

Ir Noor Akhmad Setiawan, Ipm

List of Publications by Year in descending order

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115
papers

621
citations

1477746

6
h-index

1473754

9
g-index

117
all docs

117
docs citations

117
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosine similarity to determine similarity measure: Study case in online essay assessment. , 2016, , .		131
2	Real-time traffic classification with Twitter data mining. , 2016, , .		24
3	Missing Attribute Value Prediction Based on Artificial Neural Network and Rough Set Theory. , 2008, , .		23
4	Recurrent neural network language model for English-Indonesian Machine Translation: Experimental study. , 2015, , .		23
5	Comparison of machine learning algorithms for soil type classification. , 2017, , .		23
6	A comparison of classification methods on diagnosis of thyroid diseases. , 2015, , .		16
7	Missing data estimation on heart disease using Artificial Neural Network and Rough Set Theory. , 2007, , .		14
8	Rule extraction for fuzzy expert system to diagnose Coronary artery disease. , 2016, , .		14
9	Fuzzy Decision Support System for Coronary Artery Disease Diagnosis Based on Rough Set Theory. International Journal of Rough Sets and Data Analysis, 2014, 1, 65-80.	1.0	13
10	Spontaneous Gaze Gesture Interaction in the Presence of Noises and Various Types of Eye Movements. , 2020, , .		13
11	Performance evaluation of combined feature selection and classification methods in diagnosing parkinson disease based on voice feature. , 2015, , .		11
12	Random Forest Weighting based Feature Selection for C4.5 Algorithm on Wart Treatment Selection Method. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1858-1863.	0.2	11
13	Gender recognition using PCA and LDA with improve preprocessing and classification technique. , 2017, , .		10
14	A hybrid feature selection method using multiclass SVM for diagnosis of erythemato-squamous disease. AIP Conference Proceedings, 2017, , .	0.3	10
15	Cardiac Sound Classification Using Mel-Frequency Cepstral Coefficients (MFCC) and Artificial Neural Network (ANN). , 2018, , .		10
16	Question Classification on Question-Answer System using Bidirectional-LSTM. , 2019, , .		10
17	Wart treatment method selection using AdaBoost with random forests as a weak learner. Communications in Science and Technology, 2018, 3, 52-56.	0.4	10
18	Dynamic uav path planning for moving target intercept in 3D. , 2011, , .		9

#	ARTICLE	IF	CITATIONS
19	Robust Pupil Localization Algorithm Based on Circular Hough Transform for Extreme Pupil Occlusion. , 2018, , .		9
20	Feature selection methods in improving accuracy of classifying students' academic performance. , 2017, , .		8
21	The role of red dragon fruit peel (<i>Hylocereus polyrhizus</i>) to improvement blood lipid levels of hyperlipidaemia male mice. Journal of Physics: Conference Series, 2018, 1013, 012167.	0.3	8
22	Butterfly Image Classification Using Convolutional Neural Network (CNN). , 2021, , .		8
23	Internal content classification of ultrasound thyroid nodules based on textural features. Communications in Science and Technology, 2016, 1, 61-69.	0.4	8
24	Benchmarking of feature selection techniques for coronary artery disease diagnosis. , 2014, , .		7
25	Evaluation function effectiveness in Wireless Sensor Network routing using A-star algorithm. , 2016, , .		7
26	Improving Deep Learning Classifier for Fetus Hypoxia Detection in Cardiotocography Signal. , 2019, , .		7
27	A Study on Signal Complexity Measurement for Epileptic Seizure Detection. , 2019, , .		7
28	Power transformer incipient faults diagnosis using Dissolved Gas Analysis and Rough Set. , 2012, , .		6
29	Cascade generalization for breast cancer detection. , 2013, , .		6
30	Automated segmentation of optic disc area using mathematical morphology and active contour. , 2015, , .		6
31	Comparison analysis of data mining methodology and student performance improvement influence factors in small data set. , 2015, , .		6
32	Channel selection for common spatial pattern Based on energy calculation of motor imagery EEG signal. , 2017, , .		6
33	A Survey of Event Detection Methods for Eye Movements Classification in Smooth-Pursuit-Based Interactive Applications. , 2020, , .		6
34	Generation of Synthetic Continuous Numerical Data Using Generative Adversarial Networks. Journal of Physics: Conference Series, 2020, 1577, 012027.	0.3	6
35	Electric vehicle battery dynamics modelling using support vector machine. , 2013, , .		5
36	Segmentation of Plasmodium vivax phase on digital microscopic images of thin blood films using colour channel combination and Otsu method. AIP Conference Proceedings, 2016, , .	0.3	5

