

# Dahlan 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.

83  
papers

251  
citations

8  
h-index

12  
g-index

99  
ext. papers

318  
ext. citations

0.2  
avg. IF

3.24  
L-index

#	Paper	IF	Citations
83	A Guidance Application for Historical Routes and Location Area with Augmented Reality. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1235, 012077	0.3	
82	Augmented Reality for Presenting Local Wisdom: Sumatera Utara Traditional House. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1235, 012102	0.3	
81	Diabetic Retinopathy Identification using Deep Believe Network. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1235, 012103	0.3	1
80	Visualization of Virtual House Model on Property Brochure Using Augmented Technology. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1235, 012105	0.3	1
79	Implementation of Augmented Reality in Pretend Play Therapy for Children with Autism Spectrum Disorder. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1235, 012104	0.3	1
78	DEA and Fuzzy Simple Additive Weighting for Benchmarking Qualitative Data. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012037	0.3	
77	Integrating Technology And Media In Learning Process. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012060	0.3	0
76	Improvement Suggestion Performance of Blowing Machine Line 4 with Total Productive Maintenance (TPM) Method at PT. Coca-Cola Amatil Indonesia MedanUnit. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012053	0.3	2
75	Implementation of Tahani Fuzzy Logic Method for Selection of Optimal Tourism Site. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012051	0.3	
74	Expert System Diagnosing Disease of Honey Guava Using Bayes Method. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012054	0.3	
73	Drug Users Prediction Using Backpropagation EducationalMethod. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012055	0.3	1
72	Data Mining to Determine Correlation of Purchasing Cosmetics With A priori Method. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012056	0.3	3
71	The Function Of Technology And Device Laptop For Education Purpose. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012062	0.3	
70	Application of Data Mining Prediction of Electricity Deviation Flow Using Metode Backpropogation at PLN Binjai Area. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012067	0.3	0
69	Body Height Detection System Using Russel & Rao Method. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012070	0.3	
68	Detection System of Aceh Ethnic Music Types Based On Sound Using the Hubbard Stratonovich Transformation Method. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012076	0.3	
67	Sms Encryption Application Using 3Des (Triple Data Encryption Standard) Algorithm Based on Android. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012077	0.3	

66	Calculation of Current Strength Software in Closed Circuits. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1364, 012022	0.3	
65	Chess Game Software Design. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1364, 012023	0.3	
64	Designing Guitar Tuning Software Using Karplus Strong Algorithm. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1364, 012027	0.3	
63	Designing Image Correction Software with the Wavelet Method. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1364, 012028	0.3	
62	Designing SwiSH Max Learning Software Based of Multimedia. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1364, 012032	0.3	
61	Lecture Scheduling System Using Welch Powell Graph Coloring Algorithm in Informatics Engineering Departement of Universitas Malikussaleh. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012074	0.3	1
60	HFLTS-TOPSIS With Pseudo-distance in Determining The Best Lecturers. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012073	0.3	
59	DEA Model with Hesitant Fuzzy Polyhedral Set in Benchmarking. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1361, 012033	0.3	
58	The Implementation of The E-Learning Concept In Education. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012063	0.3	3
57	The Implementation of Backtracking Algorithm on Crossword Puzzle Games Based on Android. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1363, 012075	0.3	1
56	Lecturers Understanding on Indexing Databases of SINTA, DOAJ, Google Scholar, SCOPUS, and Web of Science: A Study of Indonesians. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 954, 012026	0.3	3
55	Analysis of Student Satisfaction Toward Quality of Service Facility. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 954, 012019	0.3	25
54	Genetic algorithm to solve the problems of lectures and practicums scheduling. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 308, 012046	0.4	3
53	Block Architecture Problem with Depth First Search Solution and Its Application. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 954, 012006	0.3	2
52	Analysis of user readiness toward ICT usage at small medium enterprise in south tangerang. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012042	0.3	11
51	E-Business, the impact of regional growth on the improvement of Information and Communication Development. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012044	0.3	2
50	Fuzzy Model Tahani as Decision Support System for Employee Promotion. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 88	0.8	4
49	A Research Framework for Data Envelopment Analysis with Upper Bound on Output to Measure Efficiency Performance of Higher Learning Institution in Aceh Province. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , <b>2018</b> , 8, 336	1.6	5

