

Nan Zhu

List of Publications by Year in descending order

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1170033

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270
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#	ARTICLE	IF	CITATIONS
1	Biosynthetic labeling with 3-O-propargylcaffeyl alcohol reveals in vivo cell-specific patterned lignification in loquat fruits during development and postharvest storage. <i>Horticulture Research</i> , 2021, 8, 61.	2.9	11
2	Hybrid Label-Free Molecular Microscopies for Simultaneous Visualization of Changes in Cell Wall Polysaccharides of Peach at Single- and Multiple-Cell Levels during Postharvest Storage. <i>Cells</i> , 2020, 9, 761.	1.8	12
3	Morphology and cell wall composition changes in lignified cells from loquat fruit during postharvest storage. <i>Postharvest Biology and Technology</i> , 2019, 157, 110975.	2.9	27
4	Label-free visualization of lignin deposition in loquats using complementary stimulated and spontaneous Raman microscopy. <i>Horticulture Research</i> , 2019, 6, 72.	2.9	16
5	Label-free visualization of fruit lignification: Raman molecular imaging of loquat lignified cells. <i>Plant Methods</i> , 2018, 14, 58.	1.9	30
6	Feasibility Study on Quantitative Pixel-Level Visualization of Internal Quality at Different Cross Sections Inside Postharvest Loquat Fruit. <i>Food Analytical Methods</i> , 2017, 10, 287-297.	1.3	10
7	Quantitative visualization of pectin distribution maps of peach fruits. <i>Scientific Reports</i> , 2017, 7, 9275.	1.6	15
8	A primary study on forecasting the days before decay of peach fruit using near-infrared spectroscopy and electronic nose techniques. <i>Postharvest Biology and Technology</i> , 2017, 133, 104-112.	2.9	64
9	Study on the quantitative measurement of firmness distribution maps at the pixel level inside peach pulp. <i>Computers and Electronics in Agriculture</i> , 2016, 130, 48-56.	3.7	24