

# Yongfeng Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

7,627  
citations

101543

36  
h-index

182427

51  
g-index

66  
all docs

66  
docs citations

66  
times ranked

8722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomic and transcriptomic analyses reveal the effects of self- and hetero-grafting on anthocyanin biosynthesis in grapevine. <i>Horticulture Research</i> , 2022, 9, .	6.3	16
2	The 3D architecture of the pepper genome and its relationship to function and evolution. <i>Nature Communications</i> , 2022, 13, .	12.8	28
3	Structural variation and parallel evolution of apomixis in citrus during domestication and diversification. <i>National Science Review</i> , 2022, 9, .	9.5	19
4	Genome evolution and diversity of wild and cultivated potatoes. <i>Nature</i> , 2022, 606, 535-541.	27.8	125
5	A super pan-genomic landscape of rice. <i>Cell Research</i> , 2022, 32, 878-896.	12.0	99
6	The evolutionary genomics of speciesâ€™ responses to climate change. <i>Nature Ecology and Evolution</i> , 2021, 5, 1350-1360.	7.8	63
7	Introgression among North American wild grapes ( <i>Vitis</i> ) fuels biotic and abiotic adaptation. <i>Genome Biology</i> , 2021, 22, 254.	8.8	25
8	HapSolo: an optimization approach for removing secondary haplotigs during diploid genome assembly and scaffolding. <i>BMC Bioinformatics</i> , 2021, 22, 9.	2.6	9
9	Large chromosomal variants drive adaptation in sunflowers. <i>Nature Plants</i> , 2020, 6, 734-735.	9.3	2
10	Evolutionary Genomics of Structural Variation in Asian Rice ( <i>Oryza sativa</i> ) Domestication. <i>Molecular Biology and Evolution</i> , 2020, 37, 3507-3524.	8.9	58
11	Transcriptome Investigation and In Vitro Verification of Curcumin-Induced HO-1 as a Feature of Ferroptosis in Breast Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	4.0	76
12	Genomic evidence for recurrent genetic admixture during the domestication of Mediterranean olive trees ( <i>Olea europaea</i> L.). <i>BMC Biology</i> , 2020, 18, 148.	3.8	39
13	The genetic basis of sex determination in grapes. <i>Nature Communications</i> , 2020, 11, 2902.	12.8	118
14	The genome-wide dynamics of purging during selfing in maize. <i>Nature Plants</i> , 2019, 5, 980-990.	9.3	42
15	The population genetics of structural variants in grapevine domestication. <i>Nature Plants</i> , 2019, 5, 965-979.	9.3	229
16	Divergence with gene flow is driven by local adaptation to temperature and soil phosphorus concentration in teosinte subspecies ( <i>Zea mays parviglumis</i> and <i>Zea mays mexicana</i> ). <i>Molecular Ecology</i> , 2019, 28, 2814-2830.	3.9	48
17	Maize transposable elements contribute to long non-coding RNAs that are regulatory hubs for abiotic stress response. <i>BMC Genomics</i> , 2019, 20, 864.	2.8	47
18	The genomic diversification of grapevine clones. <i>BMC Genomics</i> , 2019, 20, 972.	2.8	66

