

Kamarulzaman Kamarudin

List of Publications by Year in descending order

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15
papers

156
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1478505

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1281871

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130
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction Model for Metal Oxide Sensor Drift Caused by Ambient Temperature and Humidity. <i>Sensors</i> , 2022, 22, 3301.	3.8	12
2	A Highly Sensitive Room Temperature CO ₂ Gas Sensor Based on SnO ₂ -rGO Hybrid Composite. <i>Materials</i> , 2021, 14, 522.	2.9	33
3	Effect of Environmental Temperature and Humidity on Different Metal Oxide Gas Sensors at Various Gas Concentration Levels. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 864, 012152.	0.6	16
4	Analysis on filtering performance of solar powered water treatment device (SWAD) prototype. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
5	Multi-Domain Airflow Modeling and Ventilation Characterization Using Mobile Robots, Stationary Sensors and Machine Learning. <i>Sensors</i> , 2019, 19, 1119.	3.8	3
6	Gas Source Localization via Behaviour Based Mobile Robot and Weighted Arithmetic Mean. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 318, 012049.	0.6	3
7	Human 3D Reconstruction and Identification Using Kinect Sensor. , 2018, , .		1
8	Mobile Robot Based Simultaneous Localization and Mapping in UniMAP's Unknown Environment. , 2018, , .		3
9	Integrating SLAM and gas distribution mapping (SLAM-GDM) for real-time gas source localization. <i>Advanced Robotics</i> , 2018, 32, 903-917.	1.8	24
10	Development of a Scalable Testbed for Mobile Olfaction Verification. <i>Sensors</i> , 2015, 15, 30894-30912.	3.8	6
11	FEASIBILITY ANALYSIS OF 2D-SLAM USING COMBINATION OF KINECT AND LASER SCANNER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 76, .	0.4	1
12	Flexible and Autonomous Integrated System for Characterizing Metal Oxide Gas Sensor Response in Dynamic Environment. <i>Instrumentation Science and Technology</i> , 2015, 43, 74-88.	1.8	8
13	Performance Analysis of the Microsoft Kinect Sensor for 2D Simultaneous Localization and Mapping (SLAM) Techniques. <i>Sensors</i> , 2014, 14, 23365-23387.	3.8	34
14	A real-time greenhouse monitoring system for mango with Wireless Sensor Network (WSN). , 2014, , .		7
15	Braitenberg swarm vehicles for odour plume tracking in laminar airflow. , 2013, , .		4