

Adiwijaya Adiwijaya

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

1,025
citations

949033

11
h-index

843174

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g-index

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all docs

130
docs citations

130
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Analysis of Support Vector Machine (SVM) and Random Forest (RF) Classification for Cancer Detection using Microarray. , 2021, , .		1
2	Long Short-Term Memory approach for Wave Height Prediction: Study Case in Jakarta Bay, Indonesia. , 2021, , .		1
3	Microarray Gene Expression Classification for Cancer Detection using Artificial Neural Networks and Genetic Algorithm Hybrid Intelligence. , 2020, , .		15
4	Multilabel Classification of Hate Speech and Abusive Words on Indonesian Twitter Social Media. , 2020, , .		11
5	On The Feature Extraction For Sentiment Analysis of Movie Reviews Based on SVM. , 2020, , .		5
6	Wave Height Prediction based on Wind Information by using General Regression Neural Network, study case in Jakarta Bay. , 2020, , .		8
7	Multi-label Classification of Indonesian Hate Speech on Twitter Using Support Vector Machines. , 2020, , .		14
8	Supervised Artificial Neural Network approach for Tsunami Inversion: A Case Study from 2018 Gunung Anak Krakatau. , 2020, , .		0
9	Microarray Data Classification to Detect Cancer Cells by Using Discrete Wavelet Transform and Combining Classifiers Methods. , 2020, , .		0
10	ECG-based prediction algorithm for imminent malignant ventricular arrhythmias using decision tree. PLoS ONE, 2020, 15, e0231635.	1.1	20
11	Email Spam Classification Using Gated Recurrent Unit and Long Short-Term Memory. Journal of Computer Science, 2020, 16, 559-567.	0.5	7
12	Indonesian Text Classification using Back Propagation and Sastrawi Stemming Analysis with Information Gain for Selection Feature. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 234-238.	0.2	5
13	Deteksi Kanker Berdasarkan Data Microarray Menggunakan Metode Naïve Bayes dan Hybrid Feature Selection. Jurnal Media Informatika Budidarma, 2020, 4, 486.	0.1	1
14	Klasifikasi Multi Label pada Hadis Bukhari Terjemahan Bahasa Indonesia Menggunakan Mutual Information dan k-Nearest Neighbor. Jurnal Sisfokom (Sistem Informasi Dan Komputer), 2020, 9, 357-364.	0.1	2
15	An Implementation of Text Hiding in Medical Images based on Graph Coloring for Android Devices. Journal of Physics: Conference Series, 2019, 1192, 012008.	0.3	6
16	Image processing for snake identification based on bite using Local Binary Pattern and Support Vector Machine method. Journal of Physics: Conference Series, 2019, 1192, 012007.	0.3	0
17	Analysis of the influence of Minimum Redundancy Maximum Relevance as dimensionality reduction method on cancer classification based on microarray data using Support Vector Machine classifier. Journal of Physics: Conference Series, 2019, 1192, 012011.	0.3	4
18	Segmentation image re-coloring based on k-means clustering algorithm as a tool for partial color-blind people. Journal of Physics: Conference Series, 2019, 1192, 012012.	0.3	2

