

Jörg Schöninger

List of Publications by Year in descending order

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95
papers

3,019
citations

147801

31
h-index

197818

49
g-index

101
all docs

101
docs citations

101
times ranked

3061
citing authors

#	ARTICLE	IF	CITATIONS
1	Population structure in Neotropical plants: Integrating pollination biology, topography and climatic niches. <i>Molecular Ecology</i> , 2022, 31, 2264-2280.	3.9	10
2	Chemical Attraction of Gall Midge Pollinators (Cecidomyiidae: Cecidomyiinae) to <i>Anthurium acutangulum</i> (Araceae). <i>Journal of Chemical Ecology</i> , 2022, 48, 263-269.	1.8	4
3	A comparative approach reveals diversity of floral developmental processes in Urticaceae. <i>Botanical Journal of the Linnean Society</i> , 2022, 200, 465-490.	1.6	2
4	Red and white clover provide food resources for honeybees and wild bees in urban environments. <i>Nordic Journal of Botany</i> , 2021, 39, .	0.5	9
5	Global patterns and a latitudinal gradient of flower disparity: perspectives from the angiosperm order Ericales. <i>New Phytologist</i> , 2021, 230, 821-831.	7.3	18
6	Low bee visitation rates explain pollinator shifts to vertebrates in tropical mountains. <i>New Phytologist</i> , 2021, 231, 864-877.	7.3	27
7	Stamen dimorphism in bird-pollinated flowers: Investigating alternative hypotheses on the evolution of heteranthy. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2589-2599.	2.3	10
8	Dissecting Metabolism of Leaf Nodules in <i>Ardisia crenata</i> and <i>Psychotria punctata</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 683671.	3.5	8
9	Evidence for selectively constrained 3D flower shape evolution in a Late Miocene clade of Malagasy <i>Bulbophyllum</i> orchids. <i>New Phytologist</i> , 2021, 232, 853-867.	7.3	5
10	Three-dimensional X-ray-computed tomography of 3300 to 6000-year-old <i>Citrullus</i> seeds from Libya and Egypt compared to extant seeds throws doubts on species assignments. <i>Plants People Planet</i> , 2021, 3, 694-702.	3.3	3
11	Floral morphogenesis of <i>Celtis</i> species: implications for breeding system and reduced floral structure. <i>American Journal of Botany</i> , 2021, 108, 1595-1611.	1.7	2
12	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
13	Modularity and evolution of flower shape: the role of function, development, and spandrels in <i>Erica</i> . <i>New Phytologist</i> , 2020, 226, 267-280.	7.3	32
14	Phylogenetic analysis of fossil flowers using an angiosperm-wide data set: proof of concept and challenges ahead. <i>American Journal of Botany</i> , 2020, 107, 1433-1448.	1.7	24
15	From the Soft to the Hard: Changes in Microchemistry During Cell Wall Maturation of Walnut Shells. <i>Frontiers in Plant Science</i> , 2020, 11, 466.	3.6	24
16	Comparative floral development reveals novel aspects of structure and diversity of flowers in Cannabaceae. <i>Botanical Journal of the Linnean Society</i> , 2020, 193, 64-83.	1.6	20
17	Floral Evolution: Breeding Systems, Pollinators, and Beyond. <i>International Journal of Plant Sciences</i> , 2019, 180, 929-933.	1.3	2
18	Orthologous nuclear markers and new transcriptomes that broadly cover the phylogenetic diversity of Acanthaceae. <i>Applications in Plant Sciences</i> , 2019, 7, e11290.	2.1	4

