

Ade Gafar Abdullah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63
papers

146
citations

5
h-index

9
g-index

79
ext. papers

211
ext. citations

0.4
avg, IF

2.91
L-index

#	Paper	IF	Citations
63	Low-cost ocean wave energy converter kit as a teaching tool of a new alternative energy source. <i>Physics Education</i> , 2020 , 55, 055019	0.8	0
62	Meta-analysis of Student Performance Assessment Using Fuzzy Logic. <i>Indonesian Journal of Science and Technology</i> , 2019 , 4, 74	6.1	9
61	Application of Desktop-Based Batik Information System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012086	0.4	2
60	Integration Telegram Bot on E-Complaint Applications in College. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012159	0.4	5
59	Design of Hybrid Power System for Remote Area. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012010	0.4	3
58	Fault Diagnosis for Distribution Feeder Base on Fuzzy Logic. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012009	0.4	
57	Economic Evaluation of the Production Ethanol from Cassava Roots. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012023	0.4	3
56	The Implementation of Blended Learning Using Android-Based Tutorial Video in Computer Programming Course II. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012163	0.4	2
55	Feasibility Study on the Production of Biogas in Dairy Farming. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012024	0.4	2
54	The Development of Dispatcher Training Simulator in a Thermal Energy Generation System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012164	0.4	
53	MPPT based on Fuzzy Logic Controller for Photovoltaic System using PSIM and Simulink. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012066	0.4	4
52	Effect of Ginger Drinks on Nausea Vomiting in The First Trimester of Pregnancy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012161	0.4	4
51	Implementation of Sharing Knowledge Management in Internship Program Using Web-Based Information System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012104	0.4	
50	Green Chemistry Principles: An Alternative Approach to Practice Laboratory Safety and Health. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012001	0.4	3
49	Optimization Placement of Static Var Compensator (Svc) on Electrical Transmission System 150 kV Based on Smart Computation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012056 ⁴	0.4	
48	An Analysis of Website Accessibility in Higher Education in Indonesia Based on WCAG 2.0 Guidelines. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012130	0.4	4
47	A Simple, Rapid Analysis, Portable, Low-cost, and Arduino-based Spectrophotometer with White LED as a Light Source for Analyzing Solution Concentration. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2018 , 16, 580	1.4	4

46	Low-cost and Portable Process Control Laboratory Kit. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2018 , 16, 232	1.4	2
45	Is the Conversion of Rice Straw Waste into Activated Carbon and Silica Particles Industrially Feasible?. <i>Advanced Science Letters</i> , 2018 , 24, 9303-9306	0.1	
44	Very Sort Term Load Forecasting Using Interval Type - 2 Fuzzy Inference System (IT- 2 FIS) (Case Study: Java Bali Electrical System). <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 384, 012078	0.4	3
43	Solar Eclipse: Concept of Science and Language Literacy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012093	0.4	
42	Economic Perspective in the Production of Preserved Soybean (Tauco) with Various Raw Material Quantities. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012025	0.4	6
41	Classification of Indonesian quote on Twitter using Naïve Bayes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012162	0.4	1
40	The Pij matrix and flux calculation of one-dimensional neutron transport in the slab geometry of nuclear fuel cell using collision probability method. <i>MATEC Web of Conferences</i> , 2018 , 197, 02006	0.3	3
39	Design of the Liquid Volume Meter Device Using Ultrasonic Waves Based on Microcontroller. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 384, 012019	0.4	1
38	SPADA: Online learning between universities of PGRI Indonesia. <i>MATEC Web of Conferences</i> , 2018 , 197, 03002	0.3	
37	Do Technological and Vocational High Schools Differentiate between Male and Female Teachers?. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012134	0.4	
36	Short Term Load Forecasting for Weekends in Indonesia: Comparison of Three Methods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012119	0.4	
35	Modeling of microring resonators for biochemical detection. <i>Materials Today: Proceedings</i> , 2018 , 5, 13703-13710	0.3	1
34	Economic Analysis of the Conventional Production of Traditional Brem Food. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012026	0.4	6
33	Internet Literacy of Vocational High School Teachers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012032	0.4	1
32	Engineering Analysis and Economic Evaluation of the Synthesis of Composite CuO/ZnO/ZrO ₂ Nanocatalyst. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012012	0.4	2
31	Virtual gasoline engine based on augment reality for mechanical engineering education. <i>MATEC Web of Conferences</i> , 2018 , 197, 16002	0.3	1
30	Photodecomposition Profile of Curcumin in the Existence of Tungsten Trioxide Particles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012002	0.4	1
29	Adaptive Content Server for Optimizing Battery Life in Mobile Devices. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 384, 012043	0.4	

