

Zichen Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9121692/publications.pdf>

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16
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#	ARTICLE	IF	CITATIONS
1	UV excited fluorescence image-based non-destructive method for early detection of strawberry (<i>Fragaria</i> – <i>Ananassa</i>) spoilage. <i>Food Chemistry</i> , 2022, 368, 130776.	8.2	14
2	Japanese dace (<i>Tribolodon hakonensis</i>) fish freshness estimation using front-face fluorescence spectroscopy coupled with chemometric analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121209.	3.9	5
3	A sound-based positioning system with centimeter accuracy for mobile robots in a greenhouse using frequency shift compensation. <i>Computers and Electronics in Agriculture</i> , 2021, 187, 106235.	7.7	13
4	Evaluating Japanese dace (<i>Tribolodon hakonensis</i>) fish freshness during storage using multispectral images from visible and UV excited fluorescence. <i>LWT - Food Science and Technology</i> , 2021, 151, 112207.	5.2	12
5	Spread Spectrum Sound with TDMA and INS Hybrid Navigation System for Indoor Environment. <i>Journal of Robotics and Mechatronics</i> , 2021, 33, 1315-1325.	1.0	0
6	Temperature-Compensated Spread Spectrum Sound-Based Local Positioning System for Greenhouse Operations. <i>IoT</i> , 2020, 1, 147-160.	3.8	4
7	Potato (<i>Solanum tuberosum</i> L.) tuber-root modeling method based on physical properties. <i>PLoS ONE</i> , 2020, 15, e0239093.	2.5	3
8	Position and orientation measurement system using spread spectrum sound for greenhouse robots. <i>Biosystems Engineering</i> , 2020, 198, 50-62.	4.3	7
9	A Noise Tolerant Spread Spectrum Sound-Based Local Positioning System for Operating a Quadcopter in a Greenhouse. <i>Sensors</i> , 2020, 20, 1981.	3.8	8
10	Indoor Navigation System by Combining Ultrasonic Wave TOA and Inertial Measurement. , 2020, , .		2
11	Potato (<i>Solanum tuberosum</i> L.) tuber-root modeling method based on physical properties. , 2020, 15, e0239093.		0
12	Potato (<i>Solanum tuberosum</i> L.) tuber-root modeling method based on physical properties. , 2020, 15, e0239093.		0
13	Potato (<i>Solanum tuberosum</i> L.) tuber-root modeling method based on physical properties. , 2020, 15, e0239093.		0
14	Potato (<i>Solanum tuberosum</i> L.) tuber-root modeling method based on physical properties. , 2020, 15, e0239093.		0
15	Noise Tolerance Evaluation of Spread Spectrum Sound-based Positioning System for a Quadcopter in a Greenhouse. <i>IFAC-PapersOnLine</i> , 2019, 52, 239-242.	0.9	3
16	Greenhouse Based Orientation Measurement System using Spread Spectrum Sound. <i>IFAC-PapersOnLine</i> , 2018, 51, 108-111.	0.9	4