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19	Unraveling the Developmental and Genetic Mechanisms Underpinning Floral Architecture in Proteaceae. <i>Frontiers in Plant Science</i> , 2019, 10, 18.	3.6	17
20	Bimodal Pollination Systems in Andean Melastomataceae Involving Birds, Bats, and Rodents. <i>American Naturalist</i> , 2019, 194, 104-116.	2.1	47
21	Modularity increases rate of floral evolution and adaptive success for functionally specialized pollination systems. <i>Communications Biology</i> , 2019, 2, 453.	4.4	37
22	Beyond buzz-pollination – departures from an adaptive plateau lead to new pollination syndromes. <i>New Phytologist</i> , 2019, 221, 1136-1149.	7.3	61
23	Emergence of a floral colour polymorphism by pollinator-mediated overdominance. <i>Nature Communications</i> , 2019, 10, 63.	12.8	45
24	Floral uniformity through evolutionary time in a species-rich tree lineage. <i>New Phytologist</i> , 2019, 221, 1597-1608.	7.3	36
25	Challenges and questions in reconstructing the ancestral flower of angiosperms: A reply to Sokoloff et al.. <i>American Journal of Botany</i> , 2018, 105, 127-135.	1.7	21
26	Novel computed tomography-based tools reliably quantify plant reproductive investment. <i>Journal of Experimental Botany</i> , 2018, 69, 525-535.	4.8	36
27	Deciphering the complex architecture of an herb using micro-computed X-ray tomography, with an illustrated discussion on architectural diversity of herbs. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 145-157.	1.6	3
28	Gynoecium and Fruit Development in <i>Heliotropium Sect. Heliothamnus</i> (Heliotropiaceae). <i>International Journal of Plant Sciences</i> , 2018, 179, 275-286.	1.3	13
29	Phylogeny, historical biogeography, and diversification of angiosperm order Ericales suggest ancient Neotropical and East Asian connections. <i>Molecular Phylogenetics and Evolution</i> , 2018, 122, 59-79.	2.7	92
30	Ontogeny and Vascularization Elucidate the Atypical Floral Structure of <i>Ampelocera glabra</i> , a Tropical Species of Ulmaceae. <i>International Journal of Plant Sciences</i> , 2018, 179, 461-476.	1.3	13
31	The short life of the Hoyle organ of <i>Sepia officinalis</i> : formation, differentiation and degradation by programmed cell death. <i>Hydrobiologia</i> , 2018, 808, 35-55.	2.0	7
32	Functional Diversity of Nectary Structure and Nectar Composition in the Genus <i>Fritillaria</i> (Liliaceae). <i>Frontiers in Plant Science</i> , 2018, 9, 1246.	3.6	26
33	Testing the impact of morphological rate heterogeneity on ancestral state reconstruction of five floral traits in angiosperms. <i>Scientific Reports</i> , 2018, 8, 9473.	3.3	19
34	Transmission of fungal partners to incipient <i>Cecropia</i> -tree ant colonies. <i>PLoS ONE</i> , 2018, 13, e0192207.	2.5	26
35	A perfume-collecting male oil bee? Evidences of a novel pollination system involving <i>Anthurium acutifolium</i> (Araceae) and <i>Paratetrapedia chocoensis</i> (Apidae, Tapinotaspidini). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 232, 7-15.	1.2	12
36	Differences in meristem size and expression of branching genes are associated with variation in panicle phenotype in wild and domesticated African rice. <i>EvoDevo</i> , 2017, 8, 2.	3.2	14

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37	How (much) do flowers vary? Unbalanced disparity among flower functional modules and a mosaic pattern of morphospace occupation in the order Ericales. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170066.	2.6	35
38	The ancestral flower of angiosperms and its early diversification. Nature Communications, 2017, 8, 16047.	12.8	259
39	Partner choice through concealed floral sugar rewards evolved with the specialization of ant-plant mutualisms. New Phytologist, 2016, 211, 1358-1370.	7.3	29
40	Early floral development and androecium organization in the sarracenioid clade (Actinidiaceae). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 295-318.	1.6	8
41	The evolution of afro-montane <i>Delphinium</i> (Ranunculaceae): Morphospecies, phylogenetics and biogeography. Taxon, 2016, 65, 1313-1327.	0.7	19
42	Spine Formation as a Hatching Tool in <i>Euprymna scolopes</i> (Mollusca, Cephalopoda, Sepiolidae). Malacologia, 2016, 59, 231-238.	0.4	2
43	Ant-cultivated Chaetothyriales in hollow stems of myrmecophytic <i>Cecropia</i> sp. trees - diversity and patterns. Fungal Ecology, 2016, 23, 131-140.	1.6	24
44	Nocturnal Plant Bugs Use cis-Jasmone to Locate Inflorescences of an Araceae as Feeding and Mating Site. Journal of Chemical Ecology, 2016, 42, 300-304.	1.8	31
45	Floral diversity and pollination strategies of three rheophytic Schismatoglottideae (Araceae). Plant Biology, 2016, 18, 84-97.	3.8	11
46	Floral traits and pollination ecology of European Arum hybrids. Oecologia, 2016, 180, 439-451.	2.0	13
47	Comparative floral structure and systematics in the sarracenioid clade (Actinidiaceae, Roridulaceae) Tj ETQq1 1 0.784314 rgBT /Overlock 1.6 15	1.6	15
48	Molecular phylogenetics and floral evolution in the sarracenioid clade (Actinidiaceae, Roridulaceae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0.7 10	0.7	10
49	Alterations in the mantle epithelium during transition from hatching gland to adhesive organ of <i>Idiosepius pygmaeus</i> (Mollusca, Cephalopoda). Mechanisms of Development, 2015, 135, 43-57.	1.7	2
50	High Diversity and Low Specificity of Chaetothyrialean Fungi in Carton Galleries in a Neotropical Ant-Plant Association. PLoS ONE, 2014, 9, e112756.	2.5	36
51	Genic rather than genome-wide differences between sexually deceptive <i>Scaphyophrys</i> orchids with different pollinators. Molecular Ecology, 2014, 23, 6192-6205.	3.9	52
52	Metabolism and development - integration of micro computed tomography data and metabolite profiling reveals metabolic reprogramming from floral initiation to silique development. New Phytologist, 2014, 202, 322-335.	7.3	40
53	Early floral development of Pentaphragaceae (Ericales) and its systematic implications. Plant Systematics and Evolution, 2014, 300, 1547-1560.	0.9	8
54	Floral structure and development in Rafflesiaceae with emphasis on their exceptional gynoecea. American Journal of Botany, 2014, 101, 225-243.	1.7	24