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37	Hybrid resampling to handle imbalanced class on classification of student performance in classroom. , 2017, , .		5
38	Comparative study of attribute reduction on arrhythmia classification dataset. , 2013, , .		4
39	Machinery equipment early fault detection using Artificial Neural Network based Autoencoder. , 2017, , .		4
40	Removing ocular artefacts in EEG signals by using combination of complete EEMD (CEEMD) and Independent Component Analysis (ICA) based outlier data. , 2017, , .		4
41	Discrete bacterial foraging optimization for resource allocation in macrocell-femtocell networks. ETRI Journal, 2018, 40, 726-735.	1.2	4
42	A Framework for Improving Recommendation in Adaptive Metacognitive Scaffolding. , 2018, , .		4
43	Leaves image synthesis using generative adversarial networks with regularization improvement. , 2018, , .		4
44	Rough-Set-Theory-Based Classification with Optimized k-Means Discretization. Technologies, 2022, 10, 51.	3.0	4
45	A knowledge discovery from incomplete coronary artery disease datasets using rough set. International Journal of Medical Engineering and Informatics, 2011, 3, 60.	0.2	3
46	Contrast measurement for no-reference retinal image quality assessment. , 2014, , .		3
47	Enhanced Graph Transforming Algorithm to solve transitive dependency between vertices. , 2017, , .		3
48	User-Centered Design on Metacognitive Training System: A Case in Algorithm and Data Structure Course. , 2018, , .		3
49	Enhancing student clustering to generate adaptive metacognitive instructions in learning system for vocational high school. International Journal of Innovation and Learning, 2018, 24, 419.	0.4	3
50	Improved Ranking Based Collaborative Filtering Using SVD and Borda Algorithm. , 2019, , .		3
51	A Survey of Signal Processing Filters, Calibration, and Interactive Applications based on Smooth Pursuit Eye Movement. , 2019, , .		3
52	Audiosonic Acoustic Detection of Air Corona Discharge based on Fast Fourier Transform. , 2019, , .		3
53	Cervical single cell of squamous intraepithelial lesion classification using shape features and extreme learning machine. Journal of Physics: Conference Series, 2021, 1816, 012081.	0.3	3
54	Comparison of Distributed K-Means and Distributed Fuzzy C-Means Algorithms for Text Clustering. Communications in Science and Technology, 2017, 2, 11-17.	0.4	3

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55	Machine learning algorithm for improving performance on 3 AQ-screening classification. Communications in Science and Technology, 2019, 4, 44-49.	0.4	3
56	Adaptive Dynamic Path Planning Algorithm for Interception of a Moving Target. International Journal of Mobile Computing and Multimedia Communications, 2013, 5, 19-33.	0.4	3
57	Classification of Human Concentration in EEG Signals Using Hilbert Huang Transform. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	3
58	UAV Dynamic Path Planning for Intercepting of a Moving Target: A Review. Communications in Computer and Information Science, 2013, , 206-219.	0.4	3
59	Development and evaluation of adaptive metacognitive scaffolding for algorithmic learning system. IET Software, 2019, 13, 305-312.	1.5	3
60	DGA-Based Early Transformer Fault Detection using GA-Optimized ANN. , 2021, , .		3
61	Optimization of neural network using genetic algorithm in forecasting third party funds bank. , 2014, , .		2
62	Implementation of scalable K-Means++ clustering for passengers temporal pattern analysis in public transportation system (BRT Trans Jogja case study). , 2016, , .		2
63	Work in progress: Application of unsupervised learning method toward student's metacognition assessment. , 2016, , .		2
64	User interface design for android-based family genealogy social media. , 2017, , .		2
65	Finding The Most Important Actor in Online Crowd by Social Network Analysis. Journal of Physics: Conference Series, 2017, 812, 012095.	0.3	2
66	A Comparative Analysis of Tree-based Machine Learning Algorithms for Breast Cancer Detection. , 2019, , .		2
67	Analytical Incremental Learning for Power Transformer Incipient Fault Diagnosis Based on Dissolved Gas Analysis. , 2019, , .		2
68	Enhanced Graph Transforming V2 Algorithm for Non-Simple Graph in Big Data Pre-Processing. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 67-77.	4.0	2
69	Interval type-2 fuzzy logic system for diagnosis coronary artery disease. Communications in Science and Technology, 2016, 1, 51-55.	0.4	2
70	Leak detection optimisation on retina fluorescein angiography images using phase stretch transform for malaria retinopathy. Communications in Science and Technology, 2018, 3, 44-47.	0.4	2
71	Forecasting Oil Production Flowrate Based on an Improved Backpropagation High-Order Neural Network with Empirical Mode Decomposition. Processes, 2022, 10, 1137.	1.3	2
72	The classification of fetus gender on ultrasound images using learning vector quantization (LVQ). , 2014, , .		1

