

Muhamad Husaini Abu Bakar

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

191
citations

1684188

5
h-index

1281871

11
g-index

31
all docs

31
docs citations

31
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrusion detection system for automotive Controller Area Network (CAN) bus system: a review. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	114
2	Optimum tip gap and orientation of multi-piezofan for heat transfer enhancement of finned heat sink in microelectronic cooling. International Journal of Heat and Mass Transfer, 2012, 55, 5514-5525.	4.8	41
3	Deep Contractive Autoencoder-Based Anomaly Detection for In-Vehicle Controller Area Network (CAN). Advanced Structured Materials, 2019, , 195-205.	0.5	13
4	First-principle calculations of the effects of intrinsic defects in bilayer graphene as a positive electrode material for aluminum-ion batteries. Materials Today Communications, 2020, 25, 101641.	1.9	6
5	The Potential of Improving the Mg-Alloy Surface Quality Using Powder Mixed EDM. Advanced Structured Materials, 2019, , 43-53.	0.5	5
6	Modeling and Control Analysis of URRG Monohull Blimp. Procedia Engineering, 2012, 41, 216-223.	1.2	4
7	Twist Springback Measurement of AUV Propeller Blade Based on Profile Deviation. Advanced Materials Research, 0, 512-515, 1840-1844.	0.3	2
8	Design and Fabrication of a Magneto-rheological Fluid Based Torque Sensor for Automotive Application. Advanced Structured Materials, 2019, , 101-113.	0.5	1
9	Effect of the Magnetic Field on Magnetic Particles in Magnetorheological Elastomer Layers. Advanced Structured Materials, 2019, , 135-143.	0.5	1
10	Development of an Aluminum-Air Battery Using T6-6061 Anode as Electric Vehicle Power Source. Advanced Structured Materials, 2019, , 225-232.	0.5	1
11	Study the Effect of Acetone as an Inhibitor for the Performance of Aluminium-Air Batteries. Advanced Structured Materials, 2019, , 1-15.	0.5	1
12	Mixed-Flow Impeller Characteristics in Baffled Mixing Tank. Advanced Materials Research, 0, 576, 154-161.	0.3	0
13	Modular Tooling Concept in the Fabrication of the Precision AUV Blade. Applied Mechanics and Materials, 2013, 372, 369-372.	0.2	0
14	Three Dimensional Simulation of Filling Process for Stacked-Chip Scale Packages. Advanced Structured Materials, 2019, , 1-11.	0.5	0
15	Development of a Capacitor Using a Rubber Based Magneto Rheological Elastomer. Advanced Structured Materials, 2019, , 125-134.	0.5	0
16	Simulation of Crude Palm Oil Dilution in a Palm Oil Mill Using Computational Fluid Dynamics. Chemical Engineering and Technology, 2019, 42, 1797-1804.	1.5	0
17	Synthesis of Polypropylene Solid State Electrolytes for Batteries Using a Polymerization Heat Chamber. Advanced Structured Materials, 2019, , 289-296.	0.5	0
18	Development of a 2-Dof Parallel Kinematics Machine for Macro Scale Products. Advanced Structured Materials, 2019, , 115-124.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Parametric Study of the Two-Stage Pyrolysis Process for Activated Carbon Preparation from Pithecellobium Jiringa. <i>Advanced Structured Materials</i> , 2019, , 241-251.	0.5	0
20	Vision-Based Positioning System for Magnetorheological Fluid Actuator Using NNARX. <i>Advanced Science Letters</i> , 2017, 23, 4424-4428.	0.2	0
21	Study of MSI300 Propeller Characteristics Using Computational Fluid Dynamics Analysis. <i>Advanced Structured Materials</i> , 2018, , 541-549.	0.5	0
22	Kinetic Modelling of a Particle Grinding Process in a Planetary Ball Mill Jar. <i>Advanced Structured Materials</i> , 2019, , 183-197.	0.5	0
23	Design and Analysis of an Aluminium Ion Battery for Electric Vehicles. <i>Advanced Structured Materials</i> , 2019, , 239-246.	0.5	0
24	Design and Temperature Analysis of an Aluminum-Air Battery Casing for Electric Vehicles. <i>Advanced Structured Materials</i> , 2019, , 207-216.	0.5	0
25	Large Eddy Simulation of Vehicle Aerodynamics Using Parallel Computational Fluids Dynamics. <i>Advanced Structured Materials</i> , 2019, , 199-205.	0.5	0
26	Corrosion Analysis of Aluminum-Air Battery Electrode Using Smoothed Particle Hydrodynamics. <i>Advanced Structured Materials</i> , 2019, , 217-224.	0.5	0
27	Analysis of Temperature Distribution Behavior of Motorcycle Brake Pads. <i>Advanced Structured Materials</i> , 2019, , 13-24.	0.5	0
28	Automotive Metallic Component Inspection System Using Square Pulse Thermography. <i>Advanced Structured Materials</i> , 2019, , 247-258.	0.5	0
29	Synthesis and Thermal Characterization of Graphite Polymer Composites for Aluminium Ion Batteries. <i>Advanced Structured Materials</i> , 2019, , 233-238.	0.5	0