

Gao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

841
citations

516710

16
h-index

526287

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47
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47
docs citations

47
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Conserving plant species with extremely small populations (PESP) in China. <i>Biodiversity and Conservation</i> , 2013, 22, 803-809.	2.6	131
2	The role of botanical gardens in scientific research, conservation, and citizen science. <i>Plant Diversity</i> , 2018, 40, 181-188.	3.7	76
3	Phylogeography of <i>Buddleja crispa</i> (Buddlejaceae) and its correlation with drainage system evolution in southwestern China. <i>American Journal of Botany</i> , 2012, 99, 1726-1735.	1.7	57
4	China's conservation program on Plant Species with Extremely Small Populations (PESP): Progress and perspectives. <i>Biological Conservation</i> , 2020, 244, 108535.	4.1	51
5	A new pollinating seed-consuming mutualism between <i>Rheum nobile</i> and a fly fungus gnat, <i>Bradysia</i> sp., involving pollinator attraction by a specific floral compound. <i>New Phytologist</i> , 2014, 203, 1109-1118.	7.3	45
6	Ploidy variation in <i>Buddleja</i> L. (Buddlejaceae) in the Sino-Himalayan region and its biogeographical implications. <i>Botanical Journal of the Linnean Society</i> , 2007, 154, 305-312.	1.6	43
7	Mimicking Livor Mortis: a Well-Known but Unsubstantiated Color Profile in Sapromyophily. <i>Journal of Chemical Ecology</i> , 2015, 41, 808-815.	1.8	38
8	Reproductive biology of <i>Magnolia sinica</i> (Magnoliaceae), a threatened species with extremely small populations in Yunnan, China. <i>Plant Diversity</i> , 2016, 38, 253-258.	3.7	29
9	Spore Dispersal of Fetid <i>Lysurus mokusini</i> by Feces of Mycophagous Insects. <i>Journal of Chemical Ecology</i> , 2014, 40, 893-899.	1.8	24
10	Pollination and seed dispersal of <i>Aquilaria sinensis</i> (Lour.) Gilg (Thymelaeaceae): An economic plant species with extremely small populations in China. <i>Plant Diversity</i> , 2016, 38, 227-232.	3.7	24
11	Floral characteristics and pollination ecology of <i>Manglietia ventii</i> (Magnoliaceae), a plant species with extremely small populations (PESP) endemic to South Yunnan of China. <i>Plant Diversity</i> , 2017, 39, 52-59.	3.7	23
12	Hydrocarbons mediate seed dispersal: a new mechanism of vespicochory. <i>New Phytologist</i> , 2018, 220, 714-725.	7.3	22
13	Rescuing <i>Magnolia sinica</i> (Magnoliaceae), a Critically Endangered species endemic to Yunnan, China. <i>Oryx</i> , 2016, 50, 446-449.	1.0	20
14	Conserving threatened widespread species: a case study using a traditional medicinal plant in Asia. <i>Biodiversity and Conservation</i> , 2019, 28, 213-227.	2.6	20
15	Floral scents of typical <i>Buddleja</i> species with different pollination syndromes. <i>Biochemical Systematics and Ecology</i> , 2012, 44, 173-178.	1.3	18
16	Characterization of the Complete Chloroplast Genomes of <i>Buddleja colvillei</i> and <i>B. sessilifolia</i> : Implications for the Taxonomy of <i>Buddleja</i> L.. <i>Molecules</i> , 2018, 23, 1248.	3.8	17
17	Semen-Like Floral Scents and Pollination Biology of a Sapromyophilous Plant <i>Stemona japonica</i> (Stemonaceae). <i>Journal of Chemical Ecology</i> , 2015, 41, 244-252.	1.8	16
18	Morphological characteristics of leaf epidermis and size variation of leaf, flower and fruit in different ploidy levels in <i>Buddleja macrostachya</i> (Buddlejaceae). <i>Journal of Systematics and Evolution</i> , 2009, 47, 231-236.	3.1	15

