

# Guangyi Fan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

933  
citations

759233

12  
h-index

713466

21  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward the massive genome of <i>Proteus anguinus</i> illuminating longevity, regeneration, convergent evolution, and metabolic disorders. <i>Annals of the New York Academy of Sciences</i> , 2022, 1507, 5-11.	3.8	11
2	Microbiota-muscle/immune interactions in rhesus macaque under simulated microgravity revealed by integrated multi-omics analysis. <i>JCSM Rapid Communications</i> , 2022, 5, 212-225.	1.6	2
3	Accurate haplotype-resolved assembly reveals the origin of structural variants for human trios. <i>Bioinformatics</i> , 2021, 37, 2095-2102.	4.1	4
4	SLR-superscaffolder: a de novo scaffolding tool for synthetic long reads using a top-to-bottom scheme. <i>BMC Bioinformatics</i> , 2021, 22, 158.	2.6	7
5	Reconstruction of the Origin of a Neo-Y Sex Chromosome and Its Evolution in the Spotted Knifejaw, <i>Oplegnathus punctatus</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 2615-2626.	8.9	21
6	The Chromosome Level Genome and Genome-wide Association Study for the Agronomic Traits of <i>Panax Notoginseng</i> . <i>IScience</i> , 2020, 23, 101538.	4.1	34
7	Beaver and Naked Mole Rat Genomes Reveal Common Paths to Longevity. <i>Cell Reports</i> , 2020, 32, 107949.	6.4	26
8	African Arowana Genome Provides Insights on Ancient Teleost Evolution. <i>IScience</i> , 2020, 23, 101662.	4.1	3
9	TGS-GapCloser: A fast and accurate gap closer for large genomes with low coverage of error-prone long reads. <i>GigaScience</i> , 2020, 9, .	6.4	156
10	Initial data release and announcement of the 10,000 Fish Genomes Project (Fish10K). <i>GigaScience</i> , 2020, 9, .	6.4	47
11	Genome sequencing of deep-sea hydrothermal vent snails reveals adaptations to extreme environments. <i>GigaScience</i> , 2020, 9, .	6.4	5
12	Complete Chloroplast Genomes of 14 Mangroves: Phylogenetic and Comparative Genomic Analyses. <i>BioMed Research International</i> , 2020, 2020, 1-13.	1.9	14
13	Dynamics of bacteriophages in gut of giant pandas reveal a potential regulation of dietary intake on bacteriophage composition. <i>Science of the Total Environment</i> , 2020, 734, 139424.	8.0	6
14	A chromosome-level genome of black rockfish, <i>Sebastes schlegelii</i> , provides insights into the evolution of live birth. <i>Molecular Ecology Resources</i> , 2019, 19, 1309-1321.	4.8	44
15	Dynamics of Gut Microbiome in Giant Panda Cubs Reveal Transitional Microbes and Pathways in Early Life. <i>Frontiers in Microbiology</i> , 2018, 9, 3138.	3.5	30
16	Chromosome-level reference genome of the Siamese fighting fish <i>Betta splendens</i> , a model species for the study of aggression. <i>GigaScience</i> , 2018, 7, .	6.4	25
17	The chromosome-level genome assemblies of two rattans ( <i>Calamus simplicifolius</i> and <i>Daemonorops</i> )	1.0784314	10
18	Evolutionary gradient of predicted nuclear localization signals (NLS)-bearing proteins in genomes of family Planctomycetaceae. <i>BMC Microbiology</i> , 2017, 17, 86.	3.3	2

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19	The genetic basis for ecological adaptation of the Atlantic herring revealed by genome sequencing. <i>ELife</i> , 2016, 5, .	6.0	143
20	The Asian arowana ( <i>Scleropages formosus</i> ) genome provides new insights into the evolution of an early lineage of teleosts. <i>Scientific Reports</i> , 2016, 6, 24501.	3.3	89
21	Draft genome of the living fossil <i>Ginkgo biloba</i> . <i>GigaScience</i> , 2016, 5, 49.	6.4	232
22	Chromosome-level genome assembly of the humpback puffer, <i>Tetraodon palembangensis</i> . <i>GigaByte</i> , 0, 2021, 1-12.	0.0	0
23	Bicolor angelfish ( <i>Centropyge bicolor</i> ) provides the first chromosome-level genome of the Pomacanthidae family. <i>GigaByte</i> , 0, 2021, 1-13.	0.0	0