

Xiaomin Yu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

985
citations

516710

16
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1253
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity and abundance of phosphonate biosynthetic genes in nature. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20759-20764.	7.1	148
2	Interlinked regulatory loops of ABA catabolism and biosynthesis coordinate fruit growth and ripening in woodland strawberry. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11542-E11550.	7.1	142
3	Metabolite Profiling of 14 Wuyi Rock Tea Cultivars Using UPLC-QTOF MS and UPLC-QqQ MS Combined with Chemometrics. Molecules, 2018, 23, 104.	3.8	90
4	Metabolite signatures of diverse <i>Camellia sinensis</i> tea populations. Nature Communications, 2020, 11, 5586.	12.8	78
5	Transcriptome dynamics of <i>Camellia sinensis</i> in response to continuous salinity and drought stress. Tree Genetics and Genomes, 2017, 13, 1.	1.6	67
6	Defensive Responses of Tea Plants (<i>Camellia sinensis</i>) Against Tea Green Leafhopper Attack: A Multi-Omics Study. Frontiers in Plant Science, 2019, 10, 1705.	3.6	63
7	Non-targeted metabolomics analysis reveals dynamic changes of volatile and non-volatile metabolites during oolong tea manufacture. Food Research International, 2020, 128, 108778.	6.2	62
8	Endophytic Actinomycetes from Tea Plants (<i>Camellia sinensis</i>): Isolation, Abundance, Antimicrobial, and Plant-Growth-Promoting Activities. BioMed Research International, 2018, 2018, 1-12.	1.9	53
9	Metabolomics Reveals Distinct Carbon and Nitrogen Metabolic Responses to Magnesium Deficiency in Leaves and Roots of Soybean [<i>Glycine max</i> (Linn.) Merr.]. Frontiers in Plant Science, 2017, 8, 2091.	3.6	46
10	Use of a Phosphonate Methyltransferase in the Identification of the Fosfazinomycin Biosynthetic Gene Cluster. Angewandte Chemie - International Edition, 2014, 53, 1334-1337.	13.8	40
11	Purification and Characterization of Phosphonoglycans from <i>Glycomyces</i> sp. Strain NRRL B-16210 and <i>Stackebrandtia nassauensis</i> NRRL B-16338. Journal of Bacteriology, 2014, 196, 1768-1779.	2.2	27
12	Cyanohydrin Phosphonate Natural Product from <i>Streptomyces regensis</i> . Journal of Natural Products, 2014, 77, 243-249.	3.0	24
13	Insights into Tissue-specific Specialized Metabolism in Tieguanyin Tea Cultivar by Untargeted Metabolomics. Molecules, 2018, 23, 1817.	3.8	24
14	New Insights into Stress-Induced $\hat{1}^2$ -Ocimene Biosynthesis in Tea (<i>Camellia sinensis</i>) Leaves during Oolong Tea Processing. Journal of Agricultural and Food Chemistry, 2021, 69, 11656-11664.	5.2	21
15	Conserved biosynthetic pathways for phosalacine, bialaphos and newly discovered phosphonic acid natural products. Journal of Antibiotics, 2016, 69, 15-25.	2.0	20
16	Neuroprotective and Anti-Amyloid $\hat{1}^2$ Effect and Main Chemical Profiles of White Tea: Comparison Against Green, Oolong and Black Tea. Molecules, 2019, 24, 1926.	3.8	19
17	Production of purple Ma bamboo (<i>Dendrocalamus latiflorus</i> Munro) with enhanced drought and cold stress tolerance by engineering anthocyanin biosynthesis. Planta, 2021, 254, 50.	3.2	15
18	H and HL synergistically regulate jasmonate-triggered trichome formation in tomato. Horticulture Research, 2022, 9, .	6.3	14

#	ARTICLE	IF	CITATIONS
19	Access to chiral 1±-substituted-1 ² -hydroxy arylphosphonates enabled by biocatalytic dynamic reductive kinetic resolution. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2672-2677.	2.8	9
20	Draft Genome Sequence of <i>Streptomyces</i> sp. XY006, an Endophyte Isolated from Tea (<i>Camellia</i>) Tj ETQ0000 rgBT/Overlock	0.8	7
21	Expression and characterization of inhA gene from <i>Bacillus thuringiensis</i> 8010. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1621-1625.	3.6	4
22	RAP-PCR fingerprinting reveals time-dependent expression of development-related genes following differentiation process of <i>Bacillus thuringiensis</i> . <i>Canadian Journal of Microbiology</i> , 2015, 61, 683-690.	1.7	2
23	Draft Genome Sequence of <i>Paenibacillus</i> sp. XY044, a Potential Plant Growth Promoter Isolated from a Tea Plant. <i>Genome Announcements</i> , 2017, 5, .	0.8	1