Zichen Huang

List of Publications by Year
in descending order

16	75	1684188 5	1588992 8
papers	citations	h-index	g-index

16	16	16	32
all docs	docs citations	times ranked	citing authors

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