

# Xiaolin Ren

## List of Publications by Year in descending order

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35  
papers

686  
citations

687363

13  
h-index

610901

24  
g-index

37  
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37  
docs citations

37  
times ranked

614  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Phenolic compounds and antioxidant activity in red- and in green-fleshed kiwifruits. <i>Food Research International</i> , 2019, 116, 291-301.	6.2	46
6	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
7	Biochemical and functional characterization of <i>AcUFGT3a</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
8	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
9	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
10	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
11	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
12	Potassium fertilization arrests malate accumulation and alters soluble sugar metabolism in apple fruit. <i>Biology Open</i> , 2018, 7, .	1.2	19
13	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
14	Antioxidant capacity and hepatoprotective activity of myristic acid acylated derivative of phloridzin. <i>Heliyon</i> , 2019, 5, e01761.	3.2	16
15	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
16	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
17	New insights on phenolic compound metabolism in pomegranate fruit during storage. <i>Scientia Horticulturae</i> , 2021, 285, 110138.	3.6	13
18	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

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19	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
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	Genomic identification and expression analysis of nuclear pore proteins in <i>Malus domestica</i> . <i>Scientific Reports</i> , 2020, 10, 17426.	3.3	10
22	Molecular mechanism of MdWUS2â€™MdTCP12 interaction in mediating cytokinin signaling to control axillary bud outgrowth. <i>Journal of Experimental Botany</i> , 2021, 72, 4822-4838.	4.8	10
23	Rapid Identification of Apple Maturity Based on Multispectral Sensor Combined with Spectral Shape Features. <i>Horticulturae</i> , 2022, 8, 361.	2.8	9
24	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
25	Identification and characterization of AcUFGT6b, 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
26	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
27	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
28	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
29	Lycopene Î²-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
30	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
31	Pathogenic Fungi Diversity of â€™CuiXiangâ€™™ Kiwifruit Black Spot Disease during Storage. <i>Horticulturae</i> , 2022, 8, 13.	2.8	5
32	MdNup62 interactions with MdHSFs involved in flowering and heat-stress tolerance in apple. <i>BMC Plant Biology</i> , 2022, 22, .	3.6	5
33	Persimmon peel deastringency by CO2 and ethanol combination: Product quality and polyphenols bioavailability. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13665.	2.0	3
34	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
35	Determination of volatile profiles inside apple fruit storage facilities using Monotrapâ€™,¢ monolithic silica adsorbent and GCâ€™MS. <i>Horticultural Plant Journal</i> , 2021, 7, 267-274.	5.0	2