

Rui Guan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,806
citations

567281
15
h-index

794594
19
g-index

21
all docs

21
docs citations

21
times ranked

3056
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The fungal root endophyte <i>Serendipita vermifera</i> displays inter-kingdom synergistic beneficial effects with the microbiota in <i>Arabidopsis thaliana</i> and barley. ISME Journal, 2022, 16, 876-889. | 9.8 | 22 |
| 2 | Shared features and reciprocal complementation of the <i>Chlamydomonas</i> and <i>Arabidopsis</i> microbiota. Nature Communications, 2022, 13, 406. | 12.8 | 28 |
| 3 | Maize Field Study Reveals Covaried Microbiota and Metabolic Changes in Roots over Plant Growth. MBio, 2022, 13, e0258421. | 4.1 | 15 |
| 4 | Host preference and invasiveness of commensal bacteria in the Lotus and <i>Arabidopsis</i> root microbiota. Nature Microbiology, 2021, 6, 1150-1162. | 13.3 | 89 |
| 5 | Root-Secreted Coumarins and the Microbiota Interact to Improve Iron Nutrition in <i>Arabidopsis</i> . Cell Host and Microbe, 2020, 28, 825-837.e6. | 11.0 | 199 |
| 6 | On the origin of vertebrate body plan: Insights from the endoderm using the hourglass model. Gene Expression Patterns, 2020, 37, 119125. | 0.8 | 2 |
| 7 | Alternate succession of aggregate-forming cyanobacterial genera correlated with their attached bacteria by co-pathways. Science of the Total Environment, 2019, 688, 867-879. | 8.0 | 32 |
| 8 | Chromosome level comparative analysis of Brassica genomes. Plant Molecular Biology, 2019, 99, 237-249. | 3.9 | 14 |
| 9 | The genetic architecture of floral traits in the woody plant <i>Prunus mume</i> . Nature Communications, 2018, 9, 1702. | 12.8 | 73 |
| 10 | Evaluation of different 16S rRNA gene V regions for exploring bacterial diversity in a eutrophic freshwater lake. Science of the Total Environment, 2018, 618, 1254-1267. | 8.0 | 115 |
| 11 | Phagocytic intracellular digestion in amphioxus (<i>Branchiostoma</i>). Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180438. | 2.6 | 11 |
| 12 | Draft genome sequence of the Tibetan medicinal herb <i>Rhodiola crenulata</i> . GigaScience, 2017, 6, 1-5. | 6.4 | 33 |
| 13 | Microbial profiles of a drinking water resource based on different 16S rRNA V regions during a heavy cyanobacterial bloom in Lake Taihu, China. Environmental Science and Pollution Research, 2017, 24, 12796-12808. | 5.3 | 26 |
| 14 | Draft genome of the living fossil <i>Ginkgo biloba</i> . GigaScience, 2016, 5, 49. | 6.4 | 232 |
| 15 | Complete genome sequence and genomic characterization of <i>Microcystis panniformis</i> FACHB 1757 by third-generation sequencing. Standards in Genomic Sciences, 2016, 11, 11. | 1.5 | 19 |
| 16 | A genome draft of the legless anguid lizard, <i>Ophisaurus gracilis</i> . GigaScience, 2015, 4, 17. | 6.4 | 23 |
| 17 | Reference genome of wild goat (<i>capra aegagrus</i>) and sequencing of goat breeds provide insight into genic basis of goat domestication. BMC Genomics, 2015, 16, 431. | 2.8 | 103 |
| 18 | Identification of a novel salt tolerance gene in wild soybean by whole-genome sequencing. Nature Communications, 2014, 5, 4340. | 12.8 | 332 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The sheep genome illuminates biology of the rumen and lipid metabolism. Science, 2014, 344, 1168-1173. | 12.6 | 436 |