Adi Wibowo

List of Publications by Year
in descending order

48 papers	390 citations	1163117 8 h-index	1058476 14 g-index
48 all docs	48 docs citations	48 times ranked	241 citing authors

#	Article	IF	Citations
1	Earthquake Early Warning System Using Ncheck and Hard-Shared Orthogonal Multitarget Regression on Deep Learning. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	12
2	MoFlus: An Open-Source Android Software for Fluorescence-Based Point of Care. , 2022, 1, 39-48.		0
3	Digital Image Segmentation of Chicks Flock Using Clustering Method on Fog Computing Network. , