Hanno Schaefer

List of Publications by Year
in descending order

64 papers	3,920 citations	201385 27 h-index	128067 60 g-index
65 all docs	65 docs citations	65 times ranked	5259 citing authors

#	Article	IF	Citations
1	Cucumber (Cucumis sativus) and melon (C. melo) have numerous wild relatives in Asia and Australia, and the sister species of melon is from Australia. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14269-14273.	3.3	351
2	Phylogenomics and a posteriori data partitioning resolve the Cretaceous angiosperm radiation Malpighiales. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17519-17524.	3.3	305
3	Gourds afloat: a dated phylogeny reveals an Asian origin of the gourd family (Cucurbitaceae) and numerous oversea dispersal events. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 843-851.	1.2	265
4	Legume Crops Phylogeny and Genetic Diversity for Science and Breeding. Critical Reviews in Plant Sciences, 2015, 34, 43-104.	2.7	248
5	Phylogenetic relationships in the order Cucurbitales and a new classification of the gourd family (Cucurbitaceae). Taxon, 2011, 60, 122-138.	0.4	192
6	Systematics, biogeography, and character evolution of the legume tribe Fabeae with special focus on the middle-Atlantic island lineages. BMC Evolutionary Biology, 2012, 12, 250.	3.2	164
7	A multi-locus chloroplast phylogeny for the Cucurbitaceae and its implications for character evolution and classification. Molecular Phylogenetics and Evolution, 2007, 44, 553-577.	1.2	163
8	A comprehensive genome variation map of melon identifies multiple domestication events and loci influencing agronomic traits. Nature Genetics, 2019, 51, 1607-1615.	9.4	153
9	A three-genome phylogeny of Momordica (Cucurbitaceae) suggests seven returns from dioecy to monoecy and recent long-distance dispersal to Asia. Molecular Phylogenetics and Evolution, 2010, 54, 553-560.	1.2	150
10	Temperatureâ€dependent shifts in phenology contribute to the success of exotic species with climate change. American Journal of Botany, 2013, 100, 1407-1421.	0.8	140
11	Origin and domestication of Cucurbitaceae crops: insights from phylogenies, genomics and archaeology. New Phytologist, 2020, 226, 1240-1255.	3.5	134
12	Cyclic Peptides Arising by Evolutionary Parallelism via Asparaginyl-Endopeptidaseâ€“Mediated Biosynthesis. Plant Cell, 2012, 24, 2765-2778.	3.1	129
13	Testing Darwinâ€™s naturalization hypothesis in the Azores. Ecology Letters, 2011, 14, 389-396.	3.0	127
14	Phylogenetics of Cucumis (Cucurbitaceae): Cucumber (C. sativus) belongs in an Asian/Australian clade far from melon (C. melo). BMC Evolutionary Biology, 2007, 7, 58.	3.2	125
15	Evolutionary dynamics of host specialization in wood-decay fungi. BMC Evolutionary Biology, 2018, 18, 119.	3.2	104
16	The Azores diversity enigma: why are there so few Azorean endemic flowering plants and why are they so widespread?. Journal of Biogeography, 2010, 37, 77-89.	1.4	86
17	Long-term morphological stasis maintained by a plantâ€“pollinator mutualism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5914-5919.	3.3	83
18	Global Island Monitoring Scheme (GIMS): a proposal for the long-term coordinated survey and monitoring of native island forest biota. Biodiversity and Conservation, 2018, 27, 2567-2586.	1.2	72

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19	The Linnean shortfall in oceanic island biogeography: a case study in the Azores. Journal of Biogeography, 2011, 38, 1345-1355.	1.4	67
20	Changes in the dominant assembly mechanism drive species loss caused by declining resources. Ecology Letters, 2016, 19, 163-170.	3.0	60
21	The anagenetic world of sporeâ€producing land plants. New Phytologist, 2014, 201, 305-311.	3.5	59
22	Repeated domestication of melon (Cucumis melo) in Africa and Asia and a new close relative from India. American Journal of Botany, 2018, 105, 1662-1671.	0.8	59
23	A phylogeny of the oil bee tribe Ctenoplectrini (Hymenoptera: Anthophila) based on mitochondrial and nuclear data: Evidence for Early Eocene divergence and repeated out-of-Africa dispersal. Molecular Phylogenetics and Evolution, 2008, 47, 799-811.	1.2	52
24	Hawk-moth pollination and elaborate petals in Cucurbitaceae: The case of the Caribbean endemic Linnaeosicyos amara. Flora: Morphology, Distribution, Functional Ecology of Plants, 2015, 216, 50-56.	0.6	34
25	European mushroom assemblages are darker in cold climates. Nature Communications, 2019, 10, 2890.	5.8	34
26	Macaronesia as a Fruitful Arena for Ecology, Evolution, and Conservation Biology. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	33
27	Peer review delay and selectivity in ecology journals. Scientometrics, 2010, 84, 307-315.	1.6	32
28	Cucumis (Cucurbitaceae) must include Cucumella, Dicoelospermum, Mukia, Myrmecosicyos, and Oreosyce: a recircumscription based on nuclear and plastid DNA data. Blumea: Journal of Plant Taxonomy and Plant Geography, 2007, 52, 165-177.	0.1	29
29	Phylogeny and Evolution of the Cucurbitaceae. Plant Genetics and Genomics: Crops and Models, 2016, , 13-23.	0.3	28
30	Evolution and loss of long-fringed petals: a case study using a dated phylogeny of the snake gourds, Trichosanthes (Cucurbitaceae). BMC Evolutionary Biology, 2012, 12, 108.	3.2	26
31	The Evolution ofMomordicaCyclic Peptides. Molecular Biology and Evolution, 2015, 32, 392-405.	3.5	26
32	Rare species, functional groups, and evolutionary lineages drive successional trajectories in disturbed forests. Ecology, 2020, 101, e02949.	1.5	26
33	Darwinâ€™s Galapagos gourd: providing new insights 175â€ƒyears after his visit. Journal of Biogeography, 2010, 37, 975-978.	1.4	24
34	Enhancing photosynthesis at high light levels by adaptive laboratory evolution. Nature Plants, 2021, 7, 681-695.	4.7	24
35	Colonization and diversification shape speciesâ€“area relationships in three Macaronesian archipelagos. Journal of Biogeography, 2018, 45, 2027-2039.	1.4	23
36	<I>Linnaeosicyos</I> (Cucurbitaceae): a New Genus for <I>Trichosanthes amara</I>, the Caribbean Sister Species of all Sicyeae. Systematic Botany, 2008, 33, 349-355.	0.2	22

