

Rodrigo Bustos Singer

List of Publications by Year in descending order

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54
papers

1,232
citations

393982

19
h-index

377514

34
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54
all docs

54
docs citations

54
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Dating the origin of the Orchidaceae from a fossil orchid with its pollinator. <i>Nature</i> , 2007, 448, 1042-1045.	13.7	246
2	The Pollination Mechanism in <i>Trigonidium obtusum</i> Lindl (Orchidaceae: Maxillariinae): Sexual Mimicry and Trap-flowers. <i>Annals of Botany</i> , 2002, 89, 157-163.	1.4	88
3	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, 1860-1889.	0.8	78
4	Sexual Mimicry in <i>Mormolyca ringens</i> (Lindl.) Schltr. (Orchidaceae: Maxillariinae). <i>Annals of Botany</i> , 2004, 93, 755-762.	1.4	67
5	The Chemistry of Pollination in Selected Brazilian Maxillariinae Orchids: Floral Rewards and Fragrance. <i>Journal of Chemical Ecology</i> , 2004, 30, 1045-1056.	0.9	51
6	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.	0.8	49
7	Pollinarium Morphology and Floral Rewards in Brazilian Maxillariinae (Orchidaceae). <i>Annals of Botany</i> , 2004, 93, 39-51.	1.4	45
8	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.	1.6	43
9	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.	0.3	42
10	ATLANTIC EPIPHYTES: a data set of vascular and nonvascular epiphyte plants and lichens from the Atlantic Forest. <i>Ecology</i> , 2019, 100, e02541.	1.5	38
11	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.	0.3	34
12	Pollination of <i>Pteroglossaspis ruwenzoriensis</i> (Rendle) Rolfe (Orchidaceae) by Beetles in Argentina. <i>Botanica Acta</i> , 1997, 110, 338-342.	1.6	33
13	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.	0.9	32
14	Flower Morphology and Pollination Mechanism in Three Sympatric Goodyerinae Orchids from Southeastern Brazil. <i>Annals of Botany</i> , 2001, 88, 989-997.	1.4	29
15	Invasive bees promote high reproductive success in Andean orchids. <i>Biological Conservation</i> , 2014, 175, 10-20.	1.9	29
16	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.	1.4	26
17	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.	0.8	25
18	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.	1.2	23

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19	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.	0.6	21
20	The pollination biology of <i>Sauroglossum elatum</i> Lindl. (Orchidaceae: Spiranthinae): moth-pollination and protandry in neotropical Spiranthinae. <i>Botanical Journal of the Linnean Society</i> , 2002, 138, 9-16.	0.8	20
21	Floral features, pollination biology and breeding system of <i>Chloraea membranacea</i> Lindl. (Orchidaceae: Chloraeinae). <i>Annals of Botany</i> , 2012, 110, 1607-1621.	1.4	19
22	The Pollination Mechanism of Three Sympatric <i>Prescottia</i> (Orchidaceae: Prescottiinae) Species in Southeastern Brazil. <i>Annals of Botany</i> , 2001, 88, 999-1005.	1.4	17
23	Typifications and taxonomic notes in species of Brazilian <i>Goodyerinae</i> and <i>Spiranthisinae</i> (Orchidaceae) described by Jos� Vellozo and Barbosa Rodrigues. <i>Taxon</i> , 2013, 62, 609-621.	0.4	17
24	Typifications and New Synonymies in <i>Capanemia</i> (Orchidaceae, Oncidiinae). <i>Novon</i> , 2011, 21, 28-33.	0.3	15
25	A literature review of the pollination strategies and breeding systems in Oncidiinae orchids. <i>Acta Botanica Brasilica</i> , 2019, 33, 618-643.	0.8	15
26	The pollination mechanism in the "Pelexia alliance" (Orchidaceae: Spiranthinae). <i>Botanical Journal of the Linnean Society</i> , 1999, 131, 249-262.	0.8	14
27	<i>Brasiliorchis</i> : A New Genus for the <i>Maxillaria picta</i> Alliance (Orchidaceae, Maxillariinae). <i>Novon</i> , 2007, 17, 91-99.	0.3	13
28	A comparative survey of floral characters in <i>Capanemia</i> Barb. Rodr. (Orchidaceae: Oncidiinae). <i>Annals of Botany</i> , 2012, 109, 135-144.	1.4	13
29	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.	0.8	13
30	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, 1117-1128.	0.9	12
31	The Chemical Composition of <i>Phymatidium Delicatulum</i> and <i>P. Tillandsioides</i> (Orchidaceae) Floral Oils. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	10
32	Taxonomic revision of the neotropical genus <i>Christensonella</i> (Maxillariinae, Orchidaceae). <i>Botanical Journal of the Linnean Society</i> , 2012, 168, 449-472.	0.8	7
33	A taxonomic synopsis of Brazilian Chloraeinae (Orchidaceae: Orchidoideae). <i>Phytotaxa</i> , 2014, 158, 1.	0.1	7
34	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.	0.6	6
35	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.	0.1	5
36	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.	1.2	4

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37	Unveiling the germination requirements for <i>Cereus hildmannianus</i> (Cactaceae), a potential new crop from southern and southeastern Brazil. <i>Acta Botanica Brasilica</i> , 2020, 34, 765-771.	0.8	4
38	<i>Prescottia ostenii</i> Pabst (Orchidaceae): a new record for Brazil, with a complete morphological description. <i>Kew Bulletin</i> , 2009, 64, 543-547.	0.4	3
39	(2036) Proposal to conserve the name <i>Brasiliorchis</i> against <i>Bolbidium</i> (Orchidaceae). <i>Taxon</i> , 2011, 60, 1774-1775.	0.4	3
40	Applications of venom biodiversity in agriculture. <i>EFB Bioeconomy Journal</i> , 2021, 1, 100010.	1.1	3
41	<i>Sinningia lutea</i> (Gesneriaceae), a new species from Southern Brazil. <i>Brittonia</i> , 2012, 64, 108-113.	0.8	2
42	The genus <i>Bipinnula</i> (Orchidaceae: Chloraeinae) in Argentina. <i>Nordic Journal of Botany</i> , 2015, 33, 421-431.	0.2	2
43	Investiga�o da presen�a 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.	0.6	2
44	Efficient pollination and high reproductive success in two Brazilian <i>Spiranthinae</i> orchids: Insights on the evolutionary history of pollination within the <i>Pelexia</i> clade. <i>Plant Species Biology</i> , 2022, 37, 182-196.	0.6	2
45	Nomenclature and taxonomy of Brazilian <i>Gomesa</i> species (Orchidaceae: Oncidiinae) described by Jo�o Barbosa Rodrigues. <i>Taxon</i> , 2018, 67, 1187-1193.	0.4	1
46	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.	0.3	1
47	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.	0.6	1
48	Storage of orchid pollinia with varying lipid thermal fingerprints. <i>Protoplasma</i> , 2020, 257, 1401-1413.	1.0	1
49	M�llerian mimicry between oil-producing orchids and Malpighiaceae? An old hypothesis finally tested. <i>Die Naturwissenschaften</i> , 2022, 109, 3.	0.6	1
50	An alternate technique for isolation of <i>Toxocara canis</i> excretory-secretory antigens. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011, 47, 119-123.	1.2	0
51	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.	0.3	0
52	Synopsis of <i>Dorstenia</i> (Moraceae) in Rio Grande do Sul, Southern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 925-942.	0.3	0
53	<i>Capanemia</i> (Oncidiinae): an orchid genus revised and simplified. <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.3	0
54	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.	0.3	0