

Xiaolei Huang

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

654
citations

623188

14
h-index

676716

22
g-index

61
all docs

61
docs citations

61
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Willing or unwilling to share primary biodiversity data: results and implications of an international survey. <i>Conservation Letters</i> , 2012, 5, 399-406.	2.8	53
2	Predicting potential distribution of chestnut phylloxerid (Hemiptera: Phylloxeridae) based on GARP and Maxent ecological niche models. <i>Journal of Applied Entomology</i> , 2010, 134, 45-54.	0.8	51
3	Comparative Analysis of Mitochondrial Genomes of Five Aphid Species (Hemiptera: Aphididae) and Phylogenetic Implications. <i>PLoS ONE</i> , 2013, 8, e77511.	1.1	45
4	Phylogenetic congruence between <i>Mollitrichosiphum</i> (Aphididae: Greenideinae) and <i>Buchnera</i> indicates insect-bacteria parallel evolution. <i>Systematic Entomology</i> , 2013, 38, 81-92.	1.7	30
5	Use of Parsimony Analysis to Identify Areas of Endemism of Chinese Birds: Implications for Conservation and Biogeography. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2097-2108.	1.8	29
6	The complete mitochondrial genome of <i>Cervaphis quercus</i> (Insecta: Hemiptera: Aphididae: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.5	28
7	Diversity and distribution of aphids in the Qinghai-Tibetan Plateau-Himalayas. <i>Ecological Entomology</i> , 2006, 31, 608-615.	1.1	24
8	Areas of endemism and patterns of diversity for aphids of the Qinghai-Tibetan Plateau and the Himalayas. <i>Journal of Biogeography</i> , 2008, 35, 230-240.	1.4	24
9	Molecular phylogeny and divergence times of Hormaphidinae (Hemiptera: Aphididae) indicate Late Cretaceous tribal diversification. <i>Zoological Journal of the Linnean Society</i> , 2012, 165, 73-87.	1.0	24
10	Mountains act as museums and cradles for hemipteran insects in China: Evidence from patterns of richness and phylogenetic structure. <i>Global Ecology and Biogeography</i> , 2021, 30, 1070-1085.	2.7	22
11	Investigating the Impact of Climate Warming on Phenology of Aphid Pests in China Using Long-Term Historical Data. <i>Insects</i> , 2020, 11, 167.	1.0	21
12	Promoting transparency in evolutionary biology and ecology. <i>Ecology Letters</i> , 2016, 19, 726-728.	3.0	18
13	The challenge of Coccidae (Hemiptera: Coccoidea) mitochondrial genomes: The case of <i>Saissetia coffeae</i> with novel truncated tRNAs and gene rearrangements. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 854-864.	3.6	17
14	The Prevalence of Single-Specimen/Locality Species in Insect Taxonomy: An Empirical Analysis. <i>Diversity</i> , 2019, 11, 106.	0.7	16
15	Spatial Patterns and Determinants of the Diversity of Hemipteran Insects in the Qinghai-Tibetan Plateau. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	16
16	The First Complete Mitochondrial Genome of Lachninae Species and Comparative Genomics Provide New Insights into the Evolution of Gene Rearrangement and the Repeat Region. <i>Insects</i> , 2021, 12, 55.	1.0	15
17	Biodiversity databases should gain support from journals. <i>Trends in Ecology and Evolution</i> , 2011, 26, 377-378.	4.2	14
18	Biodiversity Data Sharing: Will Peer-Reviewed Data Papers Work?. <i>BioScience</i> , 2013, 63, 5-6.	2.2	14