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19	Implementing binary particle swarm optimization and C4.5 decision tree for cancer detection based on microarray data classification. Journal of Physics: Conference Series, 2019, 1192, 012014.	0.3	4
20	A multilabel classification on topics of qurâ€™anic verses in English translation using K-Nearest Neighbor method with Weighted TF-IDF. Journal of Physics: Conference Series, 2019, 1192, 012026.	0.3	2
21	A multi-label classification on topics of Indonesian news using K-Nearest Neighbor. Journal of Physics: Conference Series, 2019, 1192, 012027.	0.3	4
22	A comparison of Neural Network and SVM on the multi-label classification of Quran verses topic in English translation. Journal of Physics: Conference Series, 2019, 1192, 012030.	0.3	7
23	Multi-label classification of Indonesian news topics using Pseudo Nearest Neighbor Rule. Journal of Physics: Conference Series, 2019, 1192, 012031.	0.3	3
24	Search relevant retrieval on indonesian translation hadith document using query expansion and smoothing probabilistic model. Journal of Physics: Conference Series, 2019, 1192, 012032.	0.3	1
25	Labeling Analysis in the Classification of Product Review Sentiments by using Multinomial Naive Bayes Algorithm. Journal of Physics: Conference Series, 2019, 1192, 012036.	0.3	3
26	Optimization of gas injection allocation to increase oil production using Gbest-guided artificial bee colony algorithm. Journal of Physics: Conference Series, 2019, 1192, 012049.	0.3	2
27	A new method for congestion avoidance in wireless mesh networks. Journal of Physics: Conference Series, 2019, 1192, 012062.	0.3	4
28	Two Stages Song Subject Classification on Indonesian Song Based on Lyrics, Genre & Artist. , 2019, , .		0
29	Snake bite classification using Chain code and K nearest neighbour. Journal of Physics: Conference Series, 2019, 1192, 012015.	0.3	2
30	A Multi-label Classification on Topics of Quranic Verses (English Translation) Using Backpropagation Neural Network with Stochastic Gradient Descent and Adam Optimizer. , 2019, , .		8
31	An Implementation of Support Vector Machine on the Multi-Label Classification of English-Translated Quranic Verses. Journal of Computer Science, 2019, 15, 1752-1758.	0.5	1
32	Implementing Principal Component Analysis and Multinomial Logit for Cancer Detection based on Microarray Data Classification. , 2019, , .		2
33	Development of Rule-Based Feature Extraction in Multi-label Text Classification. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 1460-1465.	0.2	4
34	Modified balanced random forest for improving imbalanced data prediction. International Journal of Advances in Intelligent Informatics, 2019, 5, 58.	0.8	12
35	Text Categorization on Hadith Sahih Al-Bukhari using Random Forest. Journal of Physics: Conference Series, 2018, 971, 012037.	0.3	3
36	Support vector machine and principal component analysis for microarray data classification. Journal of Physics: Conference Series, 2018, 971, 012003.	0.3	17

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37	Classification of polycystic ovary based on ultrasound images using competitive neural network. Journal of Physics: Conference Series, 2018, 971, 012005.	0.3	32
38	Social network analysis using k-Path centrality method. Journal of Physics: Conference Series, 2018, 971, 012015.	0.3	1
39	Handling imbalance data in churn prediction using combined SMOTE and RUS with bagging method. Journal of Physics: Conference Series, 2018, 971, 012007.	0.3	2
40	An implementation of support vector machine on sentiment classification of movie reviews. Journal of Physics: Conference Series, 2018, 971, 012056.	0.3	4
41	Cancer Detection Based on Microarray Data Classification with Ant Colony Optimization and Modified Backpropagation Conjugate Gradient Polak-Ribier. , 2018, , .		7
42	Multi-Label Topic Classification of Hadith of Bukhari (Indonesian Language Translation) Using Information Gain and Backpropagation Neural Network. , 2018, , .		9
43	Cancer Detection Based on Microarray Data Classification using Genetic Bee Colony (GBC) and Conjugate Gradient Backpropagation with Modified Polak Ribiere (MBP-CGP). , 2018, , .		1
44	Study of Wavelet and Line Search Techniques on Modified Backpropagation Polak-Ribiere Algorithm for Heart Failure Detection. , 2018, , .		2
45	Implementation of mutual information and bayes theorem for classification microarray data. Journal of Physics: Conference Series, 2018, 971, 012011.	0.3	11
46	On feature augmentation for semantic argument classification of the Quran English translation using support vector machine. Journal of Physics: Conference Series, 2018, 971, 012043.	0.3	2
47	A Multi-Label Classification on Topics of Quranic Verses in English Translation Using Tree Augmented Naïve Bayes. , 2018, , .		10
48	News Topic Classification Using Mutual Information and Bayesian Network. , 2018, , .		16
49	Detection of Atrial Fibrillation Disease Based on Electrocardiogram Signal Classification Using RR Interval and K-Nearest Neighbor. , 2018, , .		11
50	A Multi-Label Classification on Topics of Quranic Verses in English Translation Using Multinomial Naive Bayes. , 2018, , .		16
51	Dimensionality Reduction using Principal Component Analysis for Cancer Detection based on Microarray Data Classification. Journal of Computer Science, 2018, 14, 1521-1530.	0.5	53
52	Semantic text relatedness on Al-Qurân translation using modified path based method. Journal of Physics: Conference Series, 2018, 971, 012047.	0.3	0
53	Numerical simulation of breaking regular and irregular wave propagation above a sloping bottom. Journal of Physics: Conference Series, 2018, 1090, 012065.	0.3	2
54	Class dependency of fuzzy relational database using relational calculus and conditional probability. Journal of Physics: Conference Series, 2018, 971, 012001.	0.3	2