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19	Seed dispersal by hornets: An unusual insect-plant mutualism. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 792-796.	8.5	14
20	A phytochemical investigation of <i>Stemona parviflora</i> roots reveals several compounds with nematocidal activity. <i>Phytochemistry</i> , 2019, 159, 208-215.	2.9	14
21	Inflorescence scent, color, and nectar properties of "butterfly bush" (<i>Buddleja davidii</i>) in its native range. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 172-178.	1.2	13
22	Genetic diversity and structure of the endemic and endangered species <i>Aristolochia delavayi</i> growing along the Jinsha River. <i>Plant Diversity</i> , 2021, 43, 225-233.	3.7	13
23	Natural hybridization and asymmetric introgression at the distribution margin of two <i>Buddleja</i> species with a large overlap. <i>BMC Plant Biology</i> , 2015, 15, 146.	3.6	12
24	Chemical composition of diaspores of the myrmecochorous plant <i>Stemona tuberosa</i> Lour. <i>Biochemical Systematics and Ecology</i> , 2016, 64, 31-37.	1.3	11
25	Case study of building of conservation coalitions to conserve ecological interactions. <i>Conservation Biology</i> , 2015, 29, 1527-1536.	4.7	10
26	Genetic diversity and population structure of <i>Amorphophallus albus</i> , a plant species with extremely small populations (PSESP) endemic to dry-hot valley of Jinsha River. <i>BMC Genetics</i> , 2020, 21, 102.	2.7	10
27	Ploidy variation in <i>Trigonobalanus verticillata</i> (Fagaceae). <i>Plant Systematics and Evolution</i> , 2010, 284, 123-127.	0.9	9
28	Genetic diversity and population structure of <i>Buddleja crispa</i> Benth in the Himalaya-Hengduan Mountains region revealed by AFLP. <i>Biochemical Systematics and Ecology</i> , 2015, 58, 13-20.	1.3	9
29	Variation in floral characters, particularly floral scent, in sapromyophilous <i>Stemona</i> species. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 825-839.	8.5	9
30	<i>Buddleja davidii</i> and <i>Buddleja yunnanensis</i> : Exploring features associated with commonness and rarity in <i>Buddleja</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 892-895.	1.2	8
31	In-situ and ex situ pollination biology of the four threatened plant species and the significance for conservation. <i>Biodiversity and Conservation</i> , 2020, 29, 381-391.	2.6	7
32	Genetic diversity and population structure of <i>Hibiscus aridicola</i> , an endangered ornamental species in dry-hot valleys of Jinsha River. <i>Plant Diversity</i> , 2019, 41, 300-306.	3.7	6
33	Genetic diversity of <i>Stemona parviflora</i> : A threatened myrmecochorous medicinal plant in China. <i>Biochemical Systematics and Ecology</i> , 2017, 71, 193-199.	1.3	5
34	Invertebrate-mediated dispersal plays an important role in shaping the current distribution of a herbaceous monocot. <i>Journal of Biogeography</i> , 2021, 48, 1101-1111.	3.0	5
35	Comparison of floral properties and breeding system in dimorphic <i>Buddleja delavayi</i> (<i>Scrophulariaceae</i>). <i>Journal of Systematics and Evolution</i> , 2015, 53, 196-202.	3.1	3
36	The flip side of the coin: ecological function of the bee-hawking Asian hornet. <i>Integrative Zoology</i> , 2020, 15, 156-159.	2.6	3

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37	Do dispersers shape diaspore mass in vespicochory?. <i>Ecology</i> , 2021, 102, e03302.	3.2	3
38	Conserving <i>Firmiana major</i> , a tree species endemic to China. <i>Oryx</i> , 2018, 52, 211-211.	1.0	2
39	Intersexual mimicry and imperfect deceit of a threatened aquatic herb <i>Ottelia acuminata</i> . <i>Journal of Systematics and Evolution</i> , 2020, , .	3.1	2
40	Frugivorous birds disperse seeds of <i>Ligustrum lucidum</i> , seed-feeding weevils, and parasitic wasps of weevils via endozoochory. <i>Integrative Zoology</i> , 2022, 17, 953-958.	2.6	2
41	Highwayman fly hijacks fierce trapjaw ants. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 278-278.	4.0	1
42	Mystery revisited: Is nocturnal colored nectar a nonadaptive floral trait?. <i>Ecology</i> , 2022, 103, e3663.	3.2	1
43	Orchid mantis ambushes foraging butterflies. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 12-12.	4.0	0
44	Nocturnal crickets disperse seeds. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 56-56.	4.0	0