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19	Aphids as models for ecological and evolutionary studies. <i>Insect Science</i> , 2014, 21, 247-250.	1.5	14
20	Evolutionary relationships of <i>Pemphigus</i> and allied genera (Hemiptera: Aphididae: <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td</i>) 301-312.	1.5	14
21	Phylogeny and species differentiation of <i>Mollitrichosiphum</i> spp. (Aphididae, Greenideinae) based on mitochondrial COI and Cyt b genes. <i>Environmental Epigenetics</i> , 2011, 57, 806-815.	0.9	13
22	Ancient association with <i>Fagaceae</i> in the aphid tribe <i>Greenideini</i> (Hemiptera: Aphididae: <i>Greenideinae</i>). <i>Systematic Entomology</i> , 2015, 40, 230-241.	1.7	13
23	The first mitochondrial genome of scale insects (Hemiptera: Coccoidea). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2094-2095.	0.2	10
24	DNA Barcoding Subtropical Aphids and Implications for Population Differentiation. <i>Insects</i> , 2020, 11, 11.	1.0	10
25	DNA barcoding of aphid-associated ants (Hymenoptera, Formicidae) in a subtropical area of southern China. <i>ZooKeys</i> , 2019, 879, 117-136.	0.5	9
26	The mitochondrial genome of a social aphid, <i>Pseudoregma bambucicola</i> (Hemiptera: Aphididae: <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4</i>)	0.2	8
27	Species Differentiation of Chinese <i>Mollitrichosiphum</i> (Aphididae: Greenideinae) Driven by Geographical Isolation and Host Plant Acquirement. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10441-10460.	1.8	7
28	Coexistence of Three Dominant Bacterial Symbionts in a Social Aphid and Implications for Ecological Adaptation. <i>Insects</i> , 2021, 12, 416.	1.0	7
29	Molecular phylogenetic evidence for paraphyly of <i>Ceratovacuna</i> and <i>Pseudoregma</i> (Hemiptera, Hormaphidinae) reveals late Tertiary radiation. <i>Bulletin of Entomological Research</i> , 2013, 103, 644-655.	0.5	6
30	Functional Morphology and Defensive Behavior in a Social Aphid. <i>Insects</i> , 2019, 10, 163.	1.0	6
31	A Checklist of Ants (Hymenoptera: Formicidae) in Pakistan. <i>Sociobiology</i> , 2019, 66, 426.	0.2	6
32	THE DETECTION AND MIDGUT INTRACELLULAR LOCATION OF RICKETTSIA SYMBIONT IN THE CAMELLIA APHID (APHIS AURANTII). <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.2	6
33	Discovery pattern and species number of scale insects (Hemiptera: Coccoidea). <i>PeerJ</i> , 2016, 4, e2526.	0.9	6
34	The complete mitochondrial genome of <i>Greenidea ficicola</i> (Hemiptera: Aphididae: Greenideinae), a pest of Ficus. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 254-256.	0.2	5
35	The Ubiquity and Development-Related Abundance Dynamics of <i>Ophiocordyceps</i> Fungi in Soft Scale Insects. <i>Microorganisms</i> , 2021, 9, 404.	1.6	5
36	META-ANALYSIS OF THE GLOBAL DIVERSITY AND SPATIAL PATTERNS OF APHID-ANT MUTUALISTIC RELATIONSHIPS. <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.2	5

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37	The high cost of overspecialization. <i>Nature</i> , 2013, 497, 40-40.	13.7	4
38	Reproducibility in ecological research. <i>Science</i> , 2014, 346, 1307-1307.	6.0	4
39	China needs more monitoring apps. <i>Nature</i> , 2015, 520, 436-436.	13.7	4
40	Dynamics of global institutional collaboration in insect taxonomy reveal imbalance of taxonomic effort. <i>Insect Conservation and Diversity</i> , 2019, 12, 18-28.	1.4	4
41	Molecular and morphological evidence for the identity of two nominal species of <i>Astegopteryx</i> (Hemiptera, Aphididae, Hormaphidinae). <i>ZooKeys</i> , 2019, 833, 59-74.	0.5	4
42	Specialization on <i>Ficus</i> Supported by Genetic Divergence and Morphometrics in Sympatric Host-Populations of the <i>Camellia</i> Aphid, <i>Aphis aurantii</i> . <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
43	Citizen science: integrating scientific research, ecological conservation and public participation. <i>Biodiversity Science</i> , 2014, 21, 738-749.	0.2	3
44	Review of the Chinese new record genus <i>Acanthohermes</i> Kollar (Hemiptera: Phylloxeridae), with a description of one new species. <i>Pan-Pacific Entomologist</i> , 2009, 85, 43-50.	0.1	2
45	Biodiversity data sharing is not just about species names: response to Santos and Branco. <i>Trends in Ecology and Evolution</i> , 2012, 27, 7-8.	4.2	2
46	Genome assembly of <i>Scorias spongiosa</i> and comparative genomics provide insights into ecological adaptation of honeydew-dependent sooty mould fungi. <i>Genomics</i> , 2021, 113, 2189-2198.	1.3	2
47	Differentiation in the eastern Asian <i>Periphyllus koelreuteriae</i> (Hemiptera: Aphididae) species complex driven by climate and host plant. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 509-520.	0.7	2
48	A new species of <i>Neohormaphis</i> (Hemiptera: Aphididae: Hormaphidinae) from China. <i>Oriental Insects</i> , 2008, 42, 207-212.	0.1	1
49	A dataset on the diversity and geographical distributions of hemipteran insects in China. <i>Biodiversity Science</i> , 2021, 29, 1154-1158.	0.2	1
50	Chinese scientists are sharing data. <i>Nature</i> , 2015, 522, 287-287.	13.7	0
51	Mechanisms regulating caste and behavior differentiation in social insects. <i>Biodiversity Science</i> , 2021, 29, 507-516.	0.2	0
52	Biodiversity data papers: Standardizing and diversifying data sharing. <i>Biodiversity Science</i> , 2021, 29, 1147-1148.	0.2	0
53	Sharing and publishing of biodiversity data: recent trends and future suggestions. <i>Biodiversity Science</i> , 2014, 22, 293.	0.2	0
54	Sharing biodiversity data through academic publishing. <i>Biodiversity Science</i> , 2016, 24, 1315-1316.	0.2	0

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55	Analysis of publication trends of biodiversity data papers. <i>Biodiversity Science</i> , 2016, 24, 1317-1324.	0.2	0
56	First record of <i>Leptogenys hystericus</i> Forel, 1900 (Hymenoptera: Formicidae: Ponerinae) from Pakistan. <i>Journal of Threatened Taxa</i> , 2018, 10, 13032-13036.	0.1	0