Zuherman Rustam

List of Publications by Year
in descending order

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Version: 2024-02-01

		687220	752573
75	573	13	20
papers	citations	h-index	g-index

78	78	78	266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NaÃ¯ve Bayes Classifier Models for Predicting the Colon Cancer. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052068.	0.3	57
2	Feature Selection using Random Forest Classifier for Predicting Prostate Cancer. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052031.	0.3	47
3	Comparing random forest and support vector machines for breast cancer classification. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 815.	0.6	31
4	Improvement in automated diagnosis of soft tissues tumors using machine learning. Big Data Mining and Analytics, 2021, 4, 33-46.	7.5	27
5	Kernel Spherical K-Means and Support Vector Machine for Acute Sinusitis Classification. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052011.	0.3	26
6	Osteoarthritis Disease Prediction Based on Random Forest. , 2018, , .		21
7	Analysis of Architecture Combining Convolutional Neural Network (CNN) and Kernel K-Means Clustering for Lung Cancer Diagnosis. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1200-1206.	0.2	20
8	Cancer classification using Fuzzy C-Means with feature selection. , 2016, , .		19
9	Cervical Cancer Risk Classification Based on Deep Convolutional Neural Network. , 2018, , .		19
10	Comparison of Cubic SVM with Gaussian SVM: Classification of Infarction for detecting Ischemic Stroke. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052016.	0.3	19
11	Comparison between Support Vector Machine and Fuzzy C-Means as Classifier for Intrusion Detection System. Journal of Physics: Conference Series, 2018, 1028, 012227.	0.3	17
12	Classification of Breast Cancer using Fast Fuzzy Clustering based on Kernel. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052067.	0.3	17
13	Pancreatic Cancer Early Detection Using Twin Support Vector Machine Based on Kernel. Symmetry, 2020, 12, 667.	1.1	17
14	Insolvency Prediction in Insurance Companies Using Support Vector Machines and Fuzzy Kernel C-Means. Journal of Physics: Conference Series, 2018, 1028, 012118.	0.3	16
15	Application of Support Vector Regression in Indonesian Stock Price Prediction with Feature Selection Using Particle Swarm Optimisation. Modelling and Simulation in Engineering, 2019, 2019, 1-5.	0.4	16
16	Hybrid Preprocessing Method for Support Vector Machine for Classification of Imbalanced Cerebral Infarction Datasets. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 685-691.	0.2	15
17	Support Vector Machines for Classifying Policyholders Satisfactorily in Automobile Insurance. Journal of Physics: Conference Series, 2018, 1028, 012005.	0.3	12
18	Random-Forest (RF) and Support Vector Machine (SVM) Implementation for Analysis of Gene Expression Data in Chronic Kidney Disease (CKD). IOP Conference Series: Materials Science and Engineering, 2019, 546, 052066.	0.3	12

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19	Fuzzy Kernel Robust Clustering for Anomaly based Intrusion Detection. , 2018, , .		11
20	Kernel Based Fuzzy C-Means Clustering for Chronic Sinusitis Classification. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052060.	0.3	10
21	Predicting Bank Financial Failures using Random Forest. , 2018, , .		9
22	Possibilistics C-Means (PCM) Algorithm for the Hepatocellular Carcinoma (HCC) Classification. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052038.	0.3	9
23	Learning Vector Quantization for Diabetes Data Classification with Chi-Square Feature Selection. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052059.	0.3	8
24	Soft Tissue Tumor Classification using Stochastic Support Vector Machine. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052089.	0.3	8
25	Linear Support Vector Machine and Logistic Regression for Cerebral Infarction Classification. , 2020, , .		8
26	Application Kernel Modified Fuzzy C-Means for gliomatosis cerebri. , 2016, , .		7
27	Forecasting the Amount of Pneumonia Patients in Jakarta with Weighted High Order Fuzzy Time Series. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052080.	0.3	7
28	Liver Cancer Classification Using Random Forest and Extreme Gradient Boosting (XGBoost) with Genetic Algorithm as Feature Selection. , 2021, , .		7
29	Comparison between Fuzzy Kernel C-Means and Sparse Learning Fuzzy C-Means for Breast Cancer Clustering. , 2018, , .		6
30	Cerebral infarction classification using multiple support vector machine with information gain feature selection. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1578-1584.	0.6	6
31	Ovarian Cancer Classification using Bayesian Logistic Regression. IOP Conference Series: Materials Science and Engineering, 2019, 546, 052049.	0.3	5
32	Pulmonary rontgen classification to detect pneumonia disease using convolutional neural networks. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 1522.	0.6	5
33	Logistic Regression and Logistic Regression-Genetic Algorithm for Classification of Liver Cancer Data. , 2021, , .		5
34	Prediction schizophrenia using random forest. Telkomnika (Telecommunication Computing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	0.6	4
35	Comparison Between Fuzzy Kernel C-Means, Fuzzy Kernel Possibilistic C-Means and Support Vector Machines in Soft Tissue Tumor Classification. Advances in Intelligent Systems and Computing, 2020, , 92-105.	0.5	4
36	Comparison of Naive Bayes and Support Vector Machine with Grey Wolf Optimization Feature Selection for Cervical Cancer Data Classification. , 2021, , .		4

