

Zhenxiang Xi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

2,446
citations

24
h-index

36
g-index

36
ext. papers

3,096
ext. citations

6.5
avg, IF

4.95
L-index

#	Paper	IF	Citations
32	Deeply Altered Genome Architecture in the Endoparasitic Flowering Plant <i>Sapria himalayana</i> Griff. (<i>Rafflesiaceae</i>). <i>Current Biology</i> , 2021 , 31, 1002-1011.e9	6.3	17
31	The Perfect Storm: Gene Tree Estimation Error, Incomplete Lineage Sorting, and Ancient Gene Flow Explain the Most Recalcitrant Ancient Angiosperm Clade, Malpighiales. <i>Systematic Biology</i> , 2021 , 70, 491-507	8.4	9
30	A chromosome-level genome assembly for the tertiary relict plant <i>Tetracentron sinense</i> Oliv. (<i>trochodendraceae</i>). <i>Molecular Ecology Resources</i> , 2021 , 21, 1186-1199	8.4	1
29	Population Transcriptomics Reveals Gene Flow and Introgression Between Two Non-sister Alpine Gentians. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	1
28	Water lily (<i>Nymphaea</i>) genome reveals variable genomic signatures of ancient vascular cambium losses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8649-8656	11.5	15
27	Prickly waterlily and rigid hornwort genomes shed light on early angiosperm evolution. <i>Nature Plants</i> , 2020 , 6, 215-222	11.5	40
26	Phylogenomics of the genus <i>Populus</i> reveals extensive interspecific gene flow and balancing selection. <i>New Phytologist</i> , 2020 , 225, 1370-1382	9.8	33
25	Widespread ancient whole-genome duplications in Malpighiales coincide with Eocene global climatic upheaval. <i>New Phytologist</i> , 2019 , 221, 565-576	9.8	43
24	Shifts in plant distributions in response to climate warming in a biodiversity hotspot, the Hengduan Mountains. <i>Journal of Biogeography</i> , 2018 , 45, 1334-1344	4.1	54
23	Ancient polymorphisms and divergence hitchhiking contribute to genomic islands of divergence within a poplar species complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E236-E243	11.5	59
22	Plastome phylogeny and lineage diversification of Salicaceae with focus on poplars and willows. <i>Ecology and Evolution</i> , 2018 , 8, 7817-7823	2.8	25
21	Unraveling the biogeographical history of Chrysobalanaceae from plastid genomes. <i>American Journal of Botany</i> , 2016 , 103, 1089-102	2.7	16
20	The Impact of Missing Data on Species Tree Estimation. <i>Molecular Biology and Evolution</i> , 2016 , 33, 838-853	6.3	82
19	Implementing and testing the multispecies coalescent model: A valuable paradigm for phylogenomics. <i>Molecular Phylogenetics and Evolution</i> , 2016 , 94, 447-62	4.1	230
18	Phylogeny of Elatinaceae and the Tropical Gondwanan Origin of the Centroplacaceae (Malpighiaceae, Elatinaceae) Clade. <i>PLoS ONE</i> , 2016 , 11, e0161881	3.7	11
17	Genes with minimal phylogenetic information are problematic for coalescent analyses when gene tree estimation is biased. <i>Molecular Phylogenetics and Evolution</i> , 2015 , 92, 63-71	4.1	69
16	Coalescent methods are robust to the simultaneous effects of long branches and incomplete lineage sorting. <i>Molecular Biology and Evolution</i> , 2015 , 32, 791-805	8.3	57

15	Estimating phylogenetic trees from genome-scale data. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1360, 36-53	6.5	122
14	Horizontal gene transfer in parasitic plants. <i>Current Opinion in Plant Biology</i> , 2015 , 26, 14-9	9.9	52
13	Long-term morphological stasis maintained by a plant-pollinator mutualism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5914-9	11.5	58
12	Streptophyte algae and the origin of land plants revisited using heterogeneous models with three new algal chloroplast genomes. <i>Molecular Biology and Evolution</i> , 2014 , 31, 177-83	8.3	63
11	Coalescent versus concatenation methods and the placement of Amborella as sister to water lilies. <i>Systematic Biology</i> , 2014 , 63, 919-32	8.4	132
10	Evolutionary bursts in Euphorbia (Euphorbiaceae) are linked with photosynthetic pathway. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 3485-504	3.8	84
9	The establishment of Central American migratory corridors and the biogeographic origins of seasonally dry tropical forests in Mexico. <i>Frontiers in Genetics</i> , 2014 , 5, 433	4.5	24
8	Plastid phylogenomics and green plant phylogeny: almost full circle but not quite there. <i>BMC Biology</i> , 2014 , 12, 11	7.3	38
7	Massive mitochondrial gene transfer in a parasitic flowering plant clade. <i>PLoS Genetics</i> , 2013 , 9, e1003266		86
6	Phylogenomics and coalescent analyses resolve extant seed plant relationships. <i>PLoS ONE</i> , 2013 , 8, e80870	3.7	58
5	Horizontal transfer of expressed genes in a parasitic flowering plant. <i>BMC Genomics</i> , 2012 , 13, 227	4.5	73
4	Phylogenomics and a posteriori data partitioning resolve the Cretaceous angiosperm radiation Malpighiales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17519-24	11.5	238
3	Phylogeny of the clusioid clade (Malpighiales): evidence from the plastid and mitochondrial genomes. <i>American Journal of Botany</i> , 2011 , 98, 306-25	2.7	88
2	Angiosperm phylogeny: 17 genes, 640 taxa. <i>American Journal of Botany</i> , 2011 , 98, 704-30	2.7	493
1	Phylogenetic Analysis of the Plastid Inverted Repeat for 244 Species: Insights into Deeper-Level Angiosperm Relationships from a Long, Slowly Evolving Sequence Region. <i>International Journal of Plant Sciences</i> , 2011 , 172, 541-558	2.6	74