Diego Demarco

List of Publications by Year
in descending order

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84 papers	1,242 citations	394421 19 h-index	477307 29 g-index
86 all docs	86 docs citations	86 times ranked	1340 citing authors

#	Article	IF	Citations
1	Gynodioecy in Trichilia (Meliaceae) and a peculiar case of male sterility due to tapetal necrotic cell death. Revista Brasileira De Botanica, 2022, 45, 449-462.	1.3	4
2	Spicoid morphology of Mapanioideae (Cyperaceae): an evolutionary perspective. Botanical Journal of the Linnean Society, 2022, 198, 165-185.	1.6	1
3	Cell-to-cell trafficking patterns in cell lines of Araucaria angustifolia (Brazilian pine) with contrasting embryogenic potential. Plant Cell, Tissue and Organ Culture, 2022, 148, 81-93.	2.3	4
4	Diversity and evolution of secretory structures in Sapindales. Revista Brasileira De Botanica, 2022, 45, 251-279.	1.3	9
5	What reproductive traits tell us about the evolution and diversification of the tree-of-heaven family, Simaroubaceae. Revista Brasileira De Botanica, 2022, 45, 367-397.	1.3	6
6	Revisiting pericarp structure, dehiscence and seed dispersal in Galipeeae (Zanthoxyloideae, Rutaceae). Revista Brasileira De Botanica, 2022, 45, 415-429.	1.3	6
7	Gynoecium structure in Sapindales and a case study of Trichilia pallens (Meliaceae). Journal of Plant Research, 2022, 135, 157-190.	2.4	3
8	Adnate Leaf-Base and the Origin of Ribs in Succulent Stems of Euphorbia L.. Plants, 2022, 11, 1076.	3.5	1
9	Evolution of reproductive traits in the mahagony family (Meliaceae). Journal of Systematics and Evolution, 2021, 59, 21-43.	3.1	10
10	Two Origins, Two Functions: The Discovery of Distinct Secretory Ducts Formed during the Primary and Secondary Growth in Kielmeyera. Plants, 2021, 10, 877.	3.5	7
11	Secretory ducts in Anacardiaceae revisited: Updated concepts and new findings based on histochemical evidence. South African Journal of Botany, 2021, 138, 394-405.	2.5	16
12	Stinging Trichomes in Apocynaceae and Their Evolution in Angiosperms. Plants, 2021, 10, 2324.	3.5	4
13	Secretory Patterns in Colleters of Apocynaceae. Plants, 2021, 10, 2770.	3.5	2
14	C₄ and crassulacean acid metabolism within a single leaf: deciphering key components behind a rare photosynthetic adaptation. New Phytologist, 2020, 225, 1699-1714.	7.3	26
15	Plant latex and latex-borne defense. Advances in Botanical Research, 2020, , 1-25.	1.1	9
16	Spicoid ontogeny in Diplasia (Mapanioideae, Cyperaceae): an approach on the developmental processes operating in Mapanioideae spicoids. Plant Systematics and Evolution, 2020, 306, 1.	0.9	3
17	Structure of long-tubed white corollas: A case study from the trumpet-creeper family (Bignoniaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2020, 268, 151598.	1.2	4
18	Phytochrome-Dependent Temperature Perception Modulates Isoprenoid Metabolism. Plant Physiology, 2020, 183, 869-882.	4.8	21