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55	Automatic Semantic Orientation of Adjectives for Indonesian Language Using PMI-IR and Clustering. Journal of Physics: Conference Series, 2018, 971, 012052.	0.3	1
56	Implementation of support vector machine for classification of speech marked hijaiyah letters based on Mel frequency cepstrum coefficient feature extraction. Journal of Physics: Conference Series, 2018, 971, 012050.	0.3	2
57	An implementation of Elman neural network for polycystic ovary classification based on ultrasound images. Journal of Physics: Conference Series, 2018, 971, 012016.	0.3	7
58	On the structure of Bayesian network for Indonesian text document paraphrase identification. Journal of Physics: Conference Series, 2018, 971, 012051.	0.3	3
59	On the classification techniques in data mining for microarray data classification. Journal of Physics: Conference Series, 2018, 971, 012004.	0.3	6
60	Classifying emotion in Twitter using Bayesian network. Journal of Physics: Conference Series, 2018, 971, 012041.	0.3	7
61	Study of Segmentation Technique and Stereology to Detect PCO Follicles on USG Images. Journal of Computer Science, 2018, 14, 351-359.	0.5	1
62	On the Feature Selection and Classification Based on Information Gain for Document Sentiment Analysis. Applied Computational Intelligence and Soft Computing, 2018, 2018, 1-5.	1.6	45
63	Classification of hadith into positive suggestion, negative suggestion, and information. Journal of Physics: Conference Series, 2018, 971, 012046.	0.3	12
64	Planting Date Recommendation for Chili and Tomato Based on Economic Value Prediction of Agricultural Commodities. Open Agriculture Journal, 2018, 12, 156-163.	0.3	4
65	Modified Backpropagation Algorithm for Polycystic Ovary Syndrome Detection Based on Ultrasound Images. Advances in Intelligent Systems and Computing, 2017, , 141-151.	0.5	10
66	Handling Imbalanced Data in Churn Prediction Using RUSBoost and Feature Selection (Case Study:) Tj ETQq0 0 0 rgBT /Overlçk 10 Tf 5	0.5	8
67	Prediction and anomaly detection of rainfall using evolving neural network to support planting calender in soreang (Bandung). , 2017, , .		5
68	Fraud detection on international direct dial call using hybrid NBTree algorithm and Kullback Leibler divergence. , 2017, , .		1
69	A classification of marked hijaiyah lettersâ€™™ pronunciation using hidden Markov model. AIP Conference Proceedings, 2017, , .	0.3	1
70	Aspect-based sentiment analysis to review products using Naïve Bayes. AIP Conference Proceedings, 2017, , .	0.3	81
71	A comparative study of MFCC-KNN and LPC-KNN for hijaiyyah letters pronunciation classification system. , 2017, , .		14
72	Comparative study of conjugate gradient to optimize learning process of neural network for Intrusion Detection System (IDS). , 2017, , .		10