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55	The floral morphospace â€“ a modern comparative approach to study angiosperm evolution. <i>New Phytologist</i> , 2014, 204, 841-853.	7.3	64
56	A Specialized Bird Pollination System with a Bellows Mechanism for Pollen Transfer and Staminal Food Body Rewards. <i>Current Biology</i> , 2014, 24, 1615-1619.	3.9	46
57	Hatching glands in cephalopods â€“ A comparative study. <i>Zoologischer Anzeiger</i> , 2013, 253, 66-82.	0.9	8
58	Comparative floral structure and systematics in the balsaminoid clade including Balsaminaceae, Marcgraviaceae and Tetrameristaceae (Ericales). <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 325-386.	1.6	19
59	Phylogenetic Relationships among Endemic Hawaiian <i>Lysimachia</i> (Ericales: Primulaceae): Insights from Nuclear and Chloroplast DNA Sequence Data. <i>Pacific Science</i> , 2013, 67, 237-251.	0.6	5
60	Asterids. <i>Botanical Journal of the Linnean Society</i> , 2013, 173, 321-324.	1.6	5
61	Plant Tissues in 3D via X-Ray Tomography: Simple Contrasting Methods Allow High Resolution Imaging. <i>PLoS ONE</i> , 2013, 8, e75295.	2.5	149
62	Histological and Micro-CT Evidence of Stigmatic Rostellum Receptivity Promoting Auto-Pollination in the Madagascan Orchid <i>Bulbophyllum bicoloratum</i> . <i>PLoS ONE</i> , 2013, 8, e72688.	2.5	19
63	<i>Glandulocalyx upatoiensis</i> , a fossil flower of Ericales (Actinidiaceae/Clethraceae) from the Late Cretaceous (Santonian) of Georgia, USA. <i>Annals of Botany</i> , 2012, 109, 921-936.	2.9	38
64	Modern plant morphological studies. <i>Botanical Journal of the Linnean Society</i> , 2012, 169, 565-568.	1.6	11
65	Comparative Floral Development and Structure of the Black Mangrove Genus <i>Avicennia</i> L. and Related Taxa in the Acanthaceae. <i>International Journal of Plant Sciences</i> , 2011, 172, 330-344.	1.3	17
66	Diversity and evolution of floral structure among early diverging lineages in the Ericales. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 437-448.	4.0	35
67	Comparative Floral Structure and Systematics of Fouquieriaceae and Polemoniaceae (Ericales). <i>International Journal of Plant Sciences</i> , 2009, 170, 1132-1167.	1.3	28
68	Floral Structure and Organization in Platanaceae. <i>International Journal of Plant Sciences</i> , 2009, 170, 210-225.	1.3	29
69	Comparative seed morphology and character evolution in the genus <i>Lysimachia</i> (Myrsinaceae) and related taxa. <i>Plant Systematics and Evolution</i> , 2008, 271, 177-197.	0.9	25
70	In Search of the Earliest Flowers: Introduction. <i>International Journal of Plant Sciences</i> , 2008, 169, 815-815.	1.3	1
71	Molecular phylogenetics and morphological evolution of Thunbergioideae (Acanthaceae). <i>Taxon</i> , 2008, 57, 811-822.	0.7	34
72	The role of wood anatomy in phylogeny reconstruction of Ericales. <i>Cladistics</i> , 2007, 23, 229-294.	3.3	40

