Alhadi Bustamam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5940626/publications.pdf

Version: 2024-02-01

116	705	933447	752698
papers	citations	10 h-index	20 g-index

117	117	117	352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep learning with concatenate model to detect COVID-19 lung disease with CT scan images. AIP Conference Proceedings, 2022, , .	0.4	0
2	Deep Feature Vectors Concatenation for Eye Disease Detection Using Fundus Image. Electronics (Switzerland), 2022, 11, 23.	3.1	6
3	Performance of multivariate mutual information and autocorrelation encoding methods for the prediction of protein-protein interactions. IAES International Journal of Artificial Intelligence, 2022, 11, 773.	0.8	0
4	Triclustering method for finding biomarkers in human immunodeficiency virus-1 gene expression data. Mathematical Biosciences and Engineering, 2022, 19, 6743-6763.	1.9	1
5	Deep Learning in Image Classification using VGG-19 and Residual Networks for Cataract Detection. , 2022, , .		5
6	The Drug Design for Diabetes Mellitus type II using Rotation Forest Ensemble Classifier. Procedia Computer Science, 2021, 179, 161-168.	2.0	4
7	The distance function approach on the MiniBatchKMeans algorithm for the DPP-4 inhibitors on the discovery of type 2 diabetes drugs. Procedia Computer Science, 2021, 179, 127-134.	2.0	3
8	Deep Learning in Image Classification using Residual Network (ResNet) Variants for Detection of Colorectal Cancer. Procedia Computer Science, 2021, 179, 423-431.	2.0	169
9	Comparison of Dengue Predictive Models Developed Using Artificial Neural Network and Discriminant Analysis with Small Dataset. Applied Sciences (Switzerland), 2021, 11, 943.	2.5	12
10	Model QSAR Classification Using Conv1D-LSTM of Dipeptidyl Peptidase-4 Inhibitors. , 2021, , .		1
11	One-Dimensional Convolutional Neural Network Method as The Predicting Model for Interactions Between Drug and Protein on Heterogeneous Network. , 2021, , .		0
12	Comparison Accuracy of Multi-Layer Perceptron and DNN in QSAR Classification for Acetylcholinesterase Inhibitors. , 2021, , .		2
13	Artificial intelligence paradigm for ligand-based virtual screening on the drug discovery of type 2 diabetes mellitus. Journal of Big Data, 2021, 8, .	11.0	7
14	Measuring the accuracy of LSTM and BiLSTM models in the application of artificial intelligence by applying chatbot programme. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 23, 197.	0.8	6
15	Evaluation of Dengue Model Performances Developed Using Artificial Neural Network and Random Forest Classifiers. Procedia Computer Science, 2021, 179, 135-143.	2.0	9
16	Virtual screening of dipeptidyl peptidase-4 inhibitors using quantitative structureâ€“activity relationship-based artificial intelligence and molecular docking of hit compounds. Computational Biology and Chemistry, 2021, 95, 107597.	2.3	10
17	Comparative Analysis of Performance between Multimodal Implementation of Chatbot Based on News Classification Data Using Categories. Electronics (Switzerland), 2021, 10, 2696.	3.1	7
18	Diabetic Retinopathy Detection using Deep Convolutional Neural Network with Visualization of Guided Grad-CA. , 2021, , .		1