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73	Churn prediction on fixed broadband internet using combined feed-forward neural network and SMOTEBoost algorithm. , 2017, , .		0
74	An implementation of convolutional neural network on PCO classification based on ultrasound image. , 2017, , .		17
75	A Daubechies wavelet transformation to optimize modeling calibration of active compound on drug plants. , 2017, , .		2
76	Evaluating functional requirements-based compound critiquing on conversational recommender system. , 2017, , .		7
77	Handling imbalanced data in churn prediction using ADASYN and backpropagation algorithm. , 2017, , .		22
78	An implementation of weighted moving average and genetic programming for rainfall forecasting in Bandung Regency. , 2017, , .		2
79	New Results on the (Super) Edge-Magic Deficiency of Chain Graphs. International Journal of Mathematics and Mathematical Sciences, 2017, 2017, 1-6.	0.3	1
80	Cancer Detection Based on Microarray Data Classification Using Deep Belief Network and Mutual Information. , 2017, , .		1
81	AN OPTIMIZATION OF CUSTOMER BANDWIDTH ASSIGNMENT WITH GROUND SEGMENT CONSIDERATION FOR INVESTMENT EFFICIENCY USING GENETIC ALGORITHM. Far East Journal of Electronics and Communications, 2017, 17, 209-228.	0.2	0
82	Implementation of Moving Average and Soft Computing algorithm to support planting season calendar forecasting system on mobile device. , 2016, , .		5
83	Implementation of local regression smoothing and fuzzy-grammatical evolution on rainfall forecasting for rice planting calendar. , 2016, , .		5
84	The implementation of neighbor embedding on grayscale image colorization. , 2016, , .		0
85	Digital medical image compression algorithm using adaptive Huffman coding and graph based quantization based on IWT-SVD. , 2016, , .		5
86	The Recognition of Hijaiyah Letter Pronunciation Using Mel Frequency Cepstral Coefficients and Hidden Markov Model. Advanced Science Letters, 2016, 22, 2043-2046.	0.2	6
87	Compound Critiquing for Conversational Recommender System Based on Functional Requirement. Advanced Science Letters, 2016, 22, 1892-1896.	0.2	7
88	CANCER DETECTION BASED ON MICROARRAY DATA CLASSIFICATION USING PCA AND MODIFIED BACK PROPAGATION. Far East Journal of Electronics and Communications, 2016, 16, 269-281.	0.2	16
89	A Classification of Polycystic Ovary Syndrome Based on Ultrasound Images Using Supervised Learning and Particle Swarm Optimization. Advanced Science Letters, 2016, 22, 1997-2001.	0.2	6
90	Planting Calendar of Potato Plants Based on Rainfall Forecasting Using Double Moving Average on Fuzzy Evolutionary Algorithm. Advanced Science Letters, 2016, 22, 2052-2056.	0.2	2

