

Muhammad Ali Ramdhani

List of Publications by Citations

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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.

68

papers

574

citations

15

h-index

22

g-index

82

ext. papers

756

ext. citations

0.4

avg, IF

4.48

L-index

#	Paper	IF	Citations
68	Augmented Reality (AR) Technology on The Android Operating System in Chemistry Learning. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012068	0.4	43
67	Implementation of Nearest Neighbor using HSV to Identify Skin Disease. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012153	0.4	37
66	Implementation of Mamdani Fuzzy Method in Employee Promotion System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012147	0.4	36
65	Design of Smart System to Detect Ripeness of Tomato and Chili with New Approach in Data Acquisition. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012018	0.4	34
64	Learning Crude Oil by Using Scientific Literacy Comics. <i>Journal of Physics: Conference Series</i> , 2017 , 895, 012011	0.3	30
63	Expert System for Deciding a Solution of Mechanical Failure in a Car using Case-based Reasoning. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012011	0.4	29
62	Systematic Design of Expert System Using Unified Modelling Language. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012047	0.4	29
61	Designing Interactive Electronic Module in Chemistry Lessons. <i>Journal of Physics: Conference Series</i> , 2017 , 895, 012009	0.3	29
60	Social Media-Based Identifier for Natural Disaster. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012039	0.4	28
59	Web Scraping and Naïve Bayes Classification for Job Search Engine. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012038	0.4	26
58	Volta-Based Cells Materials Chemical Multiple Representation to Improve Ability of Student Representation. <i>Journal of Physics: Conference Series</i> , 2017 , 895, 012010	0.3	24
57	Expert system for predicting the early pregnancy with disorders using artificial neural network 2017 ,		22
56	Requirements Elicitation in Software Engineering. <i>International Journal of Engineering and Technology(UAE)</i> , 2018 , 7, 772	0.8	20
55	Learning Material of Chemistry in High School Using Multiple Representations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012078	0.4	19
54	Implementation of Automation System for Humidity Monitoring and Irrigation System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012092	0.4	18
53	Automated Text Summarization for Indonesian Article Using Vector Space Model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012037	0.4	14
52	Using Android-Based Educational Game for Learning Colloid Material. <i>Journal of Physics: Conference Series</i> , 2017 , 895, 012012	0.3	14

51	Early Warning System in Mobile-Based Impacted Areas. <i>International Journal of Engineering and Technology(UAE)</i> , 2018 , 7, 118	0.8	11
50	On the Design of Watering and Lighting Control Systems for Chrysanthemum Cultivation in Greenhouse Based on Internet of Things. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012105	0.4	9
49	System Design of Controlling and Monitoring on Aquaponic Based on Internet of Things 2018 ,		9
48	Key Success Factors of e-Learning Implementation in Higher Education. <i>International Journal of Emerging Technologies in Learning</i> , 2020 , 15, 101	1.4	8
47	Incremental technique with set of frequent word item sets for mining large Indonesian text data 2017 ,		8
46	Multimedia Based on Scientific Approach for Periodic System of Element. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012137	0.4	7
45	Theoretical Investigation of Inclusion Complex between Omeprazole Enantiomers and Carboxymethyl- β -Cyclodextrin. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012138	0.4	7
44	An Improved of Stemming Algorithm for Mining Indonesian Text with Slang on Social Media 2018 ,		6
43	Flexibility of Indonesian text pre-processing library. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019 , 13, 420	1.6	5
42	Pan-Tilt Modelling for Face Detection. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012204	0.4	4
41	Growth and Yield of Chili in Nutrient Film Technique at Different Electrical Conductivity. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012034	0.4	4
40	On The Design of Array Microstrip Antenna with S-Band Frequency for Radar Communication. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012006	0.4	3
39	Dye Sensitized Solar Cells (DSSC) Performance Reviewed from the Composition of Titanium Dioxide (TiO ₂)/Zinc Oxide (ZnO). <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012070	0.4	3
38	Edmodo-based blended learning on mathematical proving capability. <i>Journal of Physics: Conference Series</i> , 2019 , 1157, 042001	0.3	3
37	Design of the automatic shoe dryer. <i>MATEC Web of Conferences</i> , 2018 , 197, 11009	0.3	3
36	Model of Cytation Network Analysis using Sequence of Words as Structured Text Representation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012048	0.4	3
35	The Implementation of Alert System for LAN Network Monitoring Using the Dude Based Email. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012054	0.4	3
34	A solar simulator using a LCD projector for students laboratory. <i>Physics Education</i> , 2018 , 53, 055021	0.8	2