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19	Crystal structure and specific location of a germin-like protein with proteolytic activity from Thevetia peruviana. Plant Science, 2020, 298, 110590.	3.6	2
20	Beyond the limits of photoperception: constitutively active PHYTOCHROME B2 overexpression as a means of improving fruit nutritional quality in tomato. Plant Biotechnology Journal, 2020, 18, 2027-2041.	8.3	34
21	Diversity of Floral Glands and Their Secretions in Pollinator Attraction. Reference Series in Phytochemistry, 2020, , 709-754.	0.4	7
22	Laticifers in Sapindaceae: Structure, Evolution and Phylogenetic Importance. Frontiers in Plant Science, 2020, 11, 612985.	3.6	10
23	Floral development in Hura crepitans (Euphorbiaceae): a bat-pollinated species with multicarpellate gynoecium. Revista Brasileira De Botanica, 2019, 42, 509-519.	1.3	4
24	Comparative floral structure and evolution in Galipeinae (Galipeeae: Rutaceae) and its implications at different systematic levels. Botanical Journal of the Linnean Society, 2019, 191, 30-101.	1.6	17
25	Diversity of Floral Glands and Their Secretions in Pollinator Attraction. Reference Series in Phytochemistry, 2019, , 1-46.	0.4	2
26	Floral structure and development in Alchornea sidifolia (Acalyphoideae) and the evolution of wind pollination in Euphorbiaceae. Revista Brasileira De Botanica, 2019, 42, 307-317.	1.3	2
27	Diversity of Floral Glands and Their Secretions in Pollinator Attraction. Reference Series in Phytochemistry, 2019, , 1-46.	0.4	1
28	Laticifers, Latex, and Their Role in Plant Defense. Trends in Plant Science, 2019, 24, 553-567.	8.8	89
29	Diversity of Floral Glands and Their Secretions in Pollinator Attraction. Reference Series in Phytochemistry, 2019, , 1-46.	0.4	3
30	Solanum lycopersicum GOLDEN 2-LIKE 2 transcription factor affects fruit quality in a light- and auxin-dependent manner. PLoS ONE, 2019, 14, e0212224.	2.5	33
31	Structure and development of flowers inLepidagathisand implications for systematics of the genus and floral evolution in Acanthaceae. Botanical Journal of the Linnean Society, 2019, 189, 153-168.	1.6	3
32	Phylogeny of Schinus L. (Anacardiaceae) with a new infrageneric classification and insights into evolution of spinescence and floral traits. Molecular Phylogenetics and Evolution, 2019, 133, 302-351.	2.7	18
33	Fruit-localized phytochromes regulate plastid biogenesis, starch synthesis, and carotenoid metabolism in tomato. Journal of Experimental Botany, 2018, 69, 3573-3586.	4.8	53
34	Impact of tank formation on distribution and cellular organization of trichomes within Guzmania monostachia rosette. Flora: Morphology, Distribution, Functional Ecology of Plants, 2018, 243, 11-18.	1.2	12
35	Diversity of floral nectary secretions and structure, and implications for their evolution in Anacardiaceae. Botanical Journal of the Linnean Society, 2018, 187, 209-231.	1.6	23
36	Osmophores and floral fragrance inAnacardium humileandMangifera indica(Anacardiaceae): an overlooked secretory structure in Sapindales. AoB PLANTS, 2018, 10, ply062.	2.3	11