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37	Radiation following longâ€distance dispersal: the contributions of time, opportunity and diaspore morphology in Sicyos (Cucurbitaceae). Journal of Biogeography, 2012, 39, 1427-1438.	1.4	22
38	A Gift from the New World? The West African Crop <I>Cucumeropsis mannii</I> and the American <I>Posadaea sphaerocarpa</I> (Cucurbitaceae) are the Same Species. Systematic Botany, 2010, 35, 534-540.	0.2	20
39	Revisiting <I>Luffa</I> (Cucurbitaceae) 25 Years After C. Heiser: Species Boundaries and Application of Names Tested with Plastid and Nuclear DNA Sequences. Systematic Botany, 2014, 39, 205-215.	0.2	20
40	Austrobryonia (Cucurbitaceae), a New Australian Endemic Genus, is the Closest Living Relative to the Eurasian and Mediterranean Bryonia and Ecballium. Systematic Botany, 2008, 33, 125-132.	0.2	17
41	An Ancient Peptide Family Buried within Vicilin Precursors. ACS Chemical Biology, 2019, 14, 979-993.	1.6	17
42	Phylogenetic informativeness analyses to clarify past diversification processes in Cucurbitaceae. Scientific Reports, 2020, 10, 488.	1.6	17
43	The transition to selfing in Azorean Tolpis (Asteraceae). Plant Systematics and Evolution, 2019, 305, 305-317.	0.3	16
44	Biogeographic ranges do not support niche theory in radiating <scp>C</scp>anary <scp>I</scp>sland plant clades. Global Ecology and Biogeography, 2016, 25, 792-804.	2.7	15
45	Bees of the Azores: an annotated checklist (Apidae, Hymenoptera). ZooKeys, 2017, 642, 63-95.	0.5	14
46	Evolution: Pollen or PollinatorsÂâ€”ÂWhich Came First?. Current Biology, 2013, 23, R316-R318.	1.8	12
47	A new Australian species of Luffa (Cucurbitaceae) and typification of two Australian Cucumis names, all based on specimens collected by Ferdinand Mueller in 1856. PhytoKeys, 2011, 5, 21.	0.4	10
48	Phylogeny of Zehneria (Cucurbitaceae) with special focus on Asia. Taxon, 2018, 67, 55-65.	0.4	10
49	The Relationship Between Anisosperma and Fevillea (Cucurbitaceae), and a New Species of Fevillea from Bolivia. Systematic Botany, 2009, 34, 704-708.	0.2	9
50	Phylogeography of the Macaronesian Lettuce Species Lactuca watsoniana and L. palmensis (Asteraceae). Biochemical Genetics, 2018, 56, 315-340.	0.8	9
51	Morphological and Molecular Characterization of Zanthoxylum zanthoxyloides (Rutaceae) from Burkina Faso. Plants, 2019, 8, 353.	1.6	9
52	Biogeography and integrative taxonomy of Epipterygium (Mniaceae, Bryophyta). Taxon, 2020, 69, 1150-1171.	0.4	9
53	Is there solid evidence of widespread landscape disturbance in the Azores before the arrival of the Portuguese?. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	7
54	On the structural and species diversity effects of bark beetle disturbance in forests during initial and advanced early-seral stages at different scales. European Journal of Forest Research, 2017, 136, 357-373.	1.1	6

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55	Indofevillea Jiroi (Cucurbitaceae), a New Floral Oil Producing Species from Northeastern Myanmar. Harvard Papers in Botany, 2012, 17, 323-332.	0.1	4
56	Putting biogeographyâ€™s cart back behind taxonomyâ€™s horse: a response to Triantis etÂal.. Journal of Biogeography, 2012, 39, 1184-1187.	1.4	3
57	Dispersal syndromes are poorly associated with climatic niche differences in the Azorean seed plants. Journal of Biogeography, 2021, 48, 2275-2285.	1.4	3
58	Melothria domingensis (Cucurbitaceae), an endangered Caribbean endemic, is a Cayaponia. PhytoKeys, 2012, 18, 45-60.	0.4	2
59	Zehneria palmatiloba, a new species of Cucurbitaceae from Atlantic Central Africa. Phytotaxa, 2021, 496, 170-178.	0.1	2
60	Mycorrhizal status is a poor predictor of the distribution of herbaceous species along the gradient of soil nutrient availability in coastal and grassland habitats. Mycorrhiza, 2021, 31, 577-587.	1.3	2
61	Momordica mossambicasp. nov. (Cucurbitaceae) from miombo woodland in northern Mozambique. Nordic Journal of Botany, 2009, 27, 359-361.	0.2	1
62	The Namib-Thar Desert Disjunction in Dactyliandra (Cucurbitaceae) is the Result of a Recent Introduction to India. Systematic Botany, 2017, 42, 63-72.	0.2	1
63	Systematics of the Giant Sedges of Carex Sect. Rhynchocystis (Cyperaceae) in Macaronesia with Description of Two New Species. Systematic Botany, 2021, 46, 304-320.	0.2	1
64	Tecunumania stothertiae (Cucurbitaceae): a new species from western Ecuador and a new generic record for South America . Phytotaxa, 2020, 446, 199-204.	0.1	0