

# Syed Abdul Mutalib Al Junid

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

82  
citations

2258059

3  
h-index

1872680

6  
g-index

34  
all docs

34  
docs citations

34  
times ranked

31  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Power Smoke Detector and Monitoring System Using Star Topology for IoT Application. , 2021, , .		0
2	Implementation of digital equality comparator circuit on memristive memory crossbar array using material implication logic. IOP Conference Series: Materials Science and Engineering, 2018, 341, 012025.	0.6	1
3	Evaluation of Embedded System Component Utilized in Delivery Integrated Design Project Course. IOP Conference Series: Materials Science and Engineering, 2018, 341, 012029.	0.6	2
4	Theoretical Accuracy Analysis of a 4-Beam Speed- Over-Ground Radar on Uneven Surface. , 2018, , .		0
5	FPGA implementation of predictive degradation model for engine oil lifetime. IOP Conference Series: Materials Science and Engineering, 2018, 341, 012024.	0.6	3
6	Design of 5.8 GHz Integrated Antenna on 180nm Complementary Metal Oxide Semiconductor (CMOS) Technology. IOP Conference Series: Materials Science and Engineering, 2018, 341, 012015.	0.6	0
7	Performance Evaluation of SW Algorithm on NVIDIA GeForce GTX TITAN X Graphic Processing Unit (GPU). Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 670.	0.8	0
8	Parallel processing cell score design of linear gap penalty smith-waterman algorithm. , 2017, , .		3
9	Real-Time Remote Monitoring with Data Acquisition System. IOP Conference Series: Materials Science and Engineering, 2015, 99, 012011.	0.6	13
10	Mobile Carbon Monoxide Monitoring System Based on Arduino-Matlab for Environmental Monitoring Application. IOP Conference Series: Materials Science and Engineering, 2015, 99, 012009.	0.6	9
11	Health Monitoring System Based on Intra-Body Communication. IOP Conference Series: Materials Science and Engineering, 2015, 99, 012028.	0.6	1
12	Sequence alignment using systolic array for an accelerator. , 2014, , .		4
13	Systolic processing element based on the Viterbi algorithm for DNA sequence alignment. , 2013, , .		2
14	Locating tweeks atmospherics source locations using WWLLN data. , 2013, , .		2
15	High-sensitivity gas detection and monitoring system for high-risk welding activity. , 2013, , .		4
16	Switching strategy of neutral point type converter. , 2013, , .		1
17	Investigation of the nighttime D-region ionosphere characteristics at Palmer Station antartica by using tweek atmospherics. , 2013, , .		0
18	Energy-efficient light driver controller using complex programmable logic. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Comparative study for DNA data minimization technique on FPGA. , 2012, , .		3
20	Reducing memory complexity using data minimization technique on FPGA. , 2012, , .		3
21	Cloud computing: Feasibility of developing web-based UNU Casemix Grouper. , 2012, , .		1
22	A Rudimentary Plaque Lesion Identification Using Combination of Color Models. , 2012, , .		0
23	Implementation of genetic algorithm for optimizing DNA sequence alignment. , 2012, , .		2
24	Improved data minimization technique in reducing memory space complexity for DNA local alignment accelerator application. , 2012, , .		3
25	Potential of Graph Theory Algorithm Approach for DNA Sequence Alignment and Comparison. , 2012, , .		7
26	An Intelligent Classification Model for Rubber Seed Clones Based on Shape Features through Imaging Techniques. , 2010, , .		6
27	Development of DNA sequencing accelerator based on Smith Waterman algorithm with heuristic divide and conquer technique for FPGA implementation. , 2008, , .		7
28	Performance Evaluation of Local DNA Sequence Alignment Smith-Waterman Algorithm Software Version Cell Design on FPGA. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	1
29	4-bit Brent Kung Parrallel Prefix Adder Simulation Study Using Silvaco EDA Tools. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	1
30	Trace Back Optimization For DNA Sequences Alignment Using Viterbi Algorithm. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
31	A Comparison of Optimal Path Trace Back Sizing Using Genetic Algorithm (GA). International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
32	Ecosystem for healthcare services and management system. 3C Tecnología, 0, , 121-131.	0.7	0
33	Trees' Cooling Effect on Surrounding Air Temperature Monitoring System: Implementation and Observation. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	3
34	Real-time Mobile Microclimate Monitoring System uses LabView RT. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0