

Rui Guan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7593914/publications.pdf>

Version: 2024-02-01

19
papers

1,806
citations

567144

15
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

3056
citing authors

#	ARTICLE	IF	CITATIONS
1	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014, 344, 1168-1173.	6.0	436
2	Identification of a novel salt tolerance gene in wild soybean by whole-genome sequencing. <i>Nature Communications</i> , 2014, 5, 4340.	5.8	332
3	Draft genome of the living fossil <i>Ginkgo biloba</i> . <i>GigaScience</i> , 2016, 5, 49.	3.3	232
4	Root-Secreted Coumarins and the Microbiota Interact to Improve Iron Nutrition in <i>Arabidopsis</i> . <i>Cell Host and Microbe</i> , 2020, 28, 825-837.e6.	5.1	199
5	Evaluation of different 16S rRNA gene V regions for exploring bacterial diversity in a eutrophic freshwater lake. <i>Science of the Total Environment</i> , 2018, 618, 1254-1267.	3.9	115
6	Reference genome of wild goat (<i>capra aegagrus</i>) and sequencing of goat breeds provide insight into genic basis of goat domestication. <i>BMC Genomics</i> , 2015, 16, 431.	1.2	103
7	Host preference and invasiveness of commensal bacteria in the Lotus and <i>Arabidopsis</i> root microbiota. <i>Nature Microbiology</i> , 2021, 6, 1150-1162.	5.9	89
8	The genetic architecture of floral traits in the woody plant <i>Prunus mume</i> . <i>Nature Communications</i> , 2018, 9, 1702.	5.8	73
9	Draft genome sequence of the Tibetan medicinal herb <i>Rhodiola crenulata</i> . <i>GigaScience</i> , 2017, 6, 1-5.	3.3	33
10	Alternate succession of aggregate-forming cyanobacterial genera correlated with their attached bacteria by co-pathways. <i>Science of the Total Environment</i> , 2019, 688, 867-879.	3.9	32
11	Shared features and reciprocal complementation of the <i>Chlamydomonas</i> and <i>Arabidopsis</i> microbiota. <i>Nature Communications</i> , 2022, 13, 406.	5.8	28
12	Microbial profiles of a drinking water resource based on different 16S rRNA V regions during a heavy cyanobacterial bloom in Lake Taihu, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12796-12808.	2.7	26
13	A genome draft of the legless anguid lizard, <i>Ophisaurus gracilis</i> . <i>GigaScience</i> , 2015, 4, 17.	3.3	23
14	The fungal root endophyte <i>Serendipita vermifera</i> displays inter-kingdom synergistic beneficial effects with the microbiota in <i>Arabidopsis thaliana</i> and barley. <i>ISME Journal</i> , 2022, 16, 876-889.	4.4	22
15	Complete genome sequence and genomic characterization of <i>Microcystis panniformis</i> FACHB 1757 by third-generation sequencing. <i>Standards in Genomic Sciences</i> , 2016, 11, 11.	1.5	19
16	Maize Field Study Reveals Covaried Microbiota and Metabolic Changes in Roots over Plant Growth. <i>MBio</i> , 2022, 13, e0258421.	1.8	15
17	Chromosome level comparative analysis of Brassica genomes. <i>Plant Molecular Biology</i> , 2019, 99, 237-249.	2.0	14
18	Phagocytic intracellular digestion in amphioxus (<i>Branchiostoma</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180438.	1.2	11

#	ARTICLE	IF	CITATIONS
19	On the origin of vertebrate body plan: Insights from the endoderm using the hourglass model. <i>Gene Expression Patterns</i> , 2020, 37, 119125.	0.3	2