Mohd Hairi Mohd Zaman

List of Publications by Year
in descending order

25 papers	**49** citations	2258059 **3** h-index	2053705 **5** g-index
26 all docs	**26** docs citations	**26** times ranked	**23** citing authors

#	Article	IF	Citations
1	Characterization of voltage regulators by automated equivalent series resistance. , 2014, , .		5
2	Neural Network Based Prediction of Stable Equivalent Series Resistance in Voltage Regulator Characterization. Bulletin of Electrical Engineering and Informatics, 2018, 7, 134-142.	0.8	5
3	PSO-Based Oscillatory Stability Assessment by Using the Torque Coefficients for SMIB. Energies, 2020, 13, 1231.	3.1	4
4	Strengthening programming skills among engineering students through experiential learning based robotics project. International Journal of Evaluation and Research in Education, 2020, 9, 939.	0.7	4
5	Oscillatory Stability Prediction Using PSO Based Synchronizing and Damping Torque Coefficients. Bulletin of Electrical Engineering and Informatics, 2018, 7, 331-344.	0.8	3
6	Critical Equivalent Series Resistance Estimation for Voltage Regulator Stability Using Hybrid System Identification and Neural Network. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1381.	0.4	3
7	Optimizing the lateral beamforming step for filtered-delay multiply and sum beamforming to improve active contour segmentation using ultrafast ultrasound imaging. Biomedical Signal Processing and Control, 2022, 71, 103267.	5.7	3
8	Weed Classification Based on Statistical Features from Gabor Transform Magnitude. , 2021, , .		3
9	Li-Ion Battery Pack Charging Process and Monitoring in Electric Vehicle. Applied Mechanics and Materials, 0, 663, 504-509.	0.2	2
10	Black-box modeling of low dropout voltage regulator based on two-port network parameter identification. , 2015, , .		2
11	A programmable transcutaneous electrical nerve stimulation device based on arduino and remote control using a smartphone. International Journal of Advanced Technology and Engineering Exploration, 2021, 8, 320-327.	0.6	2
12	An enhanced frontier strategy with global search target-assignment approach for autonomous robotic area exploration. International Journal of Advanced Technology and Engineering Exploration, 2021, 8, 283-291.	0.6	2
13	Noninvasive Stability Measurement of Linear Voltage Regulator in the Closed-loop Condition. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 167-172.	0.2	2
14	Integration of 3D printing in computer-aided design and engineering course. International Journal of Evaluation and Research in Education, 2020, 9, 934.	0.7	2
15	An optimal placement of phasor measurement unit using new sensitivity indices. Bulletin of Electrical Engineering and Informatics, 2021, 10, 31-38.	0.8	1
16	Despeckling Ultrasound B-Mode Images Denoised by a New Unsharp Masking Method for Improved Cyst Segmentation. , 2021, , .		1
17	A Genetic Algorithm with Online Learning Approach for Improving Loop Closure Detection of a Visual SLAM. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 159-166.	0.2	1
18	Physical Parameter Estimation of Linear Voltage Regulators using Model-based Approach. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	1

#	Article	IF	Citations
19	Dual-Arm Robot with Mobile Robot Platform with Master-Slave Configuration for Teleoperation Application. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 685-688.	0.2	1
20	Failure Region Estimation of the Linear Voltage Regulator Using Model-Based Approach. , 2021, , .		1
21	Inter-rater reliability of accessing the intelligibility of band-limited transformed speech using nonlinear frequency compression. , 2014, , .		0
22	Failure Region Determination of Linear Voltage Regulator Using Data-driven and Model-based Virtual Sensing. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 173-181.	0.2	0
23	Resolving the Effect of Phase Errors on Ultrafast Ultrasound Plane Wave Imaging. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 233-237.	0.2	0
24	Automatic Mark Entry System Using Computer Vision-based Approach. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 680-684.	0.2	0
25	Phase Margin Estimation of Linear Voltage Regulator Using Noninvasive Stability Measurement and Optimized Regression. , 2022, , .		0