Mohd Zaid Abdullah

List of Publications by Year
in descending order

36	342	1163117 8	888059 17
papers	citations	h-index	g-index

36	36	36	390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Micro-crack detection of multicrystalline solar cells featuring an improved anisotropic diffusion filter and image segmentation technique. Eurasip Journal on Image and Video Processing, 2014, 2014, .	2.6	90
2	Assessment of quality of fruits using impedance spectroscopy. International Journal of Food Science and Technology, 2011, 46, 1303-1309.	2.7	41
3	Automatic detection of micro-crack in solar wafers and cells: a review. Transactions of the Institute of Measurement and Control, 2013, 35, 606-618.	1.7	30
4	Micro-crack detection of multicrystalline solar cells featuring shape analysis and support vector machines. , 2012, , .		18
5	A Low-Profile Hybrid Multi-Permittivity Dielectric Resonator Antenna With Perforated Structure for Ku and K Band Applications. IEEE Access, 2020, 8, 151219-151228.	4.2	18
6	Detection of Moderate Traumatic Brain Injury from Resting-State Eye-Closed Electroencephalography. Computational Intelligence and Neuroscience, 2020, 2020, 1-10.	1.7	16
7	Arrangements of Resting State Electroencephalography as the Input to Convolutional Neural Network for Biometric Identification. Computational Intelligence and Neuroscience, 2019, 2019, 1-10.	1.7	15
8	Seizure detection by means of Hidden Markov Model and Stationary Wavelet Transform of electroencephalograph signals. , 2012, , .		13
9	Literature survey on applications of electroencephalography (EEG). AIP Conference Proceedings, 2018, , .	0.4	11
10	Low electric field DNA separation and inâ€channel amperometric detection by microchip capillary electrophoresis. IET Nanobiotechnology, 2014, 8, 77-82.	3.8	9
11	High-Speed Fractal Image Compression Featuring Deep Data Pipelining Strategy. IEEE Access, 2018, 6, 71389-71403.	4.2	8
12	Convolutional Neural Network Utilizing Error-Correcting Output Codes Support Vector Machine for Classification of Non-Severe Traumatic Brain Injury From Electroencephalogram Signal. IEEE Access, 2021, 9, 24946-24964.	4.2	8
13	Irreversible bonding techniques for the fabrication of a leakage-free printed circuit board-based lab-on-chip in microfluidic platformsâ€"a review. Measurement Science and Technology, 2021, 32, 052001.	2.6	8
14	Micro-crack Detection of Polycrystalline Silicon Solar Wafer. IETE Technical Review (Institution of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	7
15	Prediction of Electrostatic Discharge (ESD) soft error on two-way radio using ESD simulation in CST and ESD immunity scanning technique. , 2014, , .		6
16	In-line photoluminescence imaging of crystalline silicon solar cells for micro-crack detection. , 2016, , .		6
17	Design of an Imaging System for Characterizing Microcracks in Crystalline Silicon Solar Cells Using Light Transflection. IEEE Journal of Photovoltaics, 2019, 9, 1097-1104.	2.5	6
18	Impact of Spatial Dynamic Search With Matching Threshold Strategy on Fractal Image Compression Algorithm Performance: Study. IEEE Access, 2020, 8, 52687-52699.	4.2	5

#	Article	IF	Citations
19	In-line optical micro-crack detection system for solar wafers. Transactions of the Institute of Measurement and Control, 2017, 39, 728-737.	1.7	4
20	Screening of Moderate Traumatic Brain Injury from Power Feature of Resting State Electroencephalography using Support Vector Machine. , 2019, , .		4
21	EEG-Based Biometric Close-Set Identification Using CNN-ECOC-SVM. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 723-732.	0.7	4
22	An Improved Full-search Fractal Image Compression Method with Dynamic Search Approach. , 2020, , .		3
23	Alteration in the Functional Organization of the Default Mode Network Following Closed Non-severe Traumatic Brain Injury. Frontiers in Neuroscience, 2022, 16, 833320.	2.8	3
24	Recent advancements in micro-crack inspection of crystalline silicon wafers and solar cells. Measurement Science and Technology, 2020, 31, 081001.	2.6	2
25	Quantitative Imaging in the Time Domain Featuring Gradient Based Minimization and Broyden Updating. IEEE Microwave and Wireless Components Letters, 2011, 21, 628-630.	3.2	1
26	Isosceles-triangular microstrip loop resonator antenna. , 2013, , .		1
27	Implementation of 4-Bit Data Transmission for Accessing SD Card with FPGA Embedded Soft Processor. , 2019, , .		1
28	Moderate Traumatic Brain Injury Identification from Power Spectral Density of Electroencephalography's Frequency Bands using Support Vector Machine. , 2019, , .		1
29	Leakage-Free Nucleic Acid Biochip Featuring Bioinert Photocurable Inhibitor. IEEE Access, 2021, 9, 129661-129671.	4.2	1
30	Improved Seizure Prediction Using Discrete Hidden Markov Model and Wilksâ€™ Lambda Analysis of the Electroencephalographic Signals. Current Medical Imaging, 2018, 14, 407-415.	0.8	1
31	Microwave 3D Imaging System Featuring the Phase Coherence Factor for Improved Beamforming. Current Medical Imaging, 2022, 18, 939-951.	0.8	1
32	Three-Dimensional Imaging Using Microcomputed Tomography For Studying Gaharu Morphology. , 2010, , .		0
33	Experimental ultra wide band imaging using heterogeneously dense breast phantom for early cancer detection. , 2012, , .		0
34	Tri-Surface Solar Wafer Edge Chipping Inspection. , 2017, , .		0
35	Neurological rehabilitation of stroke patients by means of a robotically assisted brain controlled interface. The Malaysian Journal of Medical Sciences, 2009, 16, 1-3.	0.5	0
36	Neural alterations in working memory of mildâ€moderate TBI: An fMRI study in Malaysia. Journal of Neuroscience Research, 2022, 100, 915-932.	2.9	0