Khairul Azman Ahmad

List of Publications by Year
in descending order

26
papers

95
citations

3311381
1
h-index

3475538
1
g-index

26
all docs

26
docs citations

26
times ranked

61
citing authors

#	Article	IF	Citations
1	Towards Smart Agriculture Monitoring Using Fuzzy Systems. IEEE Access, 2021, 9, 4097-4111.	4.2	28
2	Air cavity-based vibrational piezoelectric energy harvesters. Electrical Engineering & Electromechanics, 2021, , 39-45.	0.6	0
3	Design of Spurs Gear for High Backdrivability Powered Knee Orthosis for FES-Assisted Knee Swing. , 2020, , .		1
4	Modelling of Lane Departure Warning System as Car-Driving Assistance using Android-Based System. , 2020, , .		1
5	Development of Powered Knee Orthosis for FES-Assisted Knee Swing. , 2019, , .		3
6	Design and Characterization of an Interdigitated Electrode PVDF based Energy Harvesting Device. , 2019, , .		2
7	Design of Fuzzy Logic Control for Automatic Switching OFF Electric Iron. , 2019, , .		0
8	Image Quality Assessment for Image Segmentation Algorithms: Qualitative and Quantitative Analyses. , 2019, , .		2
9	Design and Characterization Piezoelectric Acoustic Transducer for Sonar Application. , 2018, , .		2
10	Performance evaluation of LED Based sensor for water turbidity measurement. , 2018, , .		3
11	Development and Optimization of PID Control for FES Knee Exercise in Hemiplegic Rehabilitation. , 2018, , .		4
12	Design Flexural Piezoelectric Acoustic Transducers Array based d33 Mode Polarization. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 59.	0.8	0
13	Design of Polyimide based Piezoelectric Micromachined Ultrasonic Transducer for Underwater Imaging Application. , 2017, , .		2
14	Design and development of D33 mode piezoelectric acoustic transducer array using PVDF for underwater application. , 2017, , .		1
15	Sensing mechanism of water turbidity using LED for in situ monitoring system. , 2017, , .		5
16	PSO-based neural network controller for speed sensorless control of PMSM. , 2017, , .		2
17	Performance of loiter and auto navigation for quadcopter in mission planning application using open source platform. , 2017, , .		2
18	D33 mode based piezoelectric micromachined ultrasonic transducers. , 2017, , .		1

#	Article	IF	Citations
19	Particles contaminations detection during plasma etching process by using k-nearest neighbors and Fuzzy k-nearest neighbors. , 2016, , .		3
20	GA-tuned fuzzy logic control of knee-FES-ergometer for knee swinging exercise. , 2013, , .		3
21	Performance of Hybrid Radial Basis Function network: Adaptive Fuzzy K-Means versus Moving k-Means Clustering as centre positioning algorithms on cervical cell precancerous stage classification. , 2012, , .		2
22	A miniaturization using Surface Mount Technology of potentiometric indicator system for measuring human stress. , 2012, , .		2
23	Gel electrophoresis image segmentation with Otsu method based on Particle Swarm Optimization. , 2011, , .		4
24	Multilevel thresholding of gel electrophoresis images using firefly algorithm. , 2011, , .		5
25	Improvement of MRI brain classification using principal component analysis. , 2011, , .		15
26	Time-current characteristic measurement of overcurrent relay in power system using multilayer perceptron network. , 2010, , .		2