

Shamsul Bin Sarip

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

272
citations

1307594

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996975

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g-index

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all docs

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docs citations

43
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of tensile behavior of banana pseudo-stem (<i>Musa acuminata</i>) fiber reinforced epoxy composites using response surface methodology. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3517-3528.	5.8	70
2	Mechanical properties of bamboo reinforced epoxy sandwich structure composites. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015, 12, 2882-2892.	0.9	36
3	Study of Model Predictive Control for Path-Following Autonomous Ground Vehicle Control under Crosswind Effect. <i>Journal of Control Science and Engineering</i> , 2016, 2016, 1-18.	1.0	34
4	Optimization on Tensile Properties of Kenaf/Multi-walled CNT Hybrid Composites with Box-Behnken Design. <i>Applied Composite Materials</i> , 2021, 28, 607-632.	2.5	23
5	Current Status and Possible Future Applications of Marine Current Energy Devices in Malaysia: A Review. <i>IEEE Access</i> , 2021, 9, 86869-86888.	4.2	14
6	Small scale standalone solar and tidal hybrid power system in isolated area. <i>Renewable Energy Focus</i> , 2021, 39, 59-71.	4.5	9
7	Modeling the Sustainable Integration of Quality and Energy Management in Power Plants. <i>Sustainability</i> , 2022, 14, 2460.	3.2	8
8	Enhancing vehicle ride comfort through intelligent based control. , 2016, , .		7
9	Evaluation and Analysis of Noise Pollution in the Manufacturing Industry. <i>Journal of Physics: Conference Series</i> , 2019, 1150, 012019.	0.4	7
10	Intelligent Integrated Model for Improving Performance in Power Plants. <i>Computers, Materials and Continua</i> , 2022, 70, 5783-5801.	1.9	7
11	Implications COVID-19 on Performance and Energy Management in the Production Electricity. <i>Computers, Materials and Continua</i> , 2021, 69, 895-911.	1.9	6
12	Techno-economic analysis of innovative production and application of solar thermal chilled water for agricultural soil cooling. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 215-224.	16.4	5
13	The Weibull probabilities analysis on the single kenaf fiber. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	5
14	Modeling energy management sustainability: Smart integrated framework for future trends. <i>Energy Reports</i> , 2022, 8, 8027-8045.	5.1	5
15	Mechanical behavior of Kenaf/Epoxy corrugated sandwich structures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 100, 012011.	0.6	4
16	Improvement of Pitch Motion Control of an Aircraft Systems. <i>Telkomnika (Telecommunication) Tj</i> ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	0.8	4
17	Oscillating Water Column Geometrical Factors and System Performance: A Review. <i>IEEE Access</i> , 2022, 10, 32104-32122.	4.2	4
18	A New Concept of Multimode Magnetorheological Brake Design. <i>Key Engineering Materials</i> , 0, 605, 271-274.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Full Control of Quadrotor Unmanned Aerial Vehicle using Multivariable Proportional Integral Derivative Controller. , 2019, , .		3
20	The parametric instability improvement of fully anisotropic composite plates with embedded shape memory alloy. <i>Advanced Composites Letters</i> , 2020, 29, 2633366X1989940.	1.3	3
21	Energy Management Strategies at Emergency Department Block C Hospital Sungai Buloh, Malaysia. <i>Applied Mechanics and Materials</i> , 0, 735, 243-246.	0.2	2
22	An efficient framework for identifying current open issues to prevent human errors in maintaining power plants: Research gap. <i>Materials Today: Proceedings</i> , 2021, , .	1.8	2
23	Internet of Things: A Monitoring and Control System for Rockmelon Farming. <i>International Journal of Integrated Engineering</i> , 2020, 12, .	0.4	2
24	An Experimental Study on Prototype Lightweight Brake Disc for Regenerative Braking. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
25	SIMULATION STUDY ON ENHANCING HYDROGEN PRODUCTION IN AN OCEAN THERMAL ENERGY (OTEC) SYSTEM UTILIZING A SOLAR COLLECTOR. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.4	1
26	Simulation Studies of a New Magnetorheological Brake with Difference Gap Size Using Combination of Shear and Squeeze Mode. <i>Advanced Structured Materials</i> , 2018, , 413-424.	0.5	1
27	Grooming Future Scientists and Engineers from the Root through Fun Learning Concept. <i>Journal of Physics: Conference Series</i> , 2019, 1174, 012003.	0.4	1
28	Mode I Fracture Toughness of Optimized Alkali-Treated Bambusa Vulgaris Bamboo by Box-Behnken Design. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 565-575.	0.4	1
29	Critical Design Factors on Performance of Car Jack Lifting Operations. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 12, 521.	0.8	1
30	Hybrid Renewable Energy Power System Model Based on Electrification Requirements of One Fathom Bank Malaysia. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 12, 513.	0.8	1
31	Design, analysis and fabrication of utm hydraulic ram pump for water supply in remote areas. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 17, 213.	0.8	1
32	A CFD Analysis for Novel Close-Ended Deflector for Vertical Water Turbines. <i>Sustainability</i> , 2022, 14, 2790.	3.2	1
33	Meramal Aliran Udara dan Keselesaan di dalam Masjid Sultan Salahuddin Abdul Aziz Shah Menggunakan Simulasi Komputer. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	0
34	Selection of Materials in Designing Magnetorheological Brake. <i>Applied Mechanics and Materials</i> , 2014, 663, 700-704.	0.2	0
35	DESIGN OPTIMIZATION OF POWER GENERATION AND DESALINATION APPLICATION IN MALAYSIA UTILIZING OCEAN THERMAL ENERGY. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.4	0
36	Enhancing of nominal characteristic trajectory following control for motion systems. <i>Journal of Systems Engineering and Electronics</i> , 2017, 28, 1221.	2.2	0

#	ARTICLE	IF	CITATIONS
37	Investigation of Radial Piezoelectric-Magnetic Fan for Electronic Cooling System. , 2018, , .		0
38	Harvesting Sustainable Energy from Salt Water: Part I â€œ Effect of Types of Electrodes. , 2018, , .		0
39	Feasibility Study of a Low Cost Saltwater Lamp for Rural Area. International Journal of Integrated Engineering, 2018, 10, .	0.4	0
40	Thermal Analysis of Radial Piezoelectric-Magnetic Fan (RPMF) for Electronics Cooling. International Journal of Integrated Engineering, 2018, 10, .	0.4	0
41	Hydraulically operated palm oil loader system design as fresh fruit bunch collector. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 228.	0.8	0
42	From Literature to Integrated Intelligent framework for Energy Management Success in Power Plants. , 2021, , .		0