

Muhammad Mobeen Tahir

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of darkness treatment on the morphology, hormone status and gene expression of developing adventitious root in apple rootstock. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 148, 331-346.	2.3	4
2	Nitrate Application Induces Adventitious Root Growth by Regulating Gene Expression Patterns in Apple Rootstocks. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 3467-3478.	5.1	7
3	Transcriptome Analysis Reveals Multiple Genes and Complex Hormonal-Mediated Interactions with PEG during Adventitious Root Formation in Apple. <i>International Journal of Molecular Sciences</i> , 2022, 23, 976.	4.1	8
4	Insights into Factors Controlling Adventitious Root Formation in Apples. <i>Horticulturae</i> , 2022, 8, 276.	2.8	9
5	MdMTA-mediated m ⁶ A modification enhances drought tolerance by promoting mRNA stability and translation efficiency of genes involved in lignin deposition and oxidative stress. <i>New Phytologist</i> , 2022, 234, 1294-1314.	7.3	38
6	Transcriptome analysis reveals that cytokinins inhibit adventitious root formation through the MdRR12-MdCRF8 module in apple rootstock. <i>Plant Science</i> , 2022, 318, 111220.	3.6	4
7	Engineering drought-tolerant apple by knocking down six <i>GH3</i> genes and potential application of transgenic apple as a rootstock. <i>Horticulture Research</i> , 2022, 9, .	6.3	15
8	Genome-wide identification of the 14 ³⁻³ gene family and its participation in floral transition by interacting with TFL1/FT in apple. <i>BMC Genomics</i> , 2021, 22, 41.	2.8	25
9	The TAZ domain-containing proteins play important role in the heavy metals stress biology in plants. <i>Environmental Research</i> , 2021, 197, 111030.	7.5	15
10	Transcriptome analysis reveals the inhibitory nature of high nitrate during adventitious roots formation in the apple rootstock. <i>Physiologia Plantarum</i> , 2021, 173, 867-882.	5.2	16
11	Regulation of Flowering Time by Improving Leaf Health Markers and Expansion by Salicylic Acid Treatment: A New Approach to Induce Flowering in <i>Malus domestica</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 655974.	3.6	6
12	Transcriptome analysis reveals the promotive effect of potassium by hormones and sugar signaling pathways during adventitious roots formation in the apple rootstock. <i>Plant Physiology and Biochemistry</i> , 2021, 165, 123-136.	5.8	20
13	Melatonin promotes adventitious root formation in apple by promoting the function of MdWOX11. <i>BMC Plant Biology</i> , 2020, 20, 536.	3.6	34
14	Zinc Finger-Homeodomain Genes: Evolution, Functional Differentiation, and Expression Profiling Under Flowering-Related Treatments and Abiotic Stresses in Plants. <i>Evolutionary Bioinformatics</i> , 2019, 15, 117693431986793.	1.2	19
15	Dynamic Cytosine DNA Methylation Patterns Associated with mRNA and siRNA Expression Profiles in Alternate Bearing Apple Trees. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5250-5264.	5.2	14
16	Comprehensive analysis of GASA family members in the <i>Malus domestica</i> genome: identification, characterization, and their expressions in response to apple flower induction. <i>BMC Genomics</i> , 2017, 18, 827.	2.8	64
17	Effect of exogenous abscisic acid (ABA) on the morphology, phytohormones, and related gene expression of developing lateral roots in 'Qingzhen 1' apple plants. <i>Plant Cell, Tissue and Organ Culture</i> , 0, , 1.	2.3	9