Yu-Yan An

List of Publications by Year
in descending order

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23 papers	479 citations	759233 12 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	396 citing authors

#	Article	IF	Citations
1	MdSCL8 as a Negative Regulator Participates in ALA-Induced FLS1 to Promote Flavonol Accumulation in Apples. International Journal of Molecular Sciences, 2022, 23, 2033.	4.1	9
2	A BTB/POZ domain-containing protein negatively regulates plant immunity in Nicotiana benthamiana. Biochemical and Biophysical Research Communications, 2022, 600, 54-59.	2.1	9
3	5-Aminolevulinic acid-induced salt tolerance in strawberry (cv. â€˜Benihoppeâ€™): Possible role of nitric oxide on interception of salt ions in roots. Scientia Horticulturae, 2022, 304, 111294.	3.6	4
4	FcMADS9 of fig regulates anthocyanin biosynthesis. Scientia Horticulturae, 2021, 278, 109820.	3.6	13
5	Transcriptomic Profiling of Apple Calli With a Focus on the Key Genes for ALA-Induced Anthocyanin Accumulation. Frontiers in Plant Science, 2021, 12, 640606.	3.6	14
6	Effect of 5-Aminolevulinic Acid (5-ALA) on Leaf Chlorophyll Fast Fluorescence Characteristics and Mineral Element Content of Buxus megistophylla Grown along Urban Roadsides. Horticulturae, 2021, 7, 95.	2.8	14
7	PP2A and microtubules function in 5â€aminolevulinic acidâ€mediated H₂O₂ signaling in Arabidopsis guard cells. Physiologia Plantarum, 2020, 168, 709-724.	5.2	12
8	Exogenous 5â€aminolevulinic acid improves strawberry tolerance to osmotic stress and its possible mechanisms. Physiologia Plantarum, 2020, 168, 948-962.	5.2	36
9	Photosynthetic Responses of Canola to Exogenous Application or Endogenous Overproduction of 5-Aminolevulinic Acid (ALA) under Various Nitrogen Levels. Plants, 2020, 9, 1419.	3.5	8
10	Genome-wide identification and comparative analysis of GST gene family in apple (Malus domestica) and their expressions under ALA treatment. 3 Biotech, 2020, 10, 307.	2.2	13
11	Transcriptomic Analysis of Ficus carica Peels with a Focus on the Key Genes for Anthocyanin Biosynthesis. International Journal of Molecular Sciences, 2020, 21, 1245.	4.1	20
12	5-Aminolevulinic acid (ALA) promotes primary root elongation through modulation of auxin transport in Arabidopsis. Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	14
13	Hydrogen peroxide as a mediator of 5â€aminolevulinic acidâ€induced Na⁺ retention in roots for improving salt tolerance of strawberries. Physiologia Plantarum, 2019, 167, 5-20.	5.2	26
14	24-Epibrassinolide enhances 5-ALA-induced anthocyanin and flavonol accumulation in calli of â€˜Fujiâ€™ apple flesh. Plant Cell, Tissue and Organ Culture, 2018, 134, 319-330.	2.3	28
15	ALA inhibits pear pollen tube growth through regulation of vesicle trafficking. Scientia Horticulturae, 2018, 241, 41-50.	3.6	8
16	Rhizospheric application with 5-aminolevulinic acid improves coloration and quality in â€˜Fujiâ€™ apples. Scientia Horticulturae, 2017, 224, 74-83.	3.6	22
17	5-Aminolevulinic Acid Thins Pear Fruits by Inhibiting Pollen Tube Growth via Ca2+-ATPase-Mediated Ca2+ Efflux. Frontiers in Plant Science, 2016, 7, 121.	3.6	22
18	ALA Inhibits ABA-induced Stomatal Closure via Reducing H2O2 and Ca2+ Levels in Guard Cells. Frontiers in Plant Science, 2016, 7, 482.	3.6	43

#	Article	IF	Citations
19	Proteomics and SSH Analyses of ALA-Promoted Fruit Coloration and Evidence for the Involvement of a MADS-Box Gene, MdMADS1. Frontiers in Plant Science, 2016, 7, 1615.	3.6	48
20	ALA-Induced Flavonols Accumulation in Guard Cells Is Involved in Scavenging H2O2 and Inhibiting Stomatal Closure in Arabidopsis Cotyledons. Frontiers in Plant Science, 2016, 7, 1713.	3.6	25
21	Prunella vulgaris L. hairy roots: Culture, growth, and elicitation by ethephon and salicylic acid. Engineering in Life Sciences, 2016, 16, 494-502.	3.6	29
22	Different responses of photosystem II and antioxidants to drought stress in two contrasting populations of Sour jujube from the Loess Plateau, China. Ecological Research, 2016, 31, 761-775.	1.5	9
23	ALA Pretreatment Improves Waterlogging Tolerance of Fig Plants. PLoS ONE, 2016, 11, e0147202.	2.5	53