

Xiaolin Ren

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Pathogenic Fungi Diversity of “CuiXiang”™ Kiwifruit Black Spot Disease during Storage. <i>Horticulturae</i> , 2022, 8, 13.	2.8	5
2	Rapid Identification of Apple Maturity Based on Multispectral Sensor Combined with Spectral Shape Features. <i>Horticulturae</i> , 2022, 8, 361.	2.8	9
3	Integration of morphological, physiological and multi-omics analysis reveals a comprehensive mechanism for cuticular wax during development of greasiness in postharvest apples. <i>Food Research International</i> , 2022, 157, 111429.	6.2	6
4	MdNup62 interactions with MdHSFs involved in flowering and heat-stress tolerance in apple. <i>BMC Plant Biology</i> , 2022, 22, .	3.6	5
5	Identification of MdMED family, key role of MdMED81, and salicylic acid at the right time of year triggers MdMED81 to induce flowering in <i>Malus domestica</i> . <i>Scientia Horticulturae</i> , 2022, 304, 111341.	3.6	3
6	MdKNOX19, a class II knotted-like transcription factor of apple, plays roles in ABA signalling/sensitivity by targeting ABI5 during organ development. <i>Plant Science</i> , 2021, 302, 110701.	3.6	15
7	Determination of volatile profiles inside apple fruit storage facilities using Monotrap®, a monolithic silica adsorbent and GC-MS. <i>Horticultural Plant Journal</i> , 2021, 7, 267-274.	5.0	2
8	Transcriptional Regulation of Anthocyanin Synthesis by MYB-bHLH-WDR Complexes in Kiwifruit (<i>Actinidia chinensis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3677-3691.	5.2	62
9	Molecular mechanism of MdWUS2-MdTCP12 interaction in mediating cytokinin signaling to control axillary bud outgrowth. <i>Journal of Experimental Botany</i> , 2021, 72, 4822-4838.	4.8	10
10	New insights on phenolic compound metabolism in pomegranate fruit during storage. <i>Scientia Horticulturae</i> , 2021, 285, 110138.	3.6	13
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	Lycopene β -cyclase plays a critical role in carotenoid biosynthesis during persimmon fruit development and postharvest ripening. <i>Scientia Horticulturae</i> , 2021, 287, 110265.	3.6	5
13	Modification of the effect of maturity variation on nondestructive detection of apple quality based on the compensation model. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 267, 120598.	3.9	5
14	Chronic cement dust load induce novel damages in foliage and buds of <i>Malus domestica</i> . <i>Scientific Reports</i> , 2020, 10, 12186.	3.3	29
15	Genomic identification and expression analysis of nuclear pore proteins in <i>Malus domestica</i> . <i>Scientific Reports</i> , 2020, 10, 17426.	3.3	10
16	Polyphenol oxidase plays a critical role in melanin formation in the fruit skin of persimmon (<i>Diospyros kaki</i> cv. “Heishi”). <i>Food Chemistry</i> , 2020, 330, 127253.	8.2	21
17	Genome-Wide Identification of the MdKNOX Gene Family and Characterization of Its Transcriptional Regulation in <i>Malus domestica</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 128.	3.6	24
18	Insights into the aroma profiles and characteristic aroma of “Honeycrisp”™ apple (<i>Malus domestica</i>). <i>Food Chemistry</i> , 2020, 327, 127074.	8.2	50

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19	Phenolic compounds and antioxidant activity in red- and in green-fleshed kiwifruits. <i>Food Research International</i> , 2019, 116, 291-301.	6.2	46
20	Effects of Chronic Dust Load On Leaf Pigments of the Landscape Plant <i>Murraya Paniculata</i> . <i>Gesunde Pflanzen</i> , 2019, 71, 249-258.	3.0	10
21	Identification and characterization of AcUFCT6b, a xylosyltransferase involved in anthocyanin modification in red-fleshed kiwifruit (<i>Actinidia chinensis</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 257-271.	2.3	7
22	Antioxidant capacity and hepatoprotective activity of myristic acid acylated derivative of phloridzin. <i>Heliyon</i> , 2019, 5, e01761.	3.2	16
23	Effects of Brassinosteroid Associated with Auxin and Gibberellin on Apple Tree Growth and Gene Expression Patterns. <i>Horticultural Plant Journal</i> , 2019, 5, 93-108.	5.0	23
24	Cement dust induce stress and attenuates photosynthesis in <i>Arachis hypogaea</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 19490-19501.	5.3	11
25	Molecular cloning and functional characterization of AcGST1, an anthocyanin-related glutathione S-transferase gene in kiwifruit (<i>Actinidia chinensis</i>). <i>Plant Molecular Biology</i> , 2019, 100, 451-465.	3.9	46
26	Biochemical and functional characterization of <i>AcUFCT3a</i> , a galactosyltransferase involved in anthocyanin biosynthesis in the red-fleshed kiwifruit (<i>Actinidia chinensis</i>). <i>Physiologia Plantarum</i> , 2018, 162, 409-426.	5.2	32
27	Potassium fertilization arrests malate accumulation and alters soluble sugar metabolism in apple fruit. <i>Biology Open</i> , 2018, 7, .	1.2	19
28	Effects of epigallocatechin-3-gallate (EGCG) on skin greasiness and related gene expression in "Jonagold" apple fruit during ambient storage. <i>Postharvest Biology and Technology</i> , 2018, 143, 28-34.	6.0	13
29	Classification of impact injury of apples using electronic nose coupled with multivariate statistical analyses. <i>Journal of Food Process Engineering</i> , 2018, 41, e12698.	2.9	17
30	Persimmon peel destringency by CO ₂ and ethanol combination: Product quality and polyphenols bioavailability. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13665.	2.0	3
31	MdHB1 down-regulation activates anthocyanin biosynthesis in the white-fleshed apple cultivar "Granny Smith". <i>Journal of Experimental Botany</i> , 2017, 68, 1055-1069.	4.8	76
32	Expression Differences of Pigment Structural Genes and Transcription Factors Explain Flesh Coloration in Three Contrasting Kiwifruit Cultivars. <i>Frontiers in Plant Science</i> , 2017, 8, 1507.	3.6	61
33	The <i>FOUR LIPS</i> and <i>MYB88</i> transcription factor genes are widely expressed in <i>Arabidopsis thaliana</i> during development. <i>American Journal of Botany</i> , 2015, 102, 1521-1528.	1.7	12
34	Non-destructive measurement of fracturability and chewiness of apple by FT-NIRS. <i>Journal of Food Science and Technology</i> , 2015, 52, 258-266.	2.8	7
35	Ascorbate levels and activities of enzymes related to the glutathione-ascorbate cycle in fruits of Chinese persimmon cultivars. <i>Horticulture Environment and Biotechnology</i> , 2014, 55, 315-321.	2.1	5