48	Inclusive Entrepreneurship Infrastructure Development Special Aspects in Ukraine. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 425	0.8	
47	Internet and Terrorism in Indonesia. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012080	0.3	
46	Design of Decision Support System Determination of Inventory Inventory Using Single Exponential Smoothing Forecasting Method. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012082	0.3	
45	Indonesia Position in The Globalization of Construction Industry. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012133	0.3	
44	Breadth First Search Approach for Shortest Path Solution in Cartesian Area. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012038	0.3	1
43	Super-Encryption Cryptography with IDEA and WAKE Algorithm. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012039	0.3	3
42	Investigating pre-service teachers about their competencies, experiences, and attitudes towards technology integration. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012033	0.3	4
41	Digital Image Security Application With Arnold Cat Map (ACM). <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012059	0.3	
40	Hypertensive retinopathy identification through retinal fundus image using backpropagation neural network. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 978, 012106	0.3	5
39	Application of Interpolation Image by using Bi-Cubic Algorithm. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012066	0.3	2
38	Multi-View Faces Detection Using Viola-Jones Method. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012068	0.3	6
37	The Visual Perception of The Car Drivers Dealing with The Road Supporting Facilities, Road Median, Potholes, and Other Cars on a Freeways With and Without Lighting. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012125	0.3	1
36	Model of Organizational Effectiveness Project Management on Infrastructure Development in Ministry of Public Works and Housing Republic of Indonesia. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012129	0.3	
35	The Influence of Stakeholder Factors Affecting the Success of Construction Projects In Indonesia. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012135	0.3	2
34	Pseudo-prime number simulation and its application for security purpose. <i>MATEC Web of Conferences</i> , <b>2018</b> , 197, 03005	0.3	
33	A New Diversity Technique for Imbalance Learning Ensembles. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 478	0.8	1
32	A Slack-Based Measures within Group Common Benchmarking using DEA for Improving the Efficiency Performance of Departments in Universitas Malikussaleh. <i>MATEC Web of Conferences</i> , <b>2018</b> , 197, 16005	0.3	8
31	A Slack-Based Measures for Improving the Efficiency Performance of Departments in Universitas Malikussaleh. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 491	0.8	22

30	Hesitant Fuzzy Linguistic Term Sets with Fuzzy Grid Partition in Determining the Best Lecturer. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 59	0.8	16
29	Comparison of AHP-TOPSIS Hybrid Methods, WP and SAW for Multi-Attribute Decision-Making to Select The Best Electrical Expert. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012100	0.3	1
28	Breadth First Search Approach for Shortest Path Solution in Cartesian Area. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012036	0.3	6
27	Variation Ignition Timing Against Environmentally Friendly Gas Exhaust Emissions on 7K Gasoline Engine and Its Dissemination Using Website. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012054	0.3	
26	Electronic Model for Election of Governor of Student Executive Board (BEM) with Radio Frequency Identification (RFID) Reading on Student Identity Card. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012098	0.3	
25	Application of Web Based Book Calculation using Deterministic Dynamic Programming Algorithm. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012040	0.3	1
24	Combination Base64 and Hashing Variable Length for Securing Data. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1028, 012056	0.3	9
23	Designing Data Mining Applications with Rough Set Algorithm for Provision of Recommendations in the Selection of Training Topics on Online Learning. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012072	0.3	
22	Adding Value of Crispy Peperek Product Using Quality Function Deployment and Value Added Engineering. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012074	0.3	1
21	A Bounding Box Collision Detection Method Based On The Android System For Adventure Game. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1114, 012099	0.3	
20	Car painting process scheduling with harmony search algorithm. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 308, 012044	0.4	3
19	E-Business, The impact of the Regional Government Development (APBD) on Information and Communication Development in Indonesia. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012045	0.3	
18	DEA Optimization with Neural Network in Benchmarking Process. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 288, 012041	0.4	24
17	Prime Numbers Comparison using Sieve of Eratosthenes and Sieve of Sundaram Algorithm. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 978, 012123	0.3	2
16	Searching Process with Raita Algorithm and its Application. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012004	0.3	5
15	Implementation of augmented reality to train focus on children with s pecial needs. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 978, 012109	0.3	2
14	E-Business, Airport Development and Its Impact on the Increasing of Information of Communication Development in Indonesia. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012046	0.3	0
13	Decision Support System for Islamic Couple Selection Using Fuzzy-AHP and WSM Method Based Web. <i>MATEC Web of Conferences</i> , <b>2018</b> , 197, 15009	0.3	2

12	Congklak, a traditional game solution approach with breadth first search. <i>MATEC Web of Conferences</i> , <b>2018</b> , 197, 03007	0.3	5
11	Analysis of e-learning implementation readiness based on integrated elr model. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012041	0.3	9
10	Combination Base64 Algorithm and EOF Technique for Steganography. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1007, 012003	0.3	10
9	Keylogger Application to Monitoring Users Activity with Exact String Matching Algorithm. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 954, 012008	0.3	3
8	Flashcard computer generated imagery medicinal plant for orthopedagogic education. <i>MATEC Web of Conferences</i> , <b>2018</b> , 197, 15005	0.3	1
7	Application of The MODAPTS Method with Innovative Solutions in The Cement Packing Process. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 470	0.8	7
6	Small and Medium Enterprises, Central Business District (CBD) for Accelerating of Regional Development. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 420	0.8	
5	K-means method with linear search algorithm to reduce Means Square Error (MSE) within data clustering. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 434, 012032	0.4	4
4	Identification Male Fertility Through Abnormalities Sperm Based Morphology (Teratospermia) using Invariant Moment Method. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 978, 012107	0.3	
3	Modeling Data Containing Outliers using ARIMA Additive Outlier (ARIMA-AO). <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 954, 012010	0.3	2
2	A research framework of disaster traffic management to Smart City <b>2017</b> ,		4
1	Data envelopment analysis with upper bound on output to measure efficiency performance of departments in Malaikulsaleh University. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 890, 012102	0.3	7