

Rodrigo Bustos Singer

List of Publications by Citations

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53
papers

944
citations

17
h-index

30
g-index

54
ext. papers

1,076
ext. citations

2.9
avg, IF

4.04
L-index

#	Paper	IF	Citations
53	Dating the origin of the Orchidaceae from a fossil orchid with its pollinator. <i>Nature</i> , 2007 , 448, 1042-5	50.4	197
52	The pollination mechanism in <i>Trigonidium obtusum</i> Lindl (Orchidaceae: Maxillariinae): sexual mimicry and trap-flowers. <i>Annals of Botany</i> , 2002 , 89, 157-63	4.1	72
51	Molecular phylogenetics of <i>Maxillaria</i> and related genera (Orchidaceae: Cymbidieae) based on combined molecular data sets. <i>American Journal of Botany</i> , 2007 , 94, 1860-89	2.7	61
50	Sexual mimicry in <i>Mormolyca ringens</i> (Lindl.) Schltr. (Orchidaceae: Maxillariinae). <i>Annals of Botany</i> , 2004 , 93, 755-62	4.1	59
49	Pollination biology of four sympatric species of <i>Habenaria</i> (Orchidaceae: Orchidinae) from southern Brazil. <i>Botanical Journal of the Linnean Society</i> , 2012 , 170, 141-156	2.2	39
48	Eye Attached Hemipollinaria in the Hawkmoth and Settling Moth Pollination of <i>Habenaria</i> (Orchidaceae): A Study on Functional Morphology in 5 Species from Subtropical South America. <i>Botanica Acta</i> , 1997 , 110, 328-337		39
47	The chemistry of pollination in selected Brazilian Maxillariinae orchids: floral rewards and fragrance. <i>Journal of Chemical Ecology</i> , 2004 , 30, 1045-56	2.7	37
46	Pollination mechanism in southern Brazilian orchids which are exclusively or mainly pollinated by halictid bees. <i>Plant Systematics and Evolution</i> , 1999 , 217, 101-117	1.3	35
45	Pollinarium morphology and floral rewards in Brazilian Maxillariinae (Orchidaceae). <i>Annals of Botany</i> , 2004 , 93, 39-51	4.1	33
44	Pollination of <i>Pteroglossaspis ruwenzoriensis</i> (Rendle) Rolfe (Orchidaceae) by Beetles in Argentina. <i>Botanica Acta</i> , 1997 , 110, 338-342		32
43	Pollination by sexual mimicry in <i>Mormolyca ringens</i> : a floral chemistry that remarkably matches the pheromones of virgin queens of <i>Scaptotrigona</i> sp. <i>Journal of Chemical Ecology</i> , 2006 , 32, 59-70	2.7	29
42	The pollination of <i>Stenorrhynchos lanceolatus</i> (Aublet) L. C. Rich. (Orchidaceae: Spiranthinae) by hummingbirds in southeastern Brazil. <i>Plant Systematics and Evolution</i> , 2000 , 223, 221-227	1.3	28
41	Molecular phylogeny of the neotropical genus <i>Christensonella</i> (Orchidaceae, Maxillariinae): species delimitation and insights into chromosome evolution. <i>Annals of Botany</i> , 2008 , 102, 491-507	4.1	22
40	Flower Morphology and Pollination Mechanism in Three Sympatric Goodyerinae Orchids from Southeastern Brazil. <i>Annals of Botany</i> , 2001 , 88, 989-997	4.1	22
39	Invasive bees promote high reproductive success in Andean orchids. <i>Biological Conservation</i> , 2014 , 175, 10-20	6.2	21
38	Phylogenetic systematics of subtribe Spiranthinae (Orchidaceae: Orchidoideae: Cranichideae) based on nuclear and plastid DNA sequences of a nearly complete generic sample. <i>Botanical Journal of the Linnean Society</i> , 2018 , 186, 273-303	2.2	19
37	Notes on the pollination biology of <i>Notylia nemorosa</i> (Orchidaceae): do pollinators necessarily promote cross pollination?. <i>Journal of Plant Research</i> , 2003 , 116, 19-25	2.6	18

