Dahlan Abdullah

List of Publications by Year
in descending order

98 papers	447 citations	932766 10 h-index	887659 17 g-index
99 all docs	99 docs citations	99 times ranked	249 citing authors

#	Article	IF	Citations
1	Analysis of Student Satisfaction Toward Quality of Service Facility. Journal of Physics: Conference Series, 2018, 954, 012019.	0.3	55
2	DEA Optimization with Neural Network in Benchmarking Process. IOP Conference Series: Materials Science and Engineering, 2018, 288, 012041.	0.3	26
3	A Slack-Based Measures for Improving the Efficiency Performance of Departments in Universitas Malikussaleh. International Journal of Engineering and Technology(UAE), 2018, 7, 491.	0.2	23
4	Analysis of user readiness toward ICT usage at small medium enterprise in south tangerang. Journal of Physics: Conference Series, 2018, 1007, 012042.	0.3	23
5	Analysis of e-learning implementation readiness based on integrated elr model. Journal of Physics: Conference Series, 2018, 1007, 012041.	0.3	20
6	Hesitant Fuzzy Linguistic Term Sets with Fuzzy Grid Partition in Determining the Best Lecturer. International Journal of Engineering and Technology(UAE), 2018, 7, 59.	0.2	19
7	Combination Base64 Algorithm and EOF Technique for Steganography. Journal of Physics: Conference Series, 2018, 1007, 012003.	0.3	16
8	Keylogger Application to Monitoring Users Activity with Exact String Matching Algorithm. Journal of Physics: Conference Series, 2018, 954, 012008.	0.3	14
9	Hypertensive retinopathy identification through retinal fundus image using backpropagation neural network. Journal of Physics: Conference Series, 2018, 978, 012106.	0.3	12
10	Fuzzy Model Tahani as Decision Support System for Employee Promotion. International Journal of Engineering and Technology(UAE), 2018, 7, 88.	0.2	11
11	Lecturers' Understanding on Indexing Databases of SINTA, DOAJ, Google Scholar, SCOPUS, and Web of Science: A Study of Indonesians. Journal of Physics: Conference Series, 2018, 954, 012026.	0.3	10
12	Multi-View Faces Detection Using Viola-Jones Method. Journal of Physics: Conference Series, 2018, 1114, 012068.	0.3	10
13	Super-Encryption Cryptography with IDEA and WAKE Algorithm. Journal of Physics: Conference Series, 2018, 1019, 012039.	0.3	9
14	Breadth First Search Approach for Shortest Path Solution in Cartesian Area. Journal of Physics: Conference Series, 2018, 1019, 012036.	0.3	9
15	Combination Base64 and Hashing Variable Length for Securing Data. Journal of Physics: Conference Series, 2018, 1028, 012056.	0.3	9
16	Application of The MODAPTS Method with Innovative Solutions in The Cement Packing Process. International Journal of Engineering and Technology(UAE), 2018, 7, 470.	0.2	9
17	Data envelopment analysis with upper bound on output to measure efficiency performance of departments in Malaikulsaleh University. Journal of Physics: Conference Series, 2017, 890, 012102.	0.3	8
18	A Slack-Based Measures within Group Common Benchmarking using DEA for Improving the Efficiency Performance of Departments in Universitas Malikussaleh. MATEC Web of Conferences, 2018, 197, 16005.	0.1	8