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91	A CLASSIFICATION OF THE CORONA PRODUCT OF A COMPLETE GRAPH WITH SOME GRAPHS BASED ON ITS f-CHROMATIC INDEX. Far East Journal of Mathematical Sciences, 2016, 100, 1859-1870.	0.0	0
92	A segmentation scheme of arabic words with harakat. , 2015, , .		5
93	Follicle Detection on the USG Images to Support Determination of Polycystic Ovary Syndrome. Journal of Physics: Conference Series, 2015, 622, 012027.	0.3	9
94	Data Hiding Scheme on Medical Image using Graph Coloring. Journal of Physics: Conference Series, 2015, 622, 012028.	0.3	3
95	Comparative Study of Moving Average on Rainfall Time Series Data for Rainfall Forecasting Based on Evolving Neural Network Classifier. , 2015, , .		13
96	Graph Coloring Based on Evolutionary Algorithms to Support Data Hiding Scheme on Medical Images. Procedia Computer Science, 2015, 74, 173-177.	1.2	5
97	Comparative study of grammatical evolution and adaptive neuro-fuzzy inference system on rainfall forecasting in Bandung. , 2015, , .		10
98	Feature extraction analysis on Indonesian speech recognition system. , 2015, , .		7
99	Particle Swarm Optimization on follicles segmentation to support PCOS detection. , 2015, , .		18
100	A classification of polycystic Ovary Syndrome based on follicle detection of ultrasound images. , 2015, , .		33
101	Development of word-based text compression algorithm for Indonesian language document. , 2015, , .		5
102	Recommender system based on user functional requirements using Euclidean fuzzy. , 2015, , .		2
103	Watermarking scheme for authenticity and integrity control of digital medical image using Reed-Muller Codes and Hash Block Chaining. , 2015, , .		4
104	SOME GRAPHS IN C_f BASED ON f -COLORING. International Journal of Pure and Applied Mathematics, 2015, 102, .	0.2	2
105	PLANTING CALENDAR FORECASTING SYSTEM USING EVOLVING NEURAL NETWORK. Far East Journal of Electronics and Communications, 2015, 14, 81-92.	0.2	10
106	Degree centrality and eigenvector centrality in twitter. , 2014, , .		32
107	Audit of health agency for supporting an e-health management system (EHMS) case study: Ciparay Health Center, Bandung. , 2014, , .		0
108	Probabilistic Partnership Index (PPI) in social network analysis using Kretschmer approach. , 2014, , .		0

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109	Anomaly Detection on Intrusion Detection System Using CLIQUE Partitioning. , 2014, , .		4
110	Rainfall prediction in Kemayoran Jakarta using Hybrid Genetic Algorithm (GA) and Partially Connected Feedforward Neural Network (PCFNN). , 2014, , .		14
111	Handling imbalanced data in customer churn prediction using combined sampling and weighted random forest. , 2014, , .		27
112	A rainfall forecasting using fuzzy system based on genetic algorithm. , 2013, , .		21
113	Machine learning of forecasting long-term economic crisis in Indonesia. , 2013, , .		1
114	The analysis and implementation of degree centrality in weighted graph in Social Network Analysis. , 2013, , .		11
115	Tamper detection and recovery of medical image watermarking using modified LSB and Huffman compression. , 2013, , .		13
116	A characterization of the corona product of a cycle with some graphs based on its f-chromatic index. , 2012, , .		1
117	Multiple watermarking on digital medical images for tamper detection and integrity control. , 2012, , .		6
118	Prediction system of economic crisis in Indonesia using time series analysis and system dynamic optimized by genetic algorithm. , 2012, , .		4
119	Optical Character Recognition using modified Direction Feature and Nested Multi Layer Perceptrons Network. , 2012, , .		3
120	Indonesian speech recognition system using Discriminant Feature Extraction — Neural Predictive Coding (DFE-NPC) and Probabilistic Neural Network. , 2012, , .		4
121	Medical image watermarking with tamper detection and recovery using reversible watermarking with LSB modification and run length encoding (RLE) compression. , 2012, , .		28
122	Fuzzy Hidden Markov Models for Indonesian Speech Classification. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2012, 16, 381-387.	0.5	11
123	THE RAMSEY NUMBER FOR A LINEAR FOREST VERSUS TWO IDENTICAL COPIES OF COMPLETE GRAPHS. Discrete Mathematics, Algorithms and Applications, 2010, 02, 437-444.	0.4	3
124	The Ramsey Number for a Linear Forest versus Two Identical Copies of Complete Graphs. Lecture Notes in Computer Science, 2010, , 209-215.	1.0	3
125	Copyright Protection in Audio File Using Watermarking Approach Based on Wavelet-SVD. Applied Mechanics and Materials, 0, 321-324, 1191-1195.	0.2	1