36	Generalized food-deceptive pollination in four <i>Cattleya</i> (Orchidaceae: Laeliinae) species from Southern Brazil. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017 , 234, 195-206	1.9	16
35	ATLANTIC EPIPHYTES: a data set of vascular and non-vascular epiphyte plants and lichens from the Atlantic Forest. <i>Ecology</i> , 2019 , 100, e02541	4.6	15
34	Floral features, pollination biology and breeding system of <i>Chloraea membranacea</i> Lindl. (Orchidaceae: Chloraeinae). <i>Annals of Botany</i> , 2012 , 110, 1607-21	4.1	15
33	A comparative survey of floral characters in <i>Capanemia</i> Barb. Rodr. (Orchidaceae: Oncidiinae). <i>Annals of Botany</i> , 2012 , 109, 135-44	4.1	13
32	Typifications and taxonomic notes in species of Brazilian Goodyerinae and Spiranthinae (Orchidaceae) described by Jos Vellozo and Barbosa Rodrigues. <i>Taxon</i> , 2013 , 62, 609-621	0.8	13
31	The pollination biology of <i>Sauglossum elatum</i> Lindl. (Orchidaceae: Spiranthinae): moth-pollination and protandry in neotropical Spiranthinae. <i>Botanical Journal of the Linnean Society</i> , 2002 , 138, 9-16	2.2	13
30	Typifications and New Synonymies in <i>Capanemia</i> (Orchidaceae, Oncidiinae). <i>Novon</i> , 2011 , 21, 28-33	0.7	12
29	The Pollination Mechanism of Three Sympatric <i>Prescottia</i> (Orchidaceae: Prescottiinae) Species in Southeastern Brazil. <i>Annals of Botany</i> , 2001 , 88, 999-1005	4.1	11
28	Stingless bees: chemical differences and potential functions in <i>Nannotrigona testaceicornis</i> and <i>Plebeia droryana</i> males and workers. <i>Journal of Chemical Ecology</i> , 2009 , 35, 1117-28	2.7	10
27	Molecular phylogenetics and taxonomic revision of <i>Habenaria</i> section <i>Pentadactylae</i> (Orchidaceae, Orchidinae). <i>Botanical Journal of the Linnean Society</i> , 2014 , 175, 47-73	2.2	9
26	A taxonomic synopsis of Brazilian Chloraeinae (Orchidaceae: Orchidoideae). <i>Phytotaxa</i> , 2014 , 158, 1	0.7	7
25	The Chemical Composition of <i>Phymatidium Delicatulum</i> and <i>P. Tillandsioides</i> (Orchidaceae) Floral Oils. <i>Natural Product Communications</i> , 2006 , 1, 1934578X0600100	0.9	7
24	A literature review of the pollination strategies and breeding systems in Oncidiinae orchids. <i>Acta Botanica Brasílica</i> , 2019 , 33, 618-643	1	6
23	<i>Brasiliorchis</i> : A New Genus for the <i>Maxillaria picta</i> Alliance (Orchidaceae, Maxillariinae). <i>Novon</i> , 2007 , 17, 91-99	0.7	5
22	Taxonomic revision of the neotropical genus <i>Christensonella</i> (Maxillariinae, Orchidaceae). <i>Botanical Journal of the Linnean Society</i> , 2012 , 168, 449-472	2.2	4
21	<i>Prescottia ostenii</i> Pabst (Orchidaceae): a new record for Brazil, with a complete morphological description. <i>Kew Bulletin</i> , 2009 , 64, 543-547	0.5	3
20	Evaluation of anti-estrogenic or estrogenic activities of aqueous root extracts of <i>Gunnera manicata</i> L.. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011 , 47, 601-604	1.8	3
19	Pollination biology and reproductive success in four Brazilian species of <i>Gomesa</i> (Orchidaceae: Oncidiinae) : Specific pollinators, but high pollen loss and low fruit set. <i>Plant Species Biology</i> , 2022 , 37, 132-147	1.3	3