28	Design and Simulation of Washing Machine using Fuzzy Logic Controller (FLC). <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 384, 012044	0.4	2
27	Real Time Facial Recognition Using Principal Component Analysis (PCA) And EmguCV. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 384, 012079	0.4	2
26	Economic Evaluation of the Production Magnesium Oxide Nanoparticles via Liquid-Phase Route. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012011	0.4	5
25	Industrial Student Apprenticeship: Understanding Health and Safety. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012088	0.4	1
24	E-Portfolio Web-based for Students Internship Program Activities. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 306, 012003	0.4	1
23	Extraction of Curcumin Pigment from Indonesian Local Turmeric with Its Infrared Spectra and Thermal Decomposition Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012136	0.4	4
22	Loss of Load Probability Calculation for West Java Power System with Nuclear Power Plant Scenario. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012079	0.4	0
21	Structure and Content Analysis for Vocational High School Website in Indonesia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012078	0.4	
20	Preparation of Potassium-Posphate-embedded Amorphous Silicate Material from Rice Straw Waste. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012138	0.4	2
19	Decomposition Behavior of Curcumin during Solar Irradiation when Contact with Inorganic Particles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012135	0.4	3
18	The Impact of Influence Range Fuzzy Subtractive Clustering Modification to Accuracy Anomalous Load Forecasting. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012292	0.4	
17	Satellite Image Edge Detection for Population Distribution Pattern Identification using Levelset with Morphological Filtering Process. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012064	0.4	1
16	Electrical Load Profile Analysis Using Clustering Techniques. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012081	0.4	3
15	Behavior of Photovoltaic during the Partial Solar Eclipse in Bandung. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012132	0.4	1
14	Schedulling Economical Thermal Power Plant 500 KV Java-Bali System Using Lagrange Multiplier. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012073	0.4	1
13	Hybrid Energy System Design of Micro Hydro-PV-biogas Based Micro-grid. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012080	0.4	3
12	Optimize Short Term load Forecasting Anomalous Based Feed Forward Backpropagation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012076	0.4	
11	Synthesis of Potassium Silicate Nanoparticles from Rice Straw Ash Using a Flame-assisted Spray-pyrolysis Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012133	0.4	4

10	Analysis on anomalous short term load forecasting using two different approaches 2017 ,		2
9	Neutron Distribution in the Nuclear Fuel Cell using Collision Probability Method with Quadratic Flux Approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 180, 012040	0.4	2
8	Coordination Hydrothermal Interconnection Java-Bali Using Simulated Annealing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 128, 012005	0.4	
7	Designing a SCADA system simulator for fast breeder reactor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 128, 012006	0.4	3
6	Contrast enhancement for satellite image segmentation with fuzzy cluster means using morphological filtering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 128, 012054	0.4	1
5	Short term load forecasting of anomalous load using hybrid soft computing methods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 128, 012007	0.4	
4	Conceptual Design of Passive Safety System for Lead-Bismuth Cooled Fast Reactor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 128, 012052	0.4	
3	Design of virtual SCADA simulation system for pressurized water reactor 2016 ,		1
2	Synthesis of silica particles from rice straw waste using a simple extraction method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 128, 012040	0.4	27
1	Anomalous STLF for Indonesia power system using Artificial Neural Network 2015 ,		1