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37	A Tomato Tocopherol Binding Protein Sheds Light on Intracellular Î±-tocopherol Metabolism in Plants. Plant and Cell Physiology, 2018, 59, 2188-2203.	3.1	19
38	Structure and development of flowers and inflorescences in Peraceae and Euphorbiaceae and the evolution of pseudanthia in Malpighiales. PLoS ONE, 2018, 13, e0203954.	2.5	11
39	Histochemical Analysis of Plant Secretory Structures. Methods in Molecular Biology, 2017, 1560, 313-330.	0.9	41
40	Monoterpenes from the essential oil from Brazilian propolis affect seedling cellular elongation. Revista Brasileira De Botanica, 2017, 40, 609-615.	1.3	5
41	Staminal wing and a novel secretory structure of asclepiads. Botany, 2017, 95, 763-772.	1.0	3
42	Reproductive phenology and floral visitors of a Langsdorffia hypogaea (Balanophoraceae) population in Brazil. Flora: Morphology, Distribution, Functional Ecology of Plants, 2017, 233, 51-57.	1.2	7
43	Colleters in Asclepiadoideae (Apocynaceae): Protection of Meristems against Desiccation and New Functions Assigned. International Journal of Plant Sciences, 2017, 178, 465-477.	1.3	28
44	Phytochromobilin deficiency impairs sugar metabolism through the regulation of cytokinin and auxin signaling in tomato fruits. Scientific Reports, 2017, 7, 7822.	3.3	39
45	Manipulation of a Senescence-Associated Gene Improves Fleshy Fruit Yield. Plant Physiology, 2017, 175, 77-91.	4.8	74
46	Laticifer development and its growth mode in Allamanda blanchetii A. DC. (Apocynaceae). Journal of the Torrey Botanical Society, 2017, 144, 303-312.	0.3	20
47	Stipules in Apocynaceae: an ontogenetic perspective. AoB PLANTS, 2017, 9, plw083.	2.3	4
48	Floral glands in asclepiads: structure, diversity and evolution. Acta Botanica Brasilica, 2017, 31, 477-502.	0.8	16
49	Flower development in species of Croton (Euphorbiaceae) and its implications for floral morphological diversity in the genus. Australian Journal of Botany, 2017, 65, 538.	0.6	2
50	Peculiar anatomical traits, high durability, and potential ornamental use of Cyclanthaceae as fresh foliage. Anais Da Academia Brasileira De Ciencias, 2017, 89, 2399-2410.	0.8	0
51	Pericarp ontogeny of Tapirira guianensis Aubl. (Anacardiaceae) reveals a secretory endocarp in young stage. Acta Botanica Brasilica, 2017, 31, 319-329.	0.8	9
52	Corona development and floral nectaries of Asclepiadeae (Asclepiadoideae, Apocynaceae). Acta Botanica Brasilica, 2017, 31, 420-432.	0.8	13
53	Transfer cells in trichomatous nectary in Adenocalymma magnificum (Bignoniaceae). Anais Da Academia Brasileira De Ciencias, 2016, 88, 527-537.	0.8	17
54	Presumed domatia are actually extrafloral nectaries on leaves of Anacardium humile (Anacardiaceae). Rodriguesia, 2016, 67, 19-28.	0.9	9

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55	Structure of the flower ofSimaba(Simaroubaceae) and its anatomical novelties. Botanical Journal of the Linnean Society, 2016, , .	1.6	1
56	Floral Structure and Development Reveal Presence of Petals inPhyllanthusL. (Phyllanthaceae). International Journal of Plant Sciences, 2016, 177, 749-759.	1.3	8
57	Protection and attraction: bracts and secretory structures in reduced inflorescences of Malpighiales. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 220, 52-62.	1.2	29
58	Foliar colleters in Anacardiaceae: first report for the family. Botany, 2016, 94, 337-346.	1.0	19
59	Down-regulation of tomatoPHYTOL KINASEstrongly impairs tocopherol biosynthesis and affects prenyllipid metabolism in an organ-specific manner. Journal of Experimental Botany, 2016, 67, 919-934.	4.8	39
60	Nitric Oxide, Ethylene, and Auxin Cross Talk Mediates Greening and Plastid Development in Deetiolating Tomato Seedlings. Plant Physiology, 2016, 170, 2278-2294.	4.8	63
61	A new species of Anemopaegma (Bignonieae, Bignoniaceae) from the Atlantic Forest of Brazil. Phytotaxa, 2015, 219, 174.	0.3	10
62	Structure and distribution of glandular trichomes in three species of Bignoniaceae. Acta Amazonica, 2015, 45, 347-354.	0.7	5
63	Perfume production in flowers of Angelonia salicariifolia attracts males of Euglossa annectans which do not promote pollination. Apidologie, 2015, 46, 84-91.	2.0	10
64	Calicinal trichomes of Adenocalymma magnificum (Bignoniaceae) producing lipophilic substances: ultrastructural and functional aspects. Revista De Biologia Tropical, 2015, 63, 537.	0.4	1
65	Micromorphology and Histochemistry of the Laticifers from Vegetative Organs of Asclepiadoideae species (Apocynaceae). Acta Biologica Colombiana, 2014, 20, 57-65.	0.4	17
66	Secretory Tissues and the Morphogenesis and Histochemistry of Pollinarium in Flowers of Asclepiadeae (Apocynaceae). International Journal of Plant Sciences, 2014, 175, 1042-1053.	1.3	9
67	Silencing of the tomato Sugar Partitioning Affecting protein (<scp>SPA</scp>) modifies sink strength through a shift in leaf sugar metabolism. Plant Journal, 2014, 77, 676-687.	5.7	28
68	Using leaf anatomy to solve taxonomic problems within the Anemopaegma arvense species complex (Bignonieae, Bignoniaceae). Nordic Journal of Botany, 2014, 32, 620-631.	0.5	10
69	Leaf anatomical features of three Theobroma species (Malvaceae s.l.) native to the Brazilian Amazon. Acta Amazonica, 2014, 44, 291-300.	0.7	5
70	Two laticifer systems in Sapium haematospermum â€" new records for Euphorbiaceae. Botany, 2013, 91, 545-554.	1.0	30
71	Spatial patterns of photosynthesis in thin- and thick-leaved epiphytic orchids: unravelling C3â€"CAM plasticity in an organ-compartmented way. Annals of Botany, 2013, 112, 17-29.	2.9	32
72	Ontogeny, histochemistry, and structure of the glandular trichomes in Bignonia aequinoctialis (Bignoniaceae). Revista Brasileira De Botanica, 2013, 36, 291-297.	1.3	3