33	Computer speech recognition to text for recite Holy Quran. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012044	0.4	2
32	Analysis of determinant factors of e-Government implementation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012049	0.4	2
31	Innovation and technology diffusion in agricultural sector. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012247	0.4	2
30	The concept of sequential pattern mining for text. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012042	0.4	2
29	Dual-band Rectangular Microstrip Patch Antenna for LTE and BWA Application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012211	0.4	2
28	The readiness model of information technology implementation among universities in Indonesia. <i>Journal of Physics: Conference Series</i> , 2019 , 1175, 012267	0.3	1
27	Solubility equilibrium learning supported by PhET-SS. <i>Journal of Physics: Conference Series</i> , 2019 , 1157, 042010	0.3	1
26	Determine the Optimal Solution for Linear Programming with Interval Coefficients. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012061	0.4	1
25	Comparison of Naive Bayes and K-Nearest Neighbor methods to predict divorce issues. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012047	0.4	1
24	Additional Halogen Group (F, Cl, and Br) to 2-Phenyl-imidazole[1,2]pyridine on Corrosion Inhibition Properties: A Computational Study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012033	0.4	1
23	Decision support system for football player's position with tsukamoto fuzzy inference system. <i>MATEC Web of Conferences</i> , 2018 , 197, 03014	0.3	1
22	Design of decision support system for santri admission. <i>MATEC Web of Conferences</i> , 2018 , 197, 03010	0.3	1
21	Design of Android Interactive Multimedia for the Concept of Aromatic Compound. <i>MATEC Web of Conferences</i> , 2018 , 197, 16004	0.3	1
20	Internet of things for automatic garage doors using ESP8266 module. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012057	0.4	1
19	The implementation of voice over internet protocol on private automatic branch exchange using analog telephone adapter. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012272	0.4	0
18	DC Motor Speed Controller Design using Pulse Width Modulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012205	0.4	0
17	Algebraic experience material with lectors inspire. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012268	0.4	0
16	Analyzes of cybercrime expansion in Indonesia and preventive actions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012257	0.4	0

15	Comparison of principal component analysis algorithm and local binary pattern for feature extraction on face recognition system. <i>MATEC Web of Conferences</i> , 2018 , 197, 03001	0.3	0
14	Concepts of Strategic Management of Information Technology. <i>Journal of Physics: Conference Series</i> , 2019 , 1175, 012264	0.3	
13	Development of android-based chemistry learning media oriented towards generic science skills. <i>Journal of Physics: Conference Series</i> , 2019 , 1157, 042047	0.3	
12	The Effect of Amplitude Modulation Index and Frequency Modulation Index on Total Harmonic Distortion in 1-Phase Inverter. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 0121074	0.4	
11	Evodia suaveolens Repellent Action against Aedes aegypti from Entering a Room. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012014	0.4	
10	Biopsychological Approach on Hearing Impairment Caused by Instrumental Hearing Habit. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012016	0.4	
9	Stabilization of Output Voltage with Feedback Circuit and Filter on 2 Stages-Step Up Converter (24V to 312V DC). <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012031	0.4	
8	Total vertex irregularity strength of comb product of two cycles. <i>MATEC Web of Conferences</i> , 2018 , 197, 01007	0.3	
7	The effect of infrastructure and human resources on the higher education services output. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012009	0.4	
6	Design of expert system for owning motorcycle with Naive Bayes classifier. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012058	0.4	
5	Analysis of Artificial Bee Colony algorithm for optimizing lecture schedule based on willingness of teaching submission. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012038	0.4	
4	Latin to Sundanese script conversion using Finite State automata algorithm. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012063	0.4	
3	An approach to determine the concentration of coloured solution using android smartphones. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012088	0.4	
2	Morphological Characterization of Etlingera Elatior (Jack) Explored in Sukabumi, West Java, Indonesia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 288, 012091	0.4	
1	Design of expert system for train operational feasibility with Tsukamoto fuzzy inference system. <i>MATEC Web of Conferences</i> , 2018 , 197, 03015	0.3	