

Bo-Jian Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

1,612
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times ranked

2355
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloroplast phylogenomics of unicellular and colonial Volvocales provides perspectives on the evolution of morphological characters. <i>Journal of Systematics and Evolution</i> , 2023, 61, 127-142.	3.1	1
2	Origin and adaptive evolution of UV RESISTANCE LOCUS 8-mediated signaling during plant terrestrialization. <i>Plant Physiology</i> , 2022, 188, 332-346.	4.8	14
3	Origin and evolution of green plants in the light of key evolutionary events. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 516-535.	8.5	16
4	Phylotranscriptomic insights into a Mesoproterozoic–Neoproterozoic origin and early radiation of green seaweeds (Ulvophyceae). <i>Nature Communications</i> , 2022, 13, 1610.	12.8	21
5	Plant AFC2 kinase desensitizes thermomorphogenesis through modulation of alternative splicing. <i>IScience</i> , 2022, 25, 104051.	4.1	13
6	Comparative Analyses of 3,654 Plastid Genomes Unravel Insights Into Evolutionary Dynamics and Phylogenetic Discordance of Green Plants. <i>Frontiers in Plant Science</i> , 2022, 13, 808156.	3.6	8
7	Comprehensive transcriptome analyses of two <i>Oocystis</i> algae provide insights into the adaptation to Qinghai–Tibet Plateau. <i>Journal of Systematics and Evolution</i> , 2021, 59, 1209-1219.	3.1	9
8	Large-Scale Phylogenomic Analyses Reveal the Monophyly of Bryophytes and Neoproterozoic Origin of Land Plants. <i>Molecular Biology and Evolution</i> , 2021, 38, 3332-3344.	8.9	56
9	Large Phylogenomic Data sets Reveal Deep Relationships and Trait Evolution in Chlorophyte Green Algae. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	14
10	The origin of SPA reveals the divergence and convergence of light signaling in Archaeplastida. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107175.	2.7	2
11	Accounting for Uncertainty in the Evolutionary Timescale of Green Plants Through Clock-Partitioning and Fossil Calibration Strategies. <i>Systematic Biology</i> , 2020, 69, 1-16.	5.6	55
12	Adaptation to Extreme Antarctic Environments Revealed by the Genome of a Sea Ice Green Alga. <i>Current Biology</i> , 2020, 30, 3330-3341.e7.	3.9	48
13	Phylogenomic Insights into Deep Phylogeny of Angiosperms Based on Broad Nuclear Gene Sampling. <i>Plant Communications</i> , 2020, 1, 100027.	7.7	61
14	The Parallel Molecular Adaptations to the Antarctic Cold Environment in Two Psychrophilic Green Algae. <i>Genome Biology and Evolution</i> , 2019, 11, 1897-1908.	2.5	19
15	Origin and Evolution of Core Components Responsible for Monitoring Light Environment Changes during Plant Terrestrialization. <i>Molecular Plant</i> , 2019, 12, 847-862.	8.3	85
16	Dr. Yang Zhong: An explorer on the road forever. <i>Protein and Cell</i> , 2018, 9, 141-144.	11.0	0
17	The Antarctic sea ice alga <i>Chlamydomonas</i> sp. ICE-L provides insights into adaptive patterns of chloroplast evolution. <i>BMC Plant Biology</i> , 2018, 18, 53.	3.6	22
18	Ancient DNA from Giant Panda (<i>Ailuropoda melanoleuca</i>) of South-Western China Reveals Genetic Diversity Loss during the Holocene. <i>Genes</i> , 2018, 9, 198.	2.4	14

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19	Improving phylogenetic inference of core Chlorophyta using chloroplast sequences with strong phylogenetic signals and heterogeneous models. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 248-255.	2.7	24
20	Expanded Taxonomic Sampling Coupled with Gene Genealogy Interrogation Provides Unambiguous Resolution for the Evolutionary Root of Angiosperms. <i>Genome Biology and Evolution</i> , 2017, 9, 3154-3161.	2.5	18
21	Evolution of the Chlorophyta: Insights from chloroplast phylogenomic analyses. <i>Journal of Systematics and Evolution</i> , 2017, 55, 322-332.	3.1	36
22	Evolution of the YABBY gene family in seed plants. <i>Evolution & Development</i> , 2016, 18, 116-126.	2.0	87
23	Chloroplast Phylogenomic Inference of Green Algae Relationships. <i>Scientific Reports</i> , 2016, 6, 20528.	3.3	53
24	Implementing and testing the multispecies coalescent model: A valuable paradigm for phylogenomics. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 447-462.	2.7	321
25	The Origin of Land Plants: A Phylogenomic Perspective. <i>Evolutionary Bioinformatics</i> , 2015, 11, EBO.S29089.	1.2	29
26	Two fundamental questions about protein evolution. <i>Biochimie</i> , 2015, 119, 278-283.	2.6	5
27	Two New Fern Chloroplasts and Decelerated Evolution Linked to the Long Generation Time in Tree Ferns. <i>Genome Biology and Evolution</i> , 2014, 6, 1166-1173.	2.5	56
28	The multispecies coalescent model and land plant origins: a reply to Springer and Gatesy. <i>Trends in Plant Science</i> , 2014, 19, 270-272.	8.8	20
29	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, 177-183.	8.9	70
30	The Evolutionary Root of Flowering Plants. <i>Systematic Biology</i> , 2013, 62, 50-61.	5.6	71
31	Origin of land plants using the multispecies coalescent model. <i>Trends in Plant Science</i> , 2013, 18, 492-495.	8.8	109
32	Beyond Reasonable Doubt: Evolution from DNA Sequences. <i>PLoS ONE</i> , 2013, 8, e69924.	2.5	6
33	Systematic Error in Seed Plant Phylogenomics. <i>Genome Biology and Evolution</i> , 2011, 3, 1340-1348.	2.5	104
34	The Position of Gnetales among Seed Plants: Overcoming Pitfalls of Chloroplast Phylogenomics. <i>Molecular Biology and Evolution</i> , 2010, 27, 2855-2863.	8.9	82
35	Adaptive evolution of chloroplast genomes in ancestral grasses. <i>Plant Signaling and Behavior</i> , 2009, 4, 623-624.	2.4	5
36	Short sequence effect of ancient DNA on mammoth phylogenetic analyses. <i>Frontiers of Earth Science</i> , 2009, 3, 100-106.	0.5	0

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37	Episodic Evolution and Adaptation of Chloroplast Genomes in Ancestral Grasses. PLoS ONE, 2009, 4, e5297.	2.5	53