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73	Modified relevance frequency feature weighting for email spam classification. , 2016, , .		1
74	Effective method for circle detection based on transformation of chain code direction. AIP Conference Proceedings, 2016, , .	0.3	1
75	Applying rough set theory for filtering large number of coronary artery disease (CAD) rules. , 2017, , .		1
76	Performance Improvement of C4.5 Algorithm using Difference Values Nodes in Decision Tree. , 2018, , .		1
77	EEG Motor Imagery Signal Classification Using Firefly Support Vector Machine. , 2018, , .		1
78	Narrow Window Feature Extraction for EEG-Motor Imagery Classification using k-NN and Voting Scheme. , 2018, , .		1
79	Comparative Analysis of Signal Denoising Methods for Object Selection in Gaze-Based Interactive Applications. , 2019, , .		1
80	An Effective Quantum Inspired Genetic Algorithm for Continuous Multiobjective Optimization. , 2019, , .		1
81	Improving normalization method of higher-order neural network in the forecasting of oil production. E3S Web of Conferences, 2020, 200, 02016.	0.2	1
82	Classification of arrhythmia's ECG signal using cascade transparent classifier. Journal of Intelligent and Fuzzy Systems, 2022, 42, 1015-1025.	0.8	1
83	Multiclass Classification of Brain-Computer Interface Motor Imagery System: A Systematic Literature Review. , 2021, , .		1
84	A review on smartphone usage data for user identification and user profiling. Communications in Science and Technology, 2021, 6, 25-34.	0.4	1
85	DIAGNOSIS GANGGUAN PERMULAAN TRANSFORMATOR DAYA DENGAN JARINGAN SYARAF TIRUAN. Telkomnika (Telecommunication Computing Electronics and Control), 2005, 3, 161.	0.6	1
86	Identification of plasmodium falciparum and plasmodium vivax on digital image of thin blood films gf. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 933.	0.7	1
87	Improving multi-class EEG-motor imagery classification using two-stage detection on one-versus-one approach. Communications in Science and Technology, 2020, 5, 85-92.	0.4	1
88	Prediction of Lubricant Service Life Using Data Mining to Improve Reliability of Water Injection Pumps in Crude Oil Production Facility. , 2021, , .		1
89	Comparison on Classification of the Holy Quran Verses using MFCC and RQA. , 2021, , .		1
90	Confirmation of Personality Types Using Visual Evoked Potential with User Interface Design Stimulus. Journal of Computer Science, 2021, 17, 1138-1146.	0.5	1

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91	The development of 3D curve dynamic path planning simulation in cluttered environment. , 2012, , .		0
92	Performance analysis of combined algorithms for hybridization in mammography. , 2012, , .		0
93	Cascade neural network for predicting epitope on P24 HIV-1. AIP Conference Proceedings, 2016, , .	0.3	0
94	The Design of Spatial Selection Using CUR Decomposition to Improve Common Spatial Pattern for Multi-trial EEG Classification. Communications in Computer and Information Science, 2017, , 428-442.	0.4	0
95	Developing Multiple Nested Schema to Reduce Data Redundancy in CONoSQLDB Schema. , 2018, , .		0
96	Performance Enhancement of Complete Ensemble Empirical Mode Decomposition (CEEMD) - Independent Component Analysis (ICA) In Ocular Artifact Removal. , 2019, , .		0
97	Certainty Factor Based Pruning for C4.5 Algorithm. , 2019, , .		0
98	FORTEI-ICEE 2020 Commentary. , 2020, , .		0
99	General Chair. , 2020, , .		0
100	Logistic Regression based Feature Selection and Two-Stage Detection for EEG based Motor Imagery Classification. International Journal of Intelligent Engineering and Systems, 2021, 14, 134-146.	0.8	0
101	Serendipity Identification Using Distance-Based Approach. IJITEE (International Journal of Information) Tj ETQq1 1 0,784314 rgBT /Overlo 0,3	0.3	0
102	Improving Multi-Class Motor Imagery EEG Signals Classification Using Ensemble Learning Method. , 2021, , .		0
103	A recognition method of important image regions in retrieved image data set corresponding to user's given query. , 2014, , .		0
104	Breast cancer diagnosis improvement using feature selection. , 2014, , .		0
105	Automated web service SLA negotiation using multiagent system. , 2014, , .		0
106	Analysis of Digital Image Using Pyramidal Gaussian Method to Detect Pavement Crack. Advanced Science Letters, 2015, 21, 3565-3568.	0.2	0
107	Fuzzy Decision Support System for Coronary Artery Disease Diagnosis Based on Rough Set Theory. , 2017, , 1367-1384.		0
108	R-peaks detection method for classifying arrhythmia disorder. Berkala Ilmu Kedokteran, 2017, 49, 191-199.	0.1	0

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109	Enhancing student clustering to generate adaptive metacognitive instructions in learning system for vocational high school. International Journal of Innovation and Learning, 2018, 24, 419.	0.4	0
110	Feature analysis for stage identification of Plasmodium vivax based on digital microscopic image. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 721.	0.7	0
111	Mitigation of Insulator Ultraviolet Emission Measurement Errors Using Facular Area. , 2021, , .		0
112	Severity Level of An Insulator in Polluted and Dry Conditions Based on Ultraviolet Emission. , 2020, , .		0
113	Fast Ellipse Fitting Implementation on USG Mobile Telehealth Application. , 2020, , .		0
114	A New Tele-Healthcare System of Heart Sound Signal Classification based on Gated Recurrent Unit. , 2021, , .		0
115	A Proposed User Interface Design as a Stimulus for Personality Types Confirmation. Advances in Science and Technology, 0, , .	0.2	0