

Qunfeng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

419
citations

1040056

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1199594

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docs citations

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407
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutamate dehydrogenase isogenes CsGDHs cooperate with glutamine synthetase isogenes CsGSs to assimilate ammonium in tea plant (<i>Camellia sinensis</i> L.). <i>Plant Science</i> , 2021, 312, 111031.	3.6	10
2	Accumulation of Amino Acids and Flavonoids in Young Tea Shoots Is Highly Correlated With Carbon and Nitrogen Metabolism in Roots and Mature Leaves. <i>Frontiers in Plant Science</i> , 2021, 12, 756433.	3.6	11
3	Preferential assimilation of NH ₄ ⁺ over NO ₃ ⁻ in tea plant associated with genes involved in nitrogen transportation, utilization and catechins biosynthesis. <i>Plant Science</i> , 2020, 291, 110369.	3.6	33
4	Isolation and characterization of chloroplastic glutamine synthetase gene (CsGS2) in tea plant <i>Camellia sinensis</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 155, 321-329.	5.8	4
5	iTRAQ-based proteomic analysis provides insights into the biological mechanism of ammonium metabolism in tea plant (<i>Camellia sinensis</i> L.). <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	3
6	Dynamics of nitrogen translocation from mature leaves to new shoots and related gene expression during spring shoots development in tea plants (<i>Camellia sinensis</i> L.). <i>Journal of Plant Nutrition and Soil Science</i> , 2020, 183, 180-191.	1.9	15
7	Short-term inhibition of glutamine synthetase leads to reprogramming of amino acid and lipid metabolism in roots and leaves of tea plant (<i>Camellia sinensis</i> L.). <i>BMC Plant Biology</i> , 2019, 19, 425.	3.6	25
8	Analyses of transcriptome profiles and selected metabolites unravel the metabolic response to NH ₄ ⁺ and NO ₃ ⁻ as signaling molecules in tea plant (<i>Camellia sinensis</i> L.). <i>Scientia Horticulturae</i> , 2017, 218, 293-303.	3.6	32
9	Metabolomics analysis reveals the metabolic and functional roles of flavonoids in light-sensitive tea leaves. <i>BMC Plant Biology</i> , 2017, 17, 64.	3.6	93
10	Integrated Transcriptome and Metabolic Analyses Reveals Novel Insights into Free Amino Acid Metabolism in Huangjinya Tea Cultivar. <i>Frontiers in Plant Science</i> , 2017, 8, 291.	3.6	38
11	Lipidomics analysis unravels the effect of nitrogen fertilization on lipid metabolism in tea plant (<i>Camellia sinensis</i> L.). <i>BMC Plant Biology</i> , 2017, 17, 165.	3.6	64
12	Metabolomic Analysis Using Ultra-Performance Liquid Chromatography-Quadrupole-Time of Flight Mass Spectrometry (UPLC-Q-TOF MS) Uncovers the Effects of Light Intensity and Temperature under Shading Treatments on the Metabolites in Tea. <i>PLoS ONE</i> , 2014, 9, e112572.	2.5	91