 3.6 | 90 |
| 16 | Using chromosomal data in the phylogenetic and molecular dating framework: karyotype evolution and diversification in <i>Nierembergia</i> (Solanaceae) influenced by historical changes in sea level. <i>Plant Biology</i> , 2016, 18, 514-526. | 3.8 | 22 |
| 17 | Exploring the ontogenetic scaling hypothesis during the diversification of pollination syndromes in <i>Caiophora</i> (Loasaceae, subfam. Loasoideae). <i>Annals of Botany</i> , 2016, 117, 937-947. | 2.9 | 22 |
| 18 | Beyond neutral and forbidden links: morphological matches and the assembly of mutualistic hawkmoth-plant networks. <i>Journal of Animal Ecology</i> , 2016, 85, 1586-1594. | 2.8 | 77 |

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|----|--|-----|-----------|
| 19 | Flower reshaping in the transition to hummingbird pollination in Loasaceae subfam. Loasoideae despite absence of corolla tubes or spurs. <i>Evolutionary Ecology</i> , 2016, 30, 401-417. | 1.2 | 9 |
| 20 | Functional modularity in a forcible flower mechanism: relationships among morphology, biomechanical features and fitness. <i>Evolutionary Ecology</i> , 2015, 29, 719-732. | 1.2 | 8 |
| 21 | Clinal variability of oil and nectar rewards in <i>Monttea aphylla</i> (Plantaginaceae): relationships with pollinators and climatic factors in the Monte Desert. <i>Botanical Journal of the Linnean Society</i> , 2015, 178, 314-328. | 1.6 | 16 |
| 22 | Phylogeny and floral trait evolution in <i>Jaborosa</i> (Solanaceae). <i>Taxon</i> , 2015, 64, 523-534. | 0.7 | 23 |
| 23 | Beyond species loss: the extinction of ecological interactions in a changing world. <i>Functional Ecology</i> , 2015, 29, 299-307. | 3.6 | 619 |
| 24 | Pollen deposition patterns onto the pollinators' body in sphingophilous communities of subtropical Argentina. <i>Darwiniana</i> , 2014, 2, 174-196. | 0.2 | 7 |
| 25 | The buck in the milkweed: evidence of male-male interference among pollinaria on pollinators. <i>New Phytologist</i> , 2014, 203, 280-286. | 7.3 | 41 |
| 26 | The search for <i>Pleiades</i> in trait constellations: functional integration and phenotypic selection in the complex flowers of <i>Morrenia brachystephana</i> (Asteraceae). <i>Journal of Evolutionary Biology</i> , 2014, 27, 724-736. | 1.7 | 19 |
| 27 | Geographical differentiation in floral traits across the distribution range of the Patagonian oil-secreting <i>Calceolaria polyrhiza</i> : do pollinators matter?. <i>Annals of Botany</i> , 2014, 113, 251-266. | 2.9 | 58 |
| 28 | Precipitation rather than temperature influenced the phylogeography of the endemic shrub <i>Aparthophyllum desideratum</i> in the Patagonian steppe. <i>Journal of Biogeography</i> , 2013, 40, 168-182. | 3.0 | 33 |
| 29 | The Importance of Oligosulfides in the Attraction of Fly Pollinators to the Brood-Site Deceptive Species <i>Jaborosa rotacea</i> (Solanaceae). <i>International Journal of Plant Sciences</i> , 2013, 174, 863-876. | 1.3 | 35 |
| 30 | Geographic patterns and environmental drivers of flower and leaf variation in an endemic legume of Southern Patagonia. <i>Plant Ecology and Diversity</i> , 2012, 5, 13-25. | 2.4 | 10 |
| 31 | Temporal variation in the selection on floral traits in <i>Cyclopogon elatus</i> (Orchidaceae). <i>Evolutionary Ecology</i> , 2012, 26, 1451-1468. | 1.2 | 20 |
| 32 | Armament Imbalances: Match and Mismatch in Plant-Pollinator Traits of Highly Specialized Long-Spurred Orchids. <i>PLoS ONE</i> , 2012, 7, e41878. | 2.5 | 49 |
| 33 | Functional morphology and wasp pollination of two South American asclepiads (Asclepiadoideae/Apocynaceae). <i>Annals of Botany</i> , 2012, 109, 77-93. | 2.9 | 39 |
| 34 | Geographic variation of floral traits in <i>Nicotiana glauca</i> : Relationships with biotic and abiotic factors. <i>Acta Oecologica</i> , 2011, 37, 503-511. | 1.1 | 28 |
| 35 | Emerging phylogeographical patterns of plants and terrestrial vertebrates from Patagonia. <i>Biological Journal of the Linnean Society</i> , 2011, 103, 475-494. | 1.6 | 194 |
| 36 | Pollination biology of <i>Canna indica</i> (Cannaceae) with particular reference to the functional morphology of the style. <i>Plant Systematics and Evolution</i> , 2011, 291, 49-58. | 0.9 | 18 |