#	Article	IF	Citations
19	Modeling Data Containing Outliers using ARIMA Additive Outlier (ARIMA-AO). Journal of Physics: Conference Series, 2018, 954, 012010.	0.3	8
20	A research framework of disaster traffic management to Smart City. , 2017, , .		7
21	Investigating pre-service teachers about their competencies, experiences, and attitudes towards technology integration. Journal of Physics: Conference Series, 2018, 1114, 012033.	0.3	7
22	Application of Interpolation Image by using Bi-Cubic Algorithm. Journal of Physics: Conference Series, 2018, 1114, 012066.	0.3	7
23	A New Diversity Technique for Imbalance Learning Ensembles. International Journal of Engineering and Technology(UAE), 2018, 7, 478.	0.2	7
24	Searching Process with Raita Algorithm and its Application. Journal of Physics: Conference Series, 2018, 1007, 012004.	0.3	7
25	A Research Framework for Data Envelopment Analysis with Upper Bound on Output to Measure Efficiency Performance of Higher Learning Institution in Aceh Province. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 336.	0.2	7
26	Congklak, a traditional game solution approach with breadth first search. MATEC Web of Conferences, 2018, 197, 03007.	0.1	6
27	E-Business, the impact of regional growth on the improvement of Information and Communication Development. Journal of Physics: Conference Series, 2018, 1007, 012044.	0.3	6
28	Breadth First Search Approach for Shortest Path Solution in Cartesian Area. Journal of Physics: Conference Series, 2018, 1019, 012038.	0.3	5
29	The Influence of Stakeholder Factors Affecting the Success of Construction Projects In Indonesia. Journal of Physics: Conference Series, 2018, 1114, 012135.	0.3	5
30	Implementation of augmented reality to train focus on children with s pecial needs. Journal of Physics: Conference Series, 2018, 978, 012109.	0.3	5
31	The Implementation of The E-Learning Concept In Education. Journal of Physics: Conference Series, 2019, 1363, 012063.	0.3	5
32	Genetic algorithm to solve the problems of lectures and practicums scheduling. IOP Conference Series: Materials Science and Engineering, 2018, 308, 012046.	0.3	4
33	Comparison of AHP-TOPSIS Hybrid Methods, WP and SAW for Multi-Attribute Decision-Making to Select The Best Electrical Expert. Journal of Physics: Conference Series, 2018, 1114, 012100.	0.3	4
34	Car painting process scheduling with harmony search algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 308, 012044.	0.3	4
35	Decision Support System for Islamic Couple Selection Using Fuzzy-AHP and WSM Method Based Web. MATEC Web of Conferences, 2018, 197, 15009.	0.1	4
36	K-means method with linear search algorithm to reduce Means Square Error (MSE) within data clustering. IOP Conference Series: Materials Science and Engineering, 2018, 434, 012032.	0.3	4

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37	Data Mining to Determine Correlation of Purchasing Cosmetics With A priori Method. Journal of Physics: Conference Series, 2019, 1361, 012056.	0.3	4
38	Block Architecture Problem with Depth First Search Solution and Its Application. Journal of Physics: Conference Series, 2018, 954, 012006.	0.3	3
39	E-Business, Airport Development and Its Impact on the Increasing of Information of Communication Development in Indonesia. Journal of Physics: Conference Series, 2018, 1007, 012046.	0.3	3
40	Flashcard computer generated imagery medicinal plant for orthopedagogic education. MATEC Web of Conferences, 2018, 197, 15005.	0.1	3
41	Integrating Technology And Media In Learning Process. Journal of Physics: Conference Series, 2019, 1363, 012060.	0.3	3
42	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. Journal of Physics: Conference Series, 2018, 1114, 012125.	0.3	2
43	Inflated Portable Cold Storage House with Solar Cells as facilities to support the fisheries production and marketing. International Journal of Engineering and Technology(UAE), 2018, 7, 323.	0.2	2
44	Automatic Blood Pressure Detector Using Arduino to Measure Blood Pressure in Indonesian People Age 19-27 Years Old. International Journal of Engineering and Technology(UAE), 2018, 7, 115.	0.2	2
45	Application of Web Based Book Calculation using Deterministic Dynamic Programming Algorithm. Journal of Physics: Conference Series, 2018, 1019, 012040.	0.3	2
46	Adding Value of Crispy Peperek Product Using Quality Function Deployment and Value Added Engineering. Journal of Physics: Conference Series, 2018, 1114, 012074.	0.3	2
47	Prime Numbers Comparison using Sieve of Eratosthenes and Sieve of Sundaram Algorithm. Journal of Physics: Conference Series, 2018, 978, 012123.	0.3	2
48	Implementation of Augmented Reality in Pretend Play Therapy for Children with Autism Spectrum Disorder. Journal of Physics: Conference Series, 2019, 1235, 012104.	0.3	2
49	Diabetic Retinopathy Identification using Deep Believe Network. Journal of Physics: Conference Series, 2019, 1235, 012103.	0.3	2
50	Visualization of Virtual House Model on Property Brochure Using Augmented Technology. Journal of Physics: Conference Series, 2019, 1235, 012105.	0.3	2
51	Improvement Suggestion Performance of Blowing Machine Line 4 with Total Productive Maintenance (TPM) Method at PT. Coca-Cola Amatil Indonesia MedanUnit. Journal of Physics: Conference Series, 2019, 1361, 012053.	0.3	2
52	Application of Data Mining Prediction of Electricity Deviation Flow Using Metode Backpropogation at PLN Binjai Area. Journal of Physics: Conference Series, 2019, 1363, 012067.	0.3	2
53	Lecture Scheduling System Using Welch Powell Graph Coloring Algorithm in Informatics Engineering Departement of Universitas Malikussaleh. Journal of Physics: Conference Series, 2019, 1363, 012074.	0.3	2
54	Medium Enterprises, Campus Infrastructure Development with Private Partnership. International Journal of Engineering and Technology(UAE), 2018, 7, 425.	0.2	2