18	The genus <i>Bipinnula</i> (Orchidaceae: Chloraeinae) in Argentina. <i>Nordic Journal of Botany</i> , 2015 , 33, 421-431.1	1	2
17	<i>Sinningia lutea</i> (Gesneriaceae), a new species from Southern Brazil. <i>Brittonia</i> , 2012 , 64, 108-113	0.5	2
16	The pollination mechanism in the <i>Belexia</i> alliance (Orchidaceae: Spiranthinae). <i>Botanical Journal of the Linnean Society</i> , 1999 , 131, 249-262	2.2	2
15	Investigaçã da presenã de efedrinas em <i>Ephedra tweediana</i> Fisch & C.A. Meyer e em <i>E. triandra</i> Tul. (Ephedraceae) coletadas em Porto Alegre/RS. <i>Revista Brasileira De Farmacognosia</i> , 2008 , 18, 394-401	2	2
14	Storage of orchid pollinia with varying lipid thermal fingerprints. <i>Protoplasma</i> , 2020 , 257, 1401-1413	3.4	1
13	Found again: the extremely rare <i>Codonorchis canisioi</i> (Orchidaceae: Codonorchideae) reappears after being missing for 78 years. <i>Plant Systematics and Evolution</i> , 2018 , 304, 1157-1163	1.3	1
12	(2036) Proposal to conserve the name <i>Brasiliorchis</i> against <i>Bolbidium</i> (Orchidaceae). <i>Taxon</i> , 2011 , 60, 1774-1775	0.8	1
11	Further Disentangling of a Taxonomic Puzzle: <i>Maxillaria ramosa</i> , <i>Ornithidium pendulum</i> , and a New Species, <i>O. elianae</i> (Orchidaceae). <i>Harvard Papers in Botany</i> , 2008 , 13, 137-154	0.3	1
10	Unveiling the germination requirements for <i>Cereus hildmannianus</i> (Cactaceae), a potential new crop from southern and southeastern Brazil. <i>Acta Botanica Brasílica</i> , 2020 , 34, 765-771	1	1
9	One or two species? Floral characteristics and pollination biology aid in <i>Sinningia</i> (Gesneriaceae) species circumscription. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2020 , 271, 151660	1.9	1
8	Nomenclature and taxonomy of Brazilian <i>Gomesa</i> species (Orchidaceae: Oncidiinae) described by João Barbosa Rodrigues. <i>Taxon</i> , 2018 , 67, 1187-1193	0.8	1
7	Applications of venom biodiversity in agriculture. <i>EFB Bioeconomy Journal</i> , 2021 , 1, 100010		0
6	<i>Capanemia</i> (Oncidiinae): an orchid genus revised and simplified. <i>Plant Systematics and Evolution</i> , 2020 , 306, 1	1.3	
5	Synopsis of <i>Dorstenia</i> (Moraceae) in Rio Grande do Sul, Southern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 925-42	1.4	
4	Taxonomic notes on <i>Lyroglossa</i> and <i>Pteroglossa</i> (Orchidaceae: Spiranthinae): two new generic records for the flora of Rio Grande do Sul. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014 , 86, 821-828	1.4	
3	An alternate technique for isolation of <i>Toxocara canis</i> excretory-secretory antigens. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011 , 47, 119-123	1.8	
2	Taxonomic notes on <i>Lyroglossa</i> and <i>Pteroglossa</i> (Orchidaceae: Spiranthinae): two new generic records for the flora of Rio Grande do Sul. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014 , 86, 821-828	1.4	
1	Müllerian mimicry between oil-producing orchids and Malpighiaceae? An old hypothesis finally tested. <i>Die Naturwissenschaften</i> , 2021 , 109, 3		2