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19	Evolutionary Genomics and the Domestication of Grapes. <i>Compendium of Plant Genomes</i> , 2019, , 39-55.	0.5	17
20	Fluorescent sensor based models for the detection of environmentally-related toxic heavy metals. <i>Science of the Total Environment</i> , 2018, 615, 476-485.	8.0	303
21	The Bet-Hedging Strategies for Seedling Emergence of <i>Calligonum mongolicum</i> to Adapt to the Extreme Desert Environments in Northwestern China. <i>Frontiers in Plant Science</i> , 2018, 9, 1167.	3.6	22
22	Demography and its effects on genomic variation in crop domestication. <i>Nature Plants</i> , 2018, 4, 512-520.	9.3	173
23	<i>Euphorbia</i> Section <i>Hainanensis</i> (Euphorbiaceae), a New Section Endemic to the Hainan Island of China From Biogeographical, Karyological, and Phenotypical Evidence. <i>Frontiers in Plant Science</i> , 2018, 9, 660.	3.6	12
24	Deleterious variants in Asian rice and the potential cost of domestication. <i>Molecular Biology and Evolution</i> , 2017, 34, msw296.	8.9	68
25	Evolutionary genomics of grape ( <i>Vitis vinifera</i> ssp. <i>vinifera</i> ) domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11715-11720.	7.1	236
26	Importance of incomplete lineage sorting and introgression in the origin of shared genetic variation between two closely related pines with overlapping distributions. <i>Heredity</i> , 2017, 118, 211-220.	2.6	73
27	How Single Molecule Real-Time Sequencing and Haplotype Phasing Have Enabled Reference-Grade Diploid Genome Assembly of Wine Grapes. <i>Frontiers in Plant Science</i> , 2017, 8, 826.	3.6	55
28	Mechanistic and evolutionary questions about epigenetic conflicts between transposable elements and their plant hosts. <i>Current Opinion in Plant Biology</i> , 2016, 30, 123-133.	7.1	39
29	Evolution Is an Experiment: Assessing Parallelism in Crop Domestication and Experimental Evolution. <i>Molecular Biology and Evolution</i> , 2015, 32, 1661-1671.	8.9	41
30	Genomics and the Contrasting Dynamics of Annual and Perennial Domestication. <i>Trends in Genetics</i> , 2015, 31, 709-719.	6.7	145
31	Olive domestication and diversification in the Mediterranean Basin. <i>New Phytologist</i> , 2015, 206, 436-447.	7.3	227
32	Climatic adaptation and ecological divergence between two closely related pine species in Southeast China. <i>Molecular Ecology</i> , 2014, 23, 3504-3522.	3.9	48
33	A redox-responsive cationic supramolecular polymer constructed from small molecules as a promising gene vector. <i>Chemical Communications</i> , 2013, 49, 9845.	4.1	69
34	Genome size variation in wild and cultivated maize along altitudinal gradients. <i>New Phytologist</i> , 2013, 199, 264-276.	7.3	107
35	Genetic divergence, range expansion and possible homoploid hybrid speciation among pine species in Northeast China. <i>Heredity</i> , 2012, 108, 552-562.	2.6	46
36	A POSSâ€Based Supramolecular Amphiphile and Its Hierarchical Selfâ€Assembly Behaviors. <i>Macromolecular Rapid Communications</i> , 2012, 33, 767-772.	3.9	37

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37	Cytoplasmic DNA variation in and genetic delimitation of <i>Abies nephrolepis</i> and <i>Abies holophylla</i> in northeastern China. <i>Canadian Journal of Forest Research</i> , 2011, 41, 1555-1561.	1.7	24
38	The evolution of transposable elements in natural populations of self-fertilizing <i>Arabidopsis thaliana</i> and its outcrossing relative <i>Arabidopsis lyrata</i> . <i>BMC Evolutionary Biology</i> , 2010, 10, 10.	3.2	84
39	GENE FLOW AND SPECIES DELIMITATION: A CASE STUDY OF TWO PINE SPECIES WITH OVERLAPPING DISTRIBUTIONS IN SOUTHEAST CHINA. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2342-52.	2.3	69
40	Demographic histories of four spruce ( <i>Picea</i> ) species of the Qinghai-Tibetan Plateau and neighboring areas inferred from multiple nuclear loci. <i>Molecular Biology and Evolution</i> , 2010, 27, 1001-1014.	8.9	113
41	Selection on grain shattering genes and rates of rice domestication. <i>New Phytologist</i> , 2009, 184, 708-720.	7.3	140
42	Demography and weak selection drive patterns of transposable element diversity in natural populations of <i>Arabidopsis lyrata</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13965-13970.	7.1	99
43	Multilocus Analysis of Nucleotide Variation of <i>Oryza sativa</i> and Its Wild Relatives: Severe Bottleneck during Domestication of Rice. <i>Molecular Biology and Evolution</i> , 2007, 24, 875-888.	8.9	329
44	Plant domestication, a unique opportunity to identify the genetic basis of adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8641-8648.	7.1	385
45	Recombination: an underappreciated factor in the evolution of plant genomes. <i>Nature Reviews Genetics</i> , 2007, 8, 77-84.	16.3	223
46	The Molecular Genetics of Crop Domestication. <i>Cell</i> , 2006, 127, 1309-1321.	28.9	1,701
47	Plant conserved non-coding sequences and paralogue evolution. <i>Trends in Genetics</i> , 2005, 21, 60-65.	6.7	147
48	The Effects of Artificial Selection on the Maize Genome. <i>Science</i> , 2005, 308, 1310-1314.	12.6	742
49	Selection Versus Demography: A Multilocus Investigation of the Domestication Process in Maize. <i>Molecular Biology and Evolution</i> , 2004, 21, 1214-1225.	8.9	251
50	Does Recombination Shape the Distribution and Evolution of Tandemly Arrayed Genes (TAGs) in the <i>Arabidopsis thaliana</i> Genome?. <i>Genome Research</i> , 2003, 13, 2533-2540.	5.5	79
51	Evolutionary dynamics of grass genomes. <i>New Phytologist</i> , 2002, 154, 15-28.	7.3	376