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55	HAR-MI method for multi-class imbalanced datasets. Telkomnika (Telecommunication Computing) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	2
56	Indonesia Position in The Globalization of Construction Industry. Journal of Physics: Conference Series, 2018, 1114, 012133.	0.3	1
57	Electronic Model for Election of Governor of Student Executive Board (BEM) with Radio Frequency Identification (RFID) Reading on Student Identity Card. Journal of Physics: Conference Series, 2018, 1114, 012098.	0.3	1
58	E-Business, The impact of the Regional Government Development (APBD) on Information and Communication Development in Indonesia. Journal of Physics: Conference Series, 2018, 1007, 012045.	0.3	1
59	Identification Male Fertility Through Abnormalities Sperm Based Morphology (Teratospermia) using Invariant Moment Method. Journal of Physics: Conference Series, 2018, 978, 012107.	0.3	1
60	Implementation of Tahani Fuzzy Logic Method for Selection of Optimal Tourism Site. Journal of Physics: Conference Series, 2019, 1361, 012051.	0.3	1
61	Expert System Diagnosing Disease of Honey Guava Using Bayes Method. Journal of Physics: Conference Series, 2019, 1361, 012054.	0.3	1
62	Drug Users Prediction Using Backpropagation EducationalMethod. Journal of Physics: Conference Series, 2019, 1361, 012055.	0.3	1
63	Detection System of Aceh Ethnic Music Types Based On Sound Using the Hubbard Stratonovich Transformation Method. Journal of Physics: Conference Series, 2019, 1363, 012076.	0.3	1
64	DEA Model with Hesitant Fuzzy Polyhedral Set in Benchmarking. Journal of Physics: Conference Series, 2019, 1361, 012033.	0.3	1
65	The Implementation of Backtracking Algorithm on Crossword Puzzle Games Based on Android. Journal of Physics: Conference Series, 2019, 1363, 012075.	0.3	1
66	Hybrid Approach Redefinition (HAR) Method with Loss Factors in Handling Class Imbalance Problem. , 2018, , .		0
67	Inclusive Entrepreneurship Infrastructure Development Special Aspects in Ukraine. International Journal of Engineering and Technology(UAE), 2018, 7, 425.	0.2	0
68	Internet and Terrorism in Indonesia. Journal of Physics: Conference Series, 2018, 1114, 012080.	0.3	0
69	Design of Decision Support System Determination of Inventory Inventory Using Single Exponential Smoothing Forecasting Method. Journal of Physics: Conference Series, 2018, 1114, 012082.	0.3	0
70	Digital Image Security Application With Arnold Cat Map (ACM). Journal of Physics: Conference Series, 2018, 1114, 012059.	0.3	0
71	Model of Organizational Effectiveness Project Management on Infrastructure Development in Ministry of Public Works and Housing Republic of Indonesia. Journal of Physics: Conference Series, 2018, 1114, 012129.	0.3	0
72	Pseudo-prime number simulation and its application for security purpose. MATEC Web of Conferences, 2018, 197, 03005.	0.1	0

