

# Ade Gafar Abdullah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1876954/publications.pdf>

Version: 2024-02-01

78  
papers

290  
citations

1163117

8  
h-index

1125743

13  
g-index

79  
all docs

79  
docs citations

79  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of silica particles from rice straw waste using a simple extraction method. IOP Conference Series: Materials Science and Engineering, 2016, 128, 012040.	0.6	45
2	Meta-analysis of Student Performance Assessment Using Fuzzy Logic. Indonesian Journal of Science and Technology, 2019, 4, 74.	1.5	23
3	Extraction of Curcumin Pigment from Indonesian Local Turmeric with Its Infrared Spectra and Thermal Decomposition Properties. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012136.	0.6	12
4	Integration Telegram Bot on E-Complaint Applications in College. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012159.	0.6	12
5	An Analysis of Website Accessibility in Higher Education in Indonesia Based on WCAG 2.0 Guidelines. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012130.	0.6	10
6	A Simple, Rapid Analysis, Portable, Low-cost, and Arduino-based Spectrophotometer with White LED as a Light Source for Analyzing Solution Concentration. Telkomnika (Telecommunication Computing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	8
7	Electrical Load Profile Analysis Using Clustering Techniques. IOP Conference Series: Materials Science and Engineering, 0, 180, 012081.	0.6	8
8	Very Sort Term Load Forecasting Using Interval Type - 2 Fuzzy Inference System (IT- 2 FIS) (Case Study:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	8
9	Economic Perspective in the Production of Preserved Soybean (Tauco) with Various Raw Material Quantities. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012025.	0.6	8
10	Economic Analysis of the Conventional Production of Traditional Brem Food. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012026.	0.6	7
11	MODUL VIRTUAL: MULTIMEDIA FLIPBOOK DASAR TEKNIK DIGITAL. Invotec, 2017, 9, .	0.1	7
12	Low-cost and Portable Process Control Laboratory Kit. Telkomnika (Telecommunication Computing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	8
13	Synthesis of Potassium Silicate Nanoparticles from Rice Straw Ash Using a Flame-assisted Spray-pyrolysis Method. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012133.	0.6	6
14	MPPT based on Fuzzy Logic Controller for Photovoltaic System using PSIM and Simulink. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012066.	0.6	6
15	Internet Literacy of Vocational High School Teachers. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012032.	0.6	6
16	PEMBELAJARAN SAINTIFIK ELEKTRONIKA DASAR BERORIENTASI PEMBELAJARAN BERBASIS MASALAH. Invotec, 2017, 9, .	0.1	6
17	Designing a SCADA system simulator for fast breeder reactor. IOP Conference Series: Materials Science and Engineering, 2016, 128, 012006.	0.6	5
18	Decomposition Behavior of Curcumin during Solar Irradiation when Contact with Inorganic Particles. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012135.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Design and Simulation of Washing Machine using Fuzzy Logic Controller (FLC). IOP Conference Series: Materials Science and Engineering, 2018, 384, 012044.	0.6	5
20	Economic Evaluation of the Production Magnesium Oxide Nanoparticles via Liquid-Phase Route. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012011.	0.6	5
21	Water Level Measurement Altitude Trainer Integrated With Human Machine Interface. Indonesian Journal of Science and Technology, 2017, 2, 197.	1.5	5
22	The Implementation of Blended Learning Using Android-Based Tutorial Video in Computer Programming Course II. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012163.	0.6	4
23	Effect of Ginger Drinks on Nausea Vomiting in The First Trimester of Pregnancy. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012161.	0.6	4
24	Green Chemistry Principles: An Alternative Approach to Practice Laboratory Safety and Health. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012001.	0.6	4
25	The Pij matrix and flux calculation of one-dimensional neutron transport in the slab geometry of nuclear fuel cell using collision probability method. MATEC Web of Conferences, 2018, 197, 02006.	0.2	4
26	Photodecomposition Profile of Curcumin in the Existence of Tungsten Trioxide Particles. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012002.	0.6	4
27	Real Time Facial Recognition Using Principal Component Analysis (PCA) And EmguCV. IOP Conference Series: Materials Science and Engineering, 2018, 384, 012079.	0.6	4
28	Anomalous STLF for Indonesia power system using Artificial Neural Network. , 2015, , .		3
29	Design of virtual SCADA simulation system for pressurized water reactor. AIP Conference Proceedings, 2016, , .	0.4	3
30	Preparation of Potassium-Posphate-embedded Amorphous Silicate Material from Rice Straw Waste. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012138.	0.6	3
31	Hybrid Energy System Design of Micro Hydro-PV-biogas Based Micro-grid. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012080.	0.6	3
32	Analysis on anomalous short term load forecasting using two different approaches. , 2017, , .		3
33	Behavior of Photovoltaic during the Partial Solar Eclipse in Bandung. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012132.	0.6	3
34	Application of Desktop-Based Batik Information System. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012086.	0.6	3
35	Design of Hybrid Power System for Remote Area. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012010.	0.6	3
36	Economic Evaluation of the Production Ethanol from Cassava Roots. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012023.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Feasibility Study on the Production of Biogas in Dairy Farming. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012024.	0.6	3
38	Modeling of microring resonators for biochemical detection. Materials Today: Proceedings, 2018, 5, 13703-13710.	1.8	3
39	PENGEMBANGAN MODEL EVALUASI PEMBELAJARAN PROJECT BASED LEARNING BERBASIS LOGIKA FUZZY. Invotec, 2017, 9, .	0.1	3
40	Loss of Load Probability Calculation for West Java Power System with Nuclear Power Plant Scenario. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012079.	0.6	2
41	Neutron Distribution in the Nuclear Fuel Cell using Collision Probability Method with Quadratic Flux Approach. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012040.	0.6	2
42	Schedulling Economical Thermal Power Plant 500 KV Java-Bali System Using Lagrange Multiplier. IOP Conference Series: Materials Science and Engineering, 0, 180, 012073.	0.6	2
43	Design of the Liquid Volume Meter Device Using Ultrasonic Waves Based on Microcontroller. IOP Conference Series: Materials Science and Engineering, 2018, 384, 012019.	0.6	2
44	Short Term Load Forecasting for Weekends in Indonesia: Comparison of Three Methods. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012119.	0.6	2
45	Engineering Analysis and Economic Evaluation of the Synthesis of Composite CuO/ZnO/ZrO <sub>2</sub> Nanocatalyst. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012012.	0.6	2
46	Virtual gasoline engine based on augment reality for mechanical engineering education. MATEC Web of Conferences, 2018, 197, 16002.	0.2	2
47	The 4th International Seminar on Sustainable Urban Development. IOP Conference Series: Earth and Environmental Science, 2018, 106, 011001.	0.3	2
48	E-Portfolio Web-based for Studentsâ€™™ Internship Program Activities. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012003.	0.6	2
49	Contrast enhancement for satellite image segmentation with fuzzy cluster means using morphological filtering. IOP Conference Series: Materials Science and Engineering, 2016, 128, 012054.	0.6	1
50	International Conference on Mathematics and Science Education (ICMScE). Journal of Physics: Conference Series, 2017, 895, 011001.	0.4	1
51	Satellite Image Edge Detection for Population Distribution Pattern Identification using Levelset with Morphological Filtering Process. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012064.	0.6	1
52	The Development of Dispatcher Training Simulator in a Thermal Energy Generation System. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012164.	0.6	1
53	Classification of Indonesian quote on Twitter using Naïve Bayes. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012162.	0.6	1
54	Industrial Student Apprenticeship: Understanding Health and Safety. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012088.	0.6	1