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73	Reproductive structures and phylogenetic framework of the rosids - progress and prospects. <i>Plant Systematics and Evolution</i> , 2006, 260, 87.	0.9	33
74	Normapolles plants: a prominent component of the Cretaceous rosid diversification. <i>Plant Systematics and Evolution</i> , 2006, 260, 107.	0.9	63
75	Structure and evolution of the androecium in the Malvaceae clade (Malvaceae s.l.) and implications for Malvaceae and Malvales. <i>Plant Systematics and Evolution</i> , 2006, 260, 171.	0.9	31
76	Late Cretaceous follicular fruits from southern Sweden with systematic affinities to early diverging eudicots. <i>Botanical Journal of the Linnean Society</i> , 2005, 148, 377-407.	1.6	10
77	Early floral development and androecium organization in Fouquieriaceae (Ericales). <i>Plant Systematics and Evolution</i> , 2005, 254, 233-249.	0.9	28
78	Molecular Phylogenetics and Patterns of Floral Evolution in the Ericales. <i>International Journal of Plant Sciences</i> , 2005, 166, 265-288.	1.3	126
79	Rise from the ashes – the reconstruction of charcoal fossil flowers. <i>Trends in Plant Science</i> , 2005, 10, 436-443.	8.8	30
80	Did Crypteroniaceae Really Disperse Out of India? Molecular Dating Evidence from <i>rbcL</i> , <i>ndhF</i> , and <i>rpl16</i> Intron Sequences. <i>International Journal of Plant Sciences</i> , 2004, 165, S69-S83.	1.3	58
81	Comparative Floral Development and Androecium Structure in Malvoideae (Malvaceae s.l.). <i>International Journal of Plant Sciences</i> , 2004, 165, 445-473.	1.3	29
82	<i>Endressianthus</i> , a New Normapolles-Producing Plant Genus of Fagalean Affinity from the Late Cretaceous of Portugal. <i>International Journal of Plant Sciences</i> , 2003, 164, S201-S223.	1.3	49
83	Molecular phylogeny and floral evolution of Penaeaceae, Oliniaceae, Rhynchocalycaceae, and Alzateaceae (Myrtales). <i>American Journal of Botany</i> , 2003, 90, 293-309.	1.7	70
84	Flowers – Diversity, Development, and Evolution: Introduction. <i>International Journal of Plant Sciences</i> , 2003, 164, S197-S199.	1.3	2
85	EARLY TERTIARY OUT-OF-INDIA DISPERSAL OF CRYPTERONIACEAE: EVIDENCE FROM PHYLOGENY AND MOLECULAR DATING. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1931.	2.3	56
86	EARLY TERTIARY OUT-OF-INDIA DISPERSAL OF CRYPTERONIACEAE: EVIDENCE FROM PHYLOGENY AND MOLECULAR DATING. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1931-1942.	2.3	159
87	Cunoniaceae in the Cretaceous of Europe: Evidence from Fossil Flowers. <i>Annals of Botany</i> , 2001, 88, 423-437.	2.9	52
88	A Comparison of Floral Structures of Anisophylleaceae and Cunoniaceae and the Problem of their Systematic Position. <i>Annals of Botany</i> , 2001, 88, 439-455.	2.9	47
89	Normapolles flowers of fagalean affinity from the Late Cretaceous of Portugal. <i>Plant Systematics and Evolution</i> , 2001, 226, 205-230.	0.9	46
90	Fossil flowers of ericalean affinity from the Late Cretaceous of Southern Sweden. <i>American Journal of Botany</i> , 2001, 88, 467-480.	1.7	53

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91	Floral structure, development and diversity in <i>Thunbergia</i> (Acanthaceae). <i>Botanical Journal of the Linnean Society</i> , 1999, 130, 1-36.	1.6	21
92	Floral structure, development and diversity in <i>Thunbergia</i> (Acanthaceae). <i>Botanical Journal of the Linnean Society</i> , 1999, 130, 1-36.	1.6	10
93	Structure and Development of the Flowers in <i>Mendoncia</i> , <i>Pseudocalyx</i> , and <i>Thunbergia</i> (Acanthaceae) and Their Systematic Implications. <i>International Journal of Plant Sciences</i> , 1998, 159, 446-465.	1.3	40
94	Comparative Pollination Ecology of Five European <i>Euphorbia</i> Species. <i>International Journal of Plant Sciences</i> , 0, , 000-000.	1.3	5
95	A multicarpellate fruit from Late Cretaceous sediments of South Bohemia, Czech Republic. <i>Palaeontologia Electronica</i> , 0, , .	0.9	0