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37	Hepatitis classification using support vector machines and random forest. IAES International Journal of Artificial Intelligence, 2021, 10, 446.	0.6	3
38	Indonesia Composite Index Prediction using Fuzzy Support Vector Regression with Fisher Score Feature Selection. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 121-128.	0.2	3
39	Comparison between Support Vector Machine and Random Forest for Hepatocellular Carcinoma (HCC) Classification. , 2020, , .		3
40	Comparison between Convolutional Neural Network and Convolutional Neural Network-Support Vector Machines as the classifier for Colon Cancer. , 2020, , .		3
41	Lung Cancer Classification using Support Vector Machine and Hybrid Particle Swarm Optimization-Genetic Algorithm. , 2021, , .		3
42	Recursive Particle Swarm Optimization (RPSO) schemed Support Vector Machine (SVM) Implementation for Microarray Data Analysis on Chronic Kidney Disease (CKD). IOP Conference Series: Materials Science and Engineering, 2019, 546, 052077.	0.3	2
43	Application of Fuzzy Kernel C-Means in face recognition to identify look-alike faces. Journal of Physics: Conference Series, 2019, 1218, 012045.	0.3	2
44	Pancreatic cancer classification using logistic regression and random forest. IAES International Journal of Artificial Intelligence, 2021, 10, 476.	0.6	2
45	The comparison study of kernel KC-means and support vector machines for classifying schizophrenia. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 1643.	0.6	2
46	Comparing Decision Tree and Logistic Regression for Pancreatic Cancer Classification. , 2020, , .		2
47	Hyperparameter Optimization on Support Vector Machine using Grid Search for Classifying Thalassemia Data. , 2020, , .		2
48	Clustering Arrhythmia Multiclass Using Fuzzy Robust Kernel C-Means (FRKCM). , 2018, , .		1
49	Comparison between fuzzy robust kernel c-means (FRKCM) and fuzzy entropy kernel c-means (FEKCM) classifier for intrusion detection system (IDS). IOP Conference Series: Materials Science and Engineering, 2019, 546, 052071.	0.3	1
50	Breast cancer clustering using modified spherical K-Means. Journal of Physics: Conference Series, 2020, 1490, 012028.	0.3	1
51	Linear discriminant analysis and support vector machines for classifying breast cancer. IAES International Journal of Artificial Intelligence, 2021, 10, 253.	0.6	1
52	Estimating probability of banking crises using random forest. IAES International Journal of Artificial Intelligence, 2021, 10, 407.	0.6	1
53	Lung cancer classification using fuzzy c-means and fuzzy kernel C-Means based on CT scan image. IAES International Journal of Artificial Intelligence, 2021, 10, 291.	0.6	1
54	Comparison Support Vector Machine and Fuzzy Possibilistic C-Means based on the kernel for Knee Osteoarthritis data Classification. International Journal on Advanced Science, Engineering and Information Technology, 2019, 9, 2142-2146.	0.2	1

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55	Twin Support Vector Machines for Thalassemia Classification. , 2021, , .		1
56	Combining Convolutional Neural Network and Long Short-Term Memory to Classify Sinusitis. , 2020, , .		1
57	Neural Network-Support Vector Machine for Sinusitis Classification. , 2020, , .		1
58	Cerebral Infarction Classification Using Genetic Algorithm Neural Network and Stochastic Neural Network. Advances in Intelligent Systems and Computing, 2022, , 506-515.	0.5	1
59	Feature Selection using Particle Swarm Optimization and Random Forest for Hepatocellular Carcinoma (HCC) Classification. , 2021, , .		1
60	Convolutional Neural Network â€“ Support Vector Machines for Age-Related Macular Degeneration Classification Based on Fundus Images. , 2021, , .		1
61	Fuzzy C-Means-Grey Wolf Optimization for Classification of Stroke. , 2021, , .		1
62	Application of kernel spherical k-means for intrusion detection systems. Journal of Physics: Conference Series, 2019, 1218, 012037.	0.3	0
63	Comparison between fuzzy kernel k-medoids using radial basis function kernel and polynomial kernel function in hepatitis classification. IAES International Journal of Artificial Intelligence, 2021, 10, 60.	0.6	0
64	Comparison some of kernel functions with support vector machines classifier for thalassemia dataset. IAES International Journal of Artificial Intelligence, 2021, 10, 430.	0.6	0
65	Support Vector Regression Implementation for Indonesian Private External Debt Analysis. European Journal of Electrical Engineering and Computer Science, 2019, 3, .	0.5	0
66	New feature selection based on kernel. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1569-1577.	0.6	0
67	Finding correlated biclusters from microarray data using the modified lift algorithm based on new residue score. International Journal of Data Mining and Bioinformatics, 2020, 24, 326.	0.1	0
68	Kernel-Based Fuzzy Clustering for Sinusitis Dataset. Lecture Notes in Networks and Systems, 2020, , 44-54.	0.5	0
69	Comparison of Modified Hierarchical Clustering Based on Density Peaks Using Kernel Function with Support Vector Machines in the Classification of Sinusitis. Advances in Intelligent Systems and Computing, 2020, , 194-201.	0.5	0
70	Performance Analysis of Deep Convolutional Features using Support Vector Machines for COVID-19 Diagnosis on X-ray Images. , 2021, , .		0
71	The Hybrid of Kernel K-Means and Fuzzy Kernel C-Means Clustering Algorithm in Diagnosing Thalassemia. Advances in Intelligent Systems and Computing, 2022, , 494-505.	0.5	0
72	One Dimensional Convolutional Neural Network for Classifying Sinusitis. Advances in Intelligent Systems and Computing, 2022, , 561-570.	0.5	0

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73	Comparison Between Convolutional Neural Network and Random Forest as Classifier for Cerebral Infarction. Advances in Intelligent Systems and Computing, 2022, , 930-939.	0.5	0
74	Implementation of Random Forests for the Classification of Chronic and Acute Sinusitis. Advances in Intelligent Systems and Computing, 2022, , 940-947.	0.5	0
75	An Analysis of Convolutional Neural Networkâ€"Random Forest for Liver Cancer CT Scan Images. , 2021, , .		0