Guangyi Fan

List of Publications by Year in Descending Order

23 papers	492 citations	10 h-index	22 g-index
29 ext. papers	741 ext. citations	6.5 avg, IF	2.82 L-index

#	Paper	IF	Citations
23	SLR-superscaffolder: a de novo scaffolding tool for synthetic long reads using a top-to-bottom scheme. *BMC Bioinformatics*, **2021**, 22, 158	3.6	1
22	Reconstruction of the Origin of a Neo-Y Sex Chromosome and Its Evolution in the Spotted Knifejaw, Oplegnathus punctatus. *Molecular Biology and Evolution*, **2021**, 38, 2615-2626	8.3	7
21	Toward the massive genome of Proteus anguinus-illuminating longevity, regeneration, convergent evolution, and metabolic disorders. *Annals of the New York Academy of Sciences*, **2021**,	6.5	5
20	Complete Chloroplast Genomes of 14 Mangroves: Phylogenetic and Comparative Genomic Analyses. *BioMed Research International*, **2020**, 2020, 8731857	3	7
19	Dynamics of bacteriophages in gut of giant pandas reveal a potential regulation of dietary intake on bacteriophage composition. *Science of the Total Environment*, **2020**, 734, 139424	10.2	4
18	The Chromosome Level Genome and Genome-wide Association Study for the Agronomic Traits of. *IScience*, **2020**, 23, 101538	6.1	12
17	Beaver and Naked Mole Rat Genomes Reveal Common Paths to Longevity. *Cell Reports*, **2020**, 32, 107949	10.6	10
16	African Arowana Genome Provides Insights on Ancient Teleost Evolution. *IScience*, **2020**, 23, 101662	6.1	1
15	TGS-GapCloser: A fast and accurate gap closer for large genomes with low coverage of error-prone long reads. *GigaScience*, **2020**, 9,	7.6	30
14	Initial data release and announcement of the 10,000 Fish Genomes Project (Fish10K). *GigaScience*, **2020**, 9,	7.6	12
13	Genome sequencing of deep-sea hydrothermal vent snails reveals adaptions to extreme environments. *GigaScience*, **2020**, 9,	7.6	2
12	A chromosome-level genome of black rockfish, Sebastes schlegelii, provides insights into the evolution of live birth. *Molecular Ecology Resources*, **2019**, 19, 1309-1321	8.4	25
11	Chromosome-level reference genome of the Siamese fighting fish Betta splendens, a model species for the study of aggression. *GigaScience*, **2018**, 7,	7.6	14
10	The chromosome-level genome assemblies of two rattans (Calamus simplicifolius and Daemonorops jenkinsiana). *GigaScience*, **2018**, 7,	7.6	11
9	Dynamics of Gut Microbiome in Giant Panda Cubs Reveal Transitional Microbes and Pathways in Early Life. *Frontiers in Microbiology*, **2018**, 9, 3138	5.7	15
8	Evolutionary gradient of predicted nuclear localization signals (NLS)-bearing proteins in genomes of family Planctomycetaceae. *BMC Microbiology*, **2017**, 17, 86	4.5	2
7	Draft genome of the living fossil Ginkgo biloba. *GigaScience*, **2016**, 5, 49	7.6	161

6	The genetic basis for ecological adaptation of the Atlantic herring revealed by genome sequencing. *ELife*, **2016**, 5,	8.9	103
5	The Asian arowana (Scleropages formosus) genome provides new insights into the evolution of an early lineage of teleosts. *Scientific Reports*, **2016**, 6, 24501	4.9	66
4	Bicolor angelfish (Centropyge bicolor) provides the first chromosome-level genome of the Pomacanthidae family. *GigaByte*,2021, 1-13		
3	Complete chloroplast genomes of 14 mangroves: phylogenetic and genomic comparative analyses		3
2	Chromosome-level genome assembly of the humpback puffer, Tetraodon palembangensis. *GigaByte*,2021, 1-12		
1	Microbiota□muscle/immune interactions in rhesus macaque under simulated microgravity revealed by integrated multi-omics analysis. *JCSM Rapid Communications*,	2.6	1