

Asral Bahari Jambek

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

87
citations

1937685

4
h-index

1720034

7
g-index

20
all docs

20
docs citations

20
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium dioxide (TiO ₂) nanoparticles on aluminium interdigitated electrodes (Al IDE) for sensitive pH detection. AIP Conference Proceedings, 2020, , .	0.4	0
2	Development of voltage amplifier electronic reader using NodeMCU. AIP Conference Proceedings, 2020, , .	0.4	0
3	Selective detection of E.coli O157:H7 bacteria DNA using electrical based aluminium interdigitated electrode biosensor. AIP Conference Proceedings, 2018, , .	0.4	7
4	A study of nano-biosensors and their output amplitude analysis algorithms. Journal of Medical Engineering and Technology, 2017, 41, 72-80.	1.4	1
5	Enhancing High Speed Signal Integrity with Optimized Board Level Power Network Design. Advanced Science Letters, 2017, 23, 5019-5023.	0.2	1
6	Low-energy motion estimation architecture using quadrant-based multi-octagon (QBMO) algorithm. Journal of Real-Time Image Processing, 2016, 12, 623-632.	3.5	2
7	A study on real-time pulse sensor interface with system-on-chip architecture. , 2016, , .		1
8	Automatic peak detection system power analysis using system on a programmable chip (SoPC) methodology. , 2016, , .		0
9	The latest trend in nanobiosensor system architectures. , 2016, , .		0
10	Wireless sensor node design. , 2016, , .		5
11	A study on image processing using mathematical morphological. , 2016, , .		11
12	Advantages and Challenges of 10-Gbps Transmission on High-Density Interconnect Boards. Journal of Electronic Materials, 2016, 45, 3134-3141.	2.2	11
13	A Novel Clinical Decision Support System Using Improved Adaptive Genetic Algorithm for the Assessment of Fetal Well-Being. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-11.	1.3	27
14	Kursawe and ZDT functions optimization using hybrid micro genetic algorithm (HMGA). Soft Computing, 2015, 19, 3571-3580.	3.6	14
15	Circuit architectures reviews for portable ECG signal analyzer. , 2014, , .		5
16	Analysis of energy harvesters for powering a wireless sensor node device. , 2012, , .		0
17	UMHexagonS based motion estimation architecture comparison. , 2012, , .		0
18	Design and analysis of a localised environment monitoring sensor system. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Background correction method for DNA microarray image processing. Asia-Pacific Journal of Molecular Biology and Biotechnology, 0, , 32-38.	0.1	1
20	Analysis of normalization method for DNA microarray data. Asia-Pacific Journal of Molecular Biology and Biotechnology, 0, , 30-37.	0.1	0