#	Article	IF	Citations
19	Deep Learning in Image Classification using Dense Networks and Residual Networks for Pathologic Myopia Detection. , 2021, , .		6
20	Retinal Disease for Clasification Multilabel with Applying Convolutional Neural Networks Based Support Vector Machine and DenseNet. , 2021, , .		1
21	An optimized convolutional neural network using diffgrad for cataract image classification. AIP Conference Proceedings, 2020, , .	0.4	5
22	Plasmodium classification on red blood cells image using multiclass support vector machines. Journal of Physics: Conference Series, 2020, 1567, 032020.	0.4	0
23	Kernel PCA and SVM-RFE based feature selection for classification of dengue microarray dataset. AIP Conference Proceedings, 2020, , .	0.4	3
24	Comparison of supervised models in hepatocellular carcinoma tumor classification based on expression data using principal component analysis (PCA). AIP Conference Proceedings, 2020, , .	0.4	2
25	The comparison of machine learning methods for prediction study of type 2 diabetes mellitusâ€™s drug design. AIP Conference Proceedings, 2020, , .	0.4	3
26	Cluster analysis in prediction of biological activity and molecular structure relationship of dipeptidyl peptidase-4 inhibitors for the type two diabetes mellitus treatment. AIP Conference Proceedings, 2020, , .	0.4	1
27	Classification of Diabetic Retinopathy using shallow learning approach. AIP Conference Proceedings, 2020, , .	0.4	1
28	Analysis of data mining for classification of Obstructive Sleep Apnea in chronic obstructive pulmonary disease patients. AIP Conference Proceedings, 2020, , .	0.4	0
29	Correlation between laboratory characteristics and clinical degree of dengue as an initial stage in a development of machine learning predictor program. AIP Conference Proceedings, 2020, , .	0.4	2
30	Predicting The Molecular Structure Relationship and The Biological Activity of DPP-4 Inhibitor Using Deep Neural Network with CatBoost Method as Feature Selection. , 2020, , .		5
31	Implementation of Bayesian Mixture Models in identifying subpopulation of breast cancer patients based on blood test measurements. Journal of Physics: Conference Series, 2020, 1494, 012012.	0.4	1
32	Application of BiMax, POLS, and LCM-MBC to Find Bicluster on Interactions Protein between HIV-1 and Human. Austrian Journal of Statistics, 2020, 49, 1-18.	0.6	4
33	Detecting Lesion Characteristics of Diabetic Retinopathy Using Machine Learning and Computer Vision. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1367-1373.	0.4	1
34	Comparison of random forest and support vector machine for prediction of cognitive impairment in Parkinson's disease. AIP Conference Proceedings, 2020, , .	0.4	2
35	Cataract classification based on fundus image using an optimized convolution neural network with lookahead optimizer. AIP Conference Proceedings, 2020, , .	0.4	14
36	Classification analysis using support vector machine, decision tree, and neural network with principal component analysis to determine molecular structure relationship from its biological activity on dipeptidyl peptidase IV inhibitors. AIP Conference Proceedings, 2020, , .	0.4	1

#	Article	IF	Citations
37	Fast Ellipse Fitting Implementation on USG Mobile Telehealth Application. , 2020, , .		0
38	Improved Classification of Coronavirus Disease (COVID-19) based on Combination of Texture Features using CT Scan and X-ray Images. , 2020, , .		19
39	Implementation of Stacking Ensemble Learning for Classification of COVID-19 using Image Dataset CT Scan and Lung X-Ray. , 2020, , .		10
40	Performance Evaluation XGBoost in Handling Missing Value on Classification of Hepatocellular Carcinoma Gene Expression Data. , 2020, , .		4
41	High Accuracy Conversational AI Chatbot Using Deep Recurrent Neural Networks Based on BiLSTM Model. , 2020, , .		7
42	Classification of Diabetic Retinopathy through Deep Feature Extraction and Classic Machine Learning Approach. , 2020, , .		8
43	The implementation of k-means partitioning algorithm in HOPACH clustering method. IOP Conference Series: Earth and Environmental Science, 2019, 243, 012073.	0.3	1
44	Selecting Features Subsets Based on Support Vector Machine-Recursive Features Elimination and One Dimensional-NaÃ¯ve Bayes Classifier using Support Vector Machines for Classification of Prostate and Breast Cancer. Procedia Computer Science, 2019, 157, 450-458.	2.0	10
45	Indonesian Protected Health Information Removal using Named Entity Recognition. , 2019, , .		2
46	Clustering protein-protein interaction data with spectral clustering and fuzzy random walk. Journal of Physics: Conference Series, 2019, 1211, 012027.	0.4	0
47	Survival function model estimation for parkinson disease using independent metropolis-hastings algorithm with uniform proposal distribution in bayesian inference. Journal of Physics: Conference Series, 2019, 1217, 012058.	0.4	1
48	Finding correlated bicluster from gene expression data of Alzheimer disease using FABIA biclustering method. AIP Conference Proceedings, 2019, , .	0.4	4
49	Differential gene co-expression network using BicMix. AIP Conference Proceedings, 2019, , .	0.4	1
50	Implementation of factor analysis for bicluster acquisition: Sparseness projection (FABIAS) on microarray of Alzheimerâ€™s gene expression data. AIP Conference Proceedings, 2019, , .	0.4	0
51	Biclustering protein interactions between HIV-1 proteins and humans proteins using LCM-MBC algorithm. AIP Conference Proceedings, 2019, , .	0.4	1
52	A biclustering procedure using BicBin algorithm for HIV-1 human protein interaction database in NCBI. AIP Conference Proceedings, 2019, , .	0.4	1
53	POLS algorithm to find a local bicluster on interactions between HIV-1 proteins and human proteins. AIP Conference Proceedings, 2019, , .	0.4	0
54	A study on missing values imputation using K-Harmonic means algorithm: Mixed datasets. AIP Conference Proceedings, 2019, , .	0.4	6

