

Yu-Yan An

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

479
citations

759233

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23
docs citations

23
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	ALA Pretreatment Improves Waterlogging Tolerance of Fig Plants. <i>PLoS ONE</i> , 2016, 11, e0147202.	2.5	53
2	Proteomics and SSH Analyses of ALA-Promoted Fruit Coloration and Evidence for the Involvement of a MADS-Box Gene, MdMADS1. <i>Frontiers in Plant Science</i> , 2016, 7, 1615.	3.6	48
3	ALA Inhibits ABA-induced Stomatal Closure via Reducing H ₂ O ₂ and Ca ²⁺ Levels in Guard Cells. <i>Frontiers in Plant Science</i> , 2016, 7, 482.	3.6	43
4	Exogenous 5-aminolevulinic acid improves strawberry tolerance to osmotic stress and its possible mechanisms. <i>Physiologia Plantarum</i> , 2020, 168, 948-962.	5.2	36
5	<i>Prunella vulgaris</i> L. hairy roots: Culture, growth, and elicitation by ethephon and salicylic acid. <i>Engineering in Life Sciences</i> , 2016, 16, 494-502.	3.6	29
6	24-Epibrassinolide enhances 5-ALA-induced anthocyanin and flavonol accumulation in calli of 'Fuji' apple flesh. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 134, 319-330.	2.3	28
7	Hydrogen peroxide as a mediator of 5-aminolevulinic acid-induced Na ⁺ retention in roots for improving salt tolerance of strawberries. <i>Physiologia Plantarum</i> , 2019, 167, 5-20.	5.2	26
8	ALA-Induced Flavonols Accumulation in Guard Cells Is Involved in Scavenging H ₂ O ₂ and Inhibiting Stomatal Closure in <i>Arabidopsis</i> Cotyledons. <i>Frontiers in Plant Science</i> , 2016, 7, 1713.	3.6	25
9	5-Aminolevulinic Acid Thins Pear Fruits by Inhibiting Pollen Tube Growth via Ca ²⁺ -ATPase-Mediated Ca ²⁺ Efflux. <i>Frontiers in Plant Science</i> , 2016, 7, 121.	3.6	22
10	Rhizospheric application with 5-aminolevulinic acid improves coloration and quality in 'Fuji' apples. <i>Scientia Horticulturae</i> , 2017, 224, 74-83.	3.6	22
11	Transcriptomic Analysis of <i>Ficus carica</i> Peels with a Focus on the Key Genes for Anthocyanin Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1245.	4.1	20
12	5-Aminolevulinic acid (ALA) promotes primary root elongation through modulation of auxin transport in <i>Arabidopsis</i> . <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	14
13	Transcriptomic Profiling of Apple Calli With a Focus on the Key Genes for ALA-Induced Anthocyanin Accumulation. <i>Frontiers in Plant Science</i> , 2021, 12, 640606.	3.6	14
14	Effect of 5-Aminolevulinic Acid (5-ALA) on Leaf Chlorophyll Fast Fluorescence Characteristics and Mineral Element Content of <i>Buxus megistophylla</i> Grown along Urban Roadsides. <i>Horticulturae</i> , 2021, 7, 95.	2.8	14
15	Genome-wide identification and comparative analysis of GST gene family in apple (<i>Malus domestica</i>) and their expressions under ALA treatment. <i>3 Biotech</i> , 2020, 10, 307.	2.2	13
16	FcMADS9 of fig regulates anthocyanin biosynthesis. <i>Scientia Horticulturae</i> , 2021, 278, 109820.	3.6	13
17	PP2A and microtubules function in 5-aminolevulinic acid-mediated H ₂ O ₂ signaling in <i>Arabidopsis</i> guard cells. <i>Physiologia Plantarum</i> , 2020, 168, 709-724.	5.2	12
18	Different responses of photosystem II and antioxidants to drought stress in two contrasting populations of Sour jujube from the Loess Plateau, China. <i>Ecological Research</i> , 2016, 31, 761-775.	1.5	9

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19	MdSCL8 as a Negative Regulator Participates in ALA-Induced FLS1 to Promote Flavonol Accumulation in Apples. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2033.	4.1	9
20	A BTB/POZ domain-containing protein negatively regulates plant immunity in <i>Nicotiana benthamiana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2022, 600, 54-59.	2.1	9
21	ALA inhibits pear pollen tube growth through regulation of vesicle trafficking. <i>Scientia Horticulturae</i> , 2018, 241, 41-50.	3.6	8
22	Photosynthetic Responses of Canola to Exogenous Application or Endogenous Overproduction of 5-Aminolevulinic Acid (ALA) under Various Nitrogen Levels. <i>Plants</i> , 2020, 9, 1419.	3.5	8
23	5-Aminolevulinic acid-induced salt tolerance in strawberry (cv. "Benihoppe"): Possible role of nitric oxide on interception of salt ions in roots. <i>Scientia Horticulturae</i> , 2022, 304, 111294.	3.6	4