

Mohd Zaid Abdullah

List of Publications by Year in descending order

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36
papers

342
citations

1163117

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888059

17
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all docs

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docs citations

36
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural alterations in working memory of mild-to-moderate TBI: An fMRI study in Malaysia. <i>Journal of Neuroscience Research</i> , 2022, 100, 915-932.	2.9	0
2	Alteration in the Functional Organization of the Default Mode Network Following Closed Non-severe Traumatic Brain Injury. <i>Frontiers in Neuroscience</i> , 2022, 16, 833320.	2.8	3
3	Microwave 3D Imaging System Featuring the Phase Coherence Factor for Improved Beamforming. <i>Current Medical Imaging</i> , 2022, 18, 939-951.	0.8	1
4	EEG-Based Biometric Close-Set Identification Using CNN-ECOC-SVM. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022, , 723-732.	0.7	4
5	Leakage-Free Nucleic Acid Biochip Featuring Bioinert Photocurable Inhibitor. <i>IEEE Access</i> , 2021, 9, 129661-129671.	4.2	1
6	Convolutional Neural Network Utilizing Error-Correcting Output Codes Support Vector Machine for Classification of Non-Severe Traumatic Brain Injury From Electroencephalogram Signal. <i>IEEE Access</i> , 2021, 9, 24946-24964.	4.2	8
7	Irreversible bonding techniques for the fabrication of a leakage-free printed circuit board-based lab-on-chip in microfluidic platforms—a review. <i>Measurement Science and Technology</i> , 2021, 32, 052001.	2.6	8
8	A Low-Profile Hybrid Multi-Permittivity Dielectric Resonator Antenna With Perforated Structure for Ku and K Band Applications. <i>IEEE Access</i> , 2020, 8, 151219-151228.	4.2	18
9	An Improved Full-search Fractal Image Compression Method with Dynamic Search Approach. , 2020, , .		3
10	Recent advancements in micro-crack inspection of crystalline silicon wafers and solar cells. <i>Measurement Science and Technology</i> , 2020, 31, 081001.	2.6	2
11	Detection of Moderate Traumatic Brain Injury from Resting-State Eye-Closed Electroencephalography. <i>Computational Intelligence and Neuroscience</i> , 2020, 2020, 1-10.	1.7	16
12	Impact of Spatial Dynamic Search With Matching Threshold Strategy on Fractal Image Compression Algorithm Performance: Study. <i>IEEE Access</i> , 2020, 8, 52687-52699.	4.2	5
13	Arrangements of Resting State Electroencephalography as the Input to Convolutional Neural Network for Biometric Identification. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-10.	1.7	15
14	Implementation of 4-Bit Data Transmission for Accessing SD Card with FPGA Embedded Soft Processor. , 2019, , .		1
15	Design of an Imaging System for Characterizing Microcracks in Crystalline Silicon Solar Cells Using Light Transfection. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 1097-1104.	2.5	6
16	Moderate Traumatic Brain Injury Identification from Power Spectral Density of Electroencephalography's Frequency Bands using Support Vector Machine. , 2019, , .		1
17	Screening of Moderate Traumatic Brain Injury from Power Feature of Resting State Electroencephalography using Support Vector Machine. , 2019, , .		4
18	High-Speed Fractal Image Compression Featuring Deep Data Pipelining Strategy. <i>IEEE Access</i> , 2018, 6, 71389-71403.	4.2	8

#	ARTICLE	IF	CITATIONS
19	Literature survey on applications of electroencephalography (EEG). AIP Conference Proceedings, 2018, , .	0.4	11
20	Improved Seizure Prediction Using Discrete Hidden Markov Model and Wilks's™ Lambda Analysis of the Electroencephalographic Signals. Current Medical Imaging, 2018, 14, 407-415.	0.8	1
21	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
22	Tri-Surface Solar Wafer Edge Chipping Inspection. , 2017, , .		0
23	In-line photoluminescence imaging of crystalline silicon solar cells for micro-crack detection. , 2016, , .		6
24	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
25	Prediction of Electrostatic Discharge (ESD) soft error on two-way radio using ESD simulation in CST and ESD immunity scanning technique. , 2014, , .		6
26	Low electric field DNA separation and inâ€channel amperometric detection by microchip capillary electrophoresis. IET Nanobiotechnology, 2014, 8, 77-82.	3.8	9
27	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
28	Isosceles-triangular microstrip loop resonator antenna. , 2013, , .		1
29	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
30	Micro-crack detection of multicrystalline solar cells featuring shape analysis and support vector machines. , 2012, , .		18
31	Experimental ultra wide band imaging using heterogeneously dense breast phantom for early cancer detection. , 2012, , .		0
32	Seizure detection by means of Hidden Markov Model and Stationary Wavelet Transform of electroencephalograph signals. , 2012, , .		13
33	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
34	Assessment of quality of fruits using impedance spectroscopy. International Journal of Food Science and Technology, 2011, 46, 1303-1309.	2.7	41
35	Three-Dimensional Imaging Using Microcomputed Tomography For Studying Gaharu Morphology. , 2010, , .		0
36	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