#	Article	IF	Citations
55	Ensemble learning versus deep learning for Hypoxia detection in CTG signal. , 2019, , .		3
56	An Ensemble Learning Approach on Indonesian Wind Speed Regression. , 2019, , .		1
57	A Comparative Performance Evaluation of Random Forest Feature Selection on Classification of Hepatocellular Carcinoma Gene Expression Data. , 2019, , .		7
58	Image Cryptography using Complex Quadratic Map. , 2019, , .		0
59	Ensemble Learning Approach on Indonesian Fake News Classification. , 2019, , .		17
60	Performance of rotation forest ensemble classifier and feature extractor in predicting protein interactions using amino acid sequences. BMC Genomics, 2019, 20, 950.	2.8	8
61	Texture and Gene Expression Analysis of the MRI Brain in Detection of Alzheimerâ€™s Disease. Journal of Artificial Intelligence and Soft Computing Research, 2018, 8, 111-120.	4.3	12
62	Result comparison between categorical and numerical predictor variables on CART method in predicting factors related to diabetic retinopathy in patients with type 2 diabetes mellitus. AIP Conference Proceedings, 2018, , .	0.4	0
63	Sequence-based prediction of protein-protein interactions using pseudo substitution matrix representation features and ensemble rotation forest classifier in HIV (human immunodeficiency) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	0
64	Analysis of protein-protein interaction network using Markov clustering with pigeon-inspired optimization algorithm in HIV (human immunodeficiency virus). AIP Conference Proceedings, 2018, , .	0.4	4
65	Applications of fruit fly optimization algorithm for analyzing protein-protein interaction through Markov clustering on HIV virus. AIP Conference Proceedings, 2018, , .	0.4	2
66	Clustering and analyzing microarray data of lymphoma using singular value decomposition (SVD) and hybrid clustering. AIP Conference Proceedings, 2018, , .	0.4	7
67	Implementation Ï‡â€“sim co-similarity and agglomerative hierarchical to cluster gene expression data of lymphoma by gene and condition. AIP Conference Proceedings, 2018, , .	0.4	4
68	Implementation of co-similarity measure on microarray data of lymphoma using K-means partition algorithm. AIP Conference Proceedings, 2018, , .	0.4	0
69	Sequence-based prediction of protein-protein interactions using ensemble based classifier combined with global encoding in HIV (human immunodeficiency virus). AIP Conference Proceedings, 2018, , .	0.4	1
70	Performance analysis of support vector machine combined with global encoding on detection of protein-protein interaction network of HIV virus. AIP Conference Proceedings, 2018, , .	0.4	1
71	Implementation of spectral clustering on microarray data of carcinoma using self organizing map (SOM). AIP Conference Proceedings, 2018, , .	0.4	2
72	A mathematical model for chemotherapy paradoxical reaction in Tuberculosis transmission. Journal of Physics: Conference Series, 2018, 1108, 012057.	0.4	2

#	Article	IF	Citations
73	A mathematical model of TB control with vaccination in an age-structured susceptible population. Journal of Physics: Conference Series, 2018, 1108, 012050.	0.4	6
74	Classification of Diabetic Retinopathy Stages using Histogram of Oriented Gradients and Shallow Learning. , 2018, , .		7
75	Collaboration and implementation of self organizing maps (SOM) partitioning algorithm in HOPACH clustering method. AIP Conference Proceedings, 2018, , .	0.4	1
76	Implementation of The Binary Inclusion-Maximal Biclustering Algorithm on Adenoma Microarray Gene Expression Data. , 2018, , .		0
77	Applications of Cuckoo search optimization algorithm for analyzing protein-protein interaction through Markov clustering on HIV. AIP Conference Proceedings, 2018, , .	0.4	3
78	Determination of FactorsA with Motor Complications Frequency in People with Early Parkinson's Disease: Bayesian Method for Zero-inflated Poisson Pegression. Journal of Physics: Conference Series, 2018, 1108, 012021.	0.4	0
79	Detecting the depression level of patient with type 2 diabetes mellitus based on diabetes complication, and the self-management behavior in Cipto Mangunkusumo hospital. AIP Conference Proceedings, 2018, , .	0.4	0
80	Risk factors for resistance tuberculosis. AIP Conference Proceedings, 2018, , .	0.4	0
81	3D-HOG Features â€“Based Classification using MRI Images to Early Diagnosis of Alzheimerâ€™s Disease. , 2018, , .		12
82	Understanding Dengue Control for Short- and Long-Term Intervention with a Mathematical Model Approach. Journal of Applied Mathematics, 2018, 2018, 1-13.	0.9	18
83	The Performance of a Molecular Dynamics Simulation for the Plasmodium falciparum Enoyl-acyl carrier-protein Reductase Enzyme using Amber and GTX 780 and 970 Double Graphical Processing Units. International Journal of Technology, 2018, 9, 150.	0.8	1
84	Application of hybrid clustering using parallel k-means algorithm and DIANA algorithm. AIP Conference Proceedings, 2017, , .	0.4	4
85	The implementation of hybrid clustering using fuzzy câ€“means and divisive algorithm for analyzing DNA human Papillomavirus cause of cervical cancer. AIP Conference Proceedings, 2017, , .	0.4	4
86	Implementation of parallel k-means algorithm for two-phase method biclustering in Carcinoma tumor gene expression data. AIP Conference Proceedings, 2017, , .	0.4	14
87	Implementation of hybrid clustering based on partitioning around medoids algorithm and divisive analysis on human Papillomavirus DNA. AIP Conference Proceedings, 2017, , .	0.4	1
88	Implementation of spectral clustering with partitioning around medoids (PAM) algorithm on microarray data of carcinoma. AIP Conference Proceedings, 2017, , .	0.4	2
89	Implementation of spectral clustering on microarray data of carcinoma using k-means algorithm. AIP Conference Proceedings, 2017, , .	0.4	1
90	Application of clustering methods: Regularized Markov clustering (R-MCL) for analyzing dengue virus similarity. AIP Conference Proceedings, 2017, , .	0.4	2