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|----|--|-----|-----------|
| 37 | Factors affecting pollinator movement and plant fitness in a specialized pollination system. <i>Plant Systematics and Evolution</i> , 2011, 296, 77-85. | 0.9 | 48 |
| 38 | Flower power: its association with bee power and floral functional morphology in papilionate legumes. <i>Annals of Botany</i> , 2011, 108, 919-931. | 2.9 | 68 |
| 39 | Patterns of contemporary phenotypic selection and flower integration in the hummingbird-pollinated <i>Nicotiana glauca</i> between populations with different flower-pollinator combinations. <i>Oikos</i> , 2010, 119, 852-863. | 2.7 | 41 |
| 40 | Multiple periglacial refugia in the Patagonian steppe and post-glacial colonization of the Andes: the phylogeography of <i>Calceolaria polyrhiza</i> . <i>Journal of Biogeography</i> , 2010, 37, 1463-1477. | 3.0 | 45 |
| 41 | Pollinator-mediated selection in a specialized pollination system: matches and mismatches across populations. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1957-1968. | 1.7 | 41 |
| 42 | Mating system, outcrossing distance effects and pollen availability in the wind-pollinated treeline species <i>Polylepis australis</i> BITT. (Rosaceae). <i>Basic and Applied Ecology</i> , 2009, 10, 52-60. | 2.7 | 34 |
| 43 | Biparental inbreeding depression, genetic relatedness and progeny vigour in a wind-pollinated treeline species in Argentina. <i>Plant Ecology</i> , 2009, 205, 155-164. | 1.6 | 17 |
| 44 | A simple floral fragrance and unusual osmophore structure in <i>Cyclopogon elatus</i> (Orchidaceae). <i>Plant Biology</i> , 2009, 11, 506-514. | 3.8 | 52 |
| 45 | Variable selection patterns on the labellum shape of <i>Geoblasta pennicillata</i> , a sexually deceptive orchid. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2354-2362. | 1.7 | 33 |
| 46 | New insights into the phylogenetic relationships, character evolution, and phytogeographic patterns of <i>Calceolaria</i> (Calceolariaceae). <i>American Journal of Botany</i> , 2009, 96, 2240-2255. | 1.7 | 87 |
| 47 | Extreme variation in floral characters and its consequences for pollinator attraction among populations of an Andean cactus. <i>Annals of Botany</i> , 2009, 103, 1489-1500. | 2.9 | 82 |
| 48 | Variation of Pollinator Assemblages and Pollen Limitation in a Locally Specialized System: The Oil-producing <i>Nierembergia linariifolia</i> (Solanaceae). <i>Annals of Botany</i> , 2008, 102, 723-734. | 2.9 | 75 |
| 49 | How to look like a mallow: evidence of floral mimicry between Turneraceae and Malvaceae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2239-2248. | 2.6 | 44 |
| 50 | Fragment size, pollination efficiency and reproductive success in natural populations of wind-pollinated <i>Polylepis australis</i> (Rosaceae) trees. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2007, 202, 547-554. | 1.2 | 25 |
| 51 | RESTRICTION OF POLLINATOR ASSEMBLAGE THROUGH FLOWER LENGTH AND WIDTH IN THREE LONG-TONGUED HAWKMOTH-POLLINATED SPECIES OF MANDEVILLA (APOCYNACEAE.) <i>TJ ETQq1 1 0.784314 rgBT /Overlook 10 T 5</i> | 1.0 | 10 |
| 52 | Geographical variation in floral traits of the tree tobacco in relation to its hummingbird pollinator fauna. <i>Biological Journal of the Linnean Society</i> , 2007, 90, 657-667. | 1.6 | 56 |
| 53 | First confirmed case of pseudocopulation in terrestrial orchids of South America: Pollination of <i>Geoblasta pennicillata</i> (Orchidaceae) by <i>Campsomeris bistrimacula</i> (Hymenoptera, Scoliidae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2006, 201, 365-369. | 1.2 | 31 |
| 54 | Floral Structure, Anther Development, and Pollen Dispersal of <i>Halophytum ameghinoi</i> (Halophytaceae). <i>International Journal of Plant Sciences</i> , 2006, 167, 1091-1098. | 1.3 | 8 |

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|----|---|-----|-----------|
| 55 | Dynamics of pollen release in relation to anther-wall structure among species of <i>Solanum</i> (Solanaceae). <i>Australian Journal of Botany</i> , 2006, 54, 765. | 0.6 | 7 |
| 56 | Pollinator-mediated selection on floral traits and size of floral display in <i>Cyclopogon elatus</i> , a sweat bee-pollinated orchid. <i>Functional Ecology</i> , 2006, 20, 948-957. | 3.6 | 72 |
| 57 | Specialized use of pollen vectors by <i>Caesalpinia gilliesii</i> , a legume species with brush-type flowers. <i>Biological Journal of the Linnean Society</i> , 2006, 88, 579-592. | 1.6 | 35 |
| 58 | CHROMOSOME REPORTS IN SOUTH AMERICAN NICOTIANEA (SOLANACEAE), WITH PARTICULAR REFERENCE TO <i>NIEREMBERGIA</i> . <i>Annals of the Missouri Botanical Garden</i> , 2006, 93, 634-646. | 1.3 | 10 |
| 59 | Functional Gynodioecy in <i>Opuntia quimilo</i> (Cactaceae), a Tree Cactus Pollinated by Bees and Hummingbirds. <i>Plant Biology</i> , 2003, 5, 531-539. | 3.8 | 33 |
| 60 | Possible tobacco progenitors share long-tongued hawkmoths as pollen vectors. <i>Plant Systematics and Evolution</i> , 2003, 241, 47-54. | 0.9 | 15 |
| 61 | Reproductive biology in <i>Acacia caven</i> (Mol.) Mol. (Leguminosae) in the central region of Argentina. <i>Botanical Journal of the Linnean Society</i> , 1995, 119, 65-76. | 1.6 | 8 |
| 62 | Pollination biology of <i>Nierembergia</i> (Solanaceae). <i>Plant Systematics and Evolution</i> , 1991, 174, 17-35. | 0.9 | 64 |