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73	Variation Ignition Timing Against Environmentally Friendly Gas Exhaust Emissions on 7K Gasoline Engine and Its Dissemination Using Website. Journal of Physics: Conference Series, 2018, 1114, 012054.	0.3	0
74	Designing Data Mining Applications with Rough Set Algorithm for Provision of Recommendations in the Selection of Training Topics on Online Learning. Journal of Physics: Conference Series, 2018, 1114, 012072.	0.3	0
75	A Bounding Box Collision Detection Method Based On The Android System For Adventure Game. Journal of Physics: Conference Series, 2018, 1114, 012099.	0.3	0
76	Small and Medium Enterprises, Central Business District (CBD) for Accelerating of Regional Development. International Journal of Engineering and Technology(UAE), 2018, 7, 420.	0.2	0
77	A Guidance Application for Historical Routes and Location Area with Augmented Reality. Journal of Physics: Conference Series, 2019, 1235, 012077.	0.3	0
78	Augmented Reality for Presenting Local Wisdom: Sumatera Utara Traditional House. Journal of Physics: Conference Series, 2019, 1235, 012102.	0.3	0
79	The Function Of Technology And Device Laptop For Education Purpose. Journal of Physics: Conference Series, 2019, 1363, 012062.	0.3	0
80	Body Height Detection System Using Russel & Rao Method. Journal of Physics: Conference Series, 2019, 1363, 012070.	0.3	0
81	Sms Encryption Application Using 3Des (Triple Data Encryption Standard) Algorithm Based on Android. Journal of Physics: Conference Series, 2019, 1363, 012077.	0.3	0
82	Calculation of Current Strength Software in Closed Circuits. Journal of Physics: Conference Series, 2019, 1364, 012022.	0.3	0
83	Chess Game Software Design. Journal of Physics: Conference Series, 2019, 1364, 012023.	0.3	0
84	Designing Guitar Tuning Software Using Karplus Strong Algorithm. Journal of Physics: Conference Series, 2019, 1364, 012027.	0.3	0
85	Designing Image Correction Software with the Wavelet Method. Journal of Physics: Conference Series, 2019, 1364, 012028.	0.3	0
86	Designing SwiSH Max Learning Software Based of Multimedia. Journal of Physics: Conference Series, 2019, 1364, 012032.	0.3	0
87	HFLTS-TOPSIS With Pseudo-distance in Determining The Best Lecturers. Journal of Physics: Conference Series, 2019, 1363, 012073.	0.3	0
88	Hesitant Fuzzy-Stochastic Data Envelopment Analysis (HF-SDEA) Model for Benchmarking. International Journal on Informatics Visualization, 2021, 5, 94-98.	0.5	0
89	SISTEM PENGAMBILAN KEPUTUSAN KREDIT RUMAH DENGAN METODE FUZZYSAW MADM. Jurnal Informatika, 2015, 9, .	0.3	0
90	Visual Cryptography with RSA Algorithm for Color Image. International Journal of Engineering and Technology(UAE), 2018, 7, 65.	0.2	0

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91	Prototipe Aplikasi Pengukuran Efesiensi Produksi Air Mineral Dengan Metode DEA di Wilayah Aceh Utara Dan Kota Lhokseumawe. Industrial Engineering Journal, 2019, 8, .	0.0	0
92	Prototipe Aplikasi Pengukuran Efisiensi Pendidikan Pesantren Di Kota Lhokseumawe Menggunakan Metode DEA. Industrial Engineering Journal, 2019, 8, .	0.0	0
93	Prototipe Aplikasi Tingkat Efisiensi Pusat Kesehatan Masyarakat Kota Lhokseumawe Dengan Metode DEA. Industrial Engineering Journal, 2019, 8, .	0.0	0
94	Prototipe Aplikasi Penerapan Metode DEA Untuk Pengukuran Efisiensi Kinerja Pendidikan Sekolah Menengah Atas Negeri Di Kabupaten Aceh Utara. Industrial Engineering Journal, 2019, 8, .	0.0	0
95	DEA and Fuzzy Simple Additive Weighting for Benchmarking Qualitative Data. Journal of Physics: Conference Series, 2019, 1361, 012037.	0.3	0
96	APLIKASI PENDAFTARAN MAHASISWA YUDISIUM DI FAKULTAS HUKUM UNIVERSITAS MALIKUSSALEH. Industrial Engineering Journal, 2020, 9, 32.	0.0	0
97	SISTEM INFORMASI PEMASANGAN LISTRIK PRABAYAR BARU. Industrial Engineering Journal, 2020, 9, .	0.0	0
98	Hybrid approach redefinition with cluster-based instance selection in handling class imbalance problem. International Journal of Advances in Intelligent Informatics, 2021, 7, 345.	0.8	0