#	Article	IF	Citations
91	Implementation of hierarchical clustering using k-mer sparse matrix to analyze MERSâ€“CoV genetic relationship. AIP Conference Proceedings, 2017, , .	0.4	4
92	Application of Quaternion in improving the quality of global sequence alignment scores for an ambiguous sequence target in Streptococcus pneumoniae DNA. AIP Conference Proceedings, 2017, , .	0.4	0
93	Protein sequences clustering of herpes virus by using Tribe Markov clustering (Tribe-MCL). AIP Conference Proceedings, 2017, , .	0.4	1
94	Data preprocessing for determining outer/inner parallelization in the nested loop problem using OpenMP. AIP Conference Proceedings, 2017, , .	0.4	0
95	Clustering self-organizing maps (SOM) method for human papillomavirus (HPV) DNA as the main cause of cervical cancer disease. AIP Conference Proceedings, 2017, , .	0.4	3
96	Hypergraph partitioning implementation for parallelizing matrix-vector multiplication using CUDA GPU-based parallel computing. AIP Conference Proceedings, 2017, , .	0.4	0
97	Application of agglomerative clustering for analyzing phylogenetically on bacterium of saliva. AIP Conference Proceedings, 2017, , .	0.4	0
98	A complete modelling of Local Binary Pattern for detection of diabetic retinopathy. , 2017, , .		7
99	Fundus image texture features analysis in diabetic retinopathy diagnosis. , 2017, , .		3
100	Analysis of Indonesian educational system standard with KSIM cross-impact method. AIP Conference Proceedings, 2017, , .	0.4	0
101	Classification of diabetic retinopathy through texture features analysis. , 2017, , .		3
102	Non-negative matrix factorization in texture feature for classification of dementia with MRI data. AIP Conference Proceedings, 2017, , .	0.4	1
103	Application of k-means clustering algorithm in grouping the DNA sequences of hepatitis B virus (HBV). AIP Conference Proceedings, 2017, , .	0.4	15
104	Parallelization strategies for continuum-generalized method of moments on the multi-thread systems. AIP Conference Proceedings, 2017, , .	0.4	0
105	Implementation of plaid model biclustering method on microarray of carcinoma and adenoma tumor gene expression data. Journal of Physics: Conference Series, 2017, 893, 012046.	0.4	9
106	Short segment search method for phylogenetic analysis using nested sliding windows. Journal of Physics: Conference Series, 2017, 893, 012045.	0.4	0
107	Image processing based detection of lung cancer on CT scan images. Journal of Physics: Conference Series, 2017, 893, 012063.	0.4	31
108	Implementation of regularized Markov clustering algorithm on protein interaction networks of schizophrenia's risk factor candidate genes. , 2016, , .		9

#	Article	IF	Citations
109	Detection of Alzheimer's disease using advanced local binary pattern from hippocampus and whole brain of MR images. , 2016, , .		26
110	A comparative study for error approximation of some kernel functions in Smooth Support Vector Machines. , 2016, , .		0
111	Application of hierarchical clustering ordered partitioning and collapsing hybrid in Ebola Virus phylogenetic analysis. , 2015, , .		12
112	Clustering protein-protein interaction network of TP53 tumor suppressor protein using Markov clustering algorithm. , 2015, , .		13
113	Implementation of CUDA GPU-based parallel computing on Smith-Waterman algorithm to sequence database searches. , 2013, , .		3
114	Fast Parallel Markov Clustering in Bioinformatics Using Massively Parallel Computing on GPU with CUDA and ELLPACK-R Sparse Format. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 679-692.	3.0	40
115	Fast Parallel Markov Clustering in Bioinformatics Using Massively Parallel Graphics Processing Unit Computing. , 2010, , .		5
116	A GPU Implementation of Fast Parallel Markov Clustering in Bioinformatics Using EllPACK-R Sparse Data Format. , 2010, , .		3