#	ARTICLE	IF	CITATIONS
55	Low-cost ocean wave energy converter kit as a teaching tool of a new alternative energy source. Physics Education, 2020, 55, 055019.	0.5	1
56	Natural Circulation Level Optimization and the Effect during ULOF Accident in the SPINNOR Reactors. , 2010, , .		0
57	ULOF Accident Analysis for 300 MWt Pb-Bi Cooled MOX Fuelled SPINNOR Reactor. Applied Physics Research, 2012, 4, .	0.0	0
58	Conceptual Design of Passive Safety System for Lead-Bismuth Cooled Fast Reactor. IOP Conference Series: Materials Science and Engineering, 2016, 128, 012052.	0.6	0
59	Coordination Hydrothermal Interconnection Java-Bali Using Simulated Annealing. IOP Conference Series: Materials Science and Engineering, 2016, 128, 012005.	0.6	0
60	Short term load forecasting of anomalous load using hybrid soft computing methods. IOP Conference Series: Materials Science and Engineering, 2016, 128, 012007.	0.6	0
61	Structure and Content Analysis for Vocational High School Website in Indonesia. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012078.	0.6	0
62	1st Annual Applied Science and Engineering Conference (AASEC), in conjunction with The International Conference on Sport Science, Health, and Physical Education (ICSSHPE).. IOP Conference Series: Materials Science and Engineering, 2017, 180, 011001.	0.6	0
63	Optimize Short Term load Forecasting Anomalous Based Feed Forward Backpropagation. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012076.	0.6	0
64	The Impact of Influence Range Fuzzy Subtractive Clustering Modification to Accuracy Anomalous Load Forecasting. IOP Conference Series: Materials Science and Engineering, 2017, 180, 012292.	0.6	0
65	Fault Diagnosis for Distribution Feeder Base on Fuzzy Logic. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012009.	0.6	0
66	Implementation of Sharing Knowledge Management in Internship Program Using Web-Based Information System. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012104.	0.6	0
67	Optimization Placement of Static Var Compensator (Svc) on Electrical Transmission System 150 kV Based on Smart Computation. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012056.	0.6	0
68	2nd International Conference on Innovation in Engineering and Vocational Education (ICIEVE 2017). IOP Conference Series: Materials Science and Engineering, 2018, 306, 011001.	0.6	0
69	Solar Eclipse: Concept of "Science" and "Language" Literacy. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012093.	0.6	0
70	SPADA: Online learning between universities of PGRI Indonesia. MATEC Web of Conferences, 2018, 197, 03002.	0.2	0
71	Do Technological and Vocational High Schools Differentiate between Male and Female Teachers?. IOP Conference Series: Materials Science and Engineering, 2018, 306, 012134.	0.6	0
72	Adaptive Content Server for Optimizing Battery Life in Mobile Devices. IOP Conference Series: Materials Science and Engineering, 2018, 384, 012043.	0.6	0

#	ARTICLE	IF	CITATIONS
73	Preliminary Design of Industrial Automation Training Kit Based Real Mobile Plant. , 0, , .		0
74	A Preliminary Study on Augmented Reality for Learning Local Wisdom of Indonesian Batik in Vocational Schools. , 2016, , .		0
75	Design Conceptual of Hybrid Project Based Learning-PEPPER in Computer Networking Learning. Invotec, 2016, 11, .	0.1	0
76	The Development of Non-Formal Technological and Vocational Education in Village Communities. Invotec, 2016, 12, .	0.1	0
77	Is the Conversion of Rice Straw Waste into Activated Carbon and Silica Particles Industrially Feasible?. Advanced Science Letters, 2018, 24, 9303-9306.	0.2	0
78	L-Ball: Designing A Novel Sports Electronic Audio Ball for Visual Impairment Student. Annals of Applied Sport Science, 2020, 8, 0-0.	0.4	0