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73	Galacturonosyltransferase 4 silencing alters pectin composition and carbon partitioning in tomato. Journal of Experimental Botany, 2013, 64, 2449-2466.	4.8	34
74	Pericarp ontogeny and histochemistry of the exotesta and pseudocaruncle of Euphorbia milii (Euphorbiaceae). Rodriguesia, 2011, 62, 477-489.	0.9	8
75	Evidence of trimonoecy in Phyllanthaceae: Phyllanthus acidus. Plant Systematics and Evolution, 2011, 296, 283-286.	0.9	1
76	Phenolic Compounds in Leaves of Alchornea Triplinervia: Anatomical Localization, Mutagenicity, and Antibacterial Activity. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	6
77	Phenolic compounds in leaves of Alchornea triplinervia: anatomical localization, mutagenicity, and antibacterial activity. Natural Product Communications, 2010, 5, 1225-32.	0.5	5
78	LaticÃferos articulados anastomosados em espÃ©cies de Asclepiadeae (Asclepiadoideae, Apocynaceae) e suas implicaÃ§Ãµes ecolÃ³gicas. Revista Brasileira De Botanica, 2008, 31, 701-713.	1.3	22
79	Phenolic Compounds Produced by Secretory Structures in Plants: A Brief Review. Natural Product Communications, 2008, 3, 1934578X0800300.	0.5	9
80	LaticÃferos articulados anastomosados: novos registros para Apocynaceae. Revista Brasileira De Botanica, 2006, 29, 133-144.	1.3	36
81	Laticifers and Secretory Ducts: Similarities and Differences. , 0, , .		16
82	Fruit morphoanatomy of Astronium Jacq. and Myracrodruon AllemÃ£o (Anacardiaceae): taxonomic implications and development of the calycinal wings. Revista Brasileira De Botanica, 0, , 1.	1.3	4
83	Flower Structure and Development of Spondias tuberosa and Tapirira guianensis (Spondioideae): Implications for the Evolution of the Unisexual Flowers and Pseudomonomery in Anacardiaceae. International Journal of Plant Sciences, 0, , 000-000.	1.3	5
84	Editorial: Diversity and evolution of Neotropical Sapindales. Revista Brasileira De Botanica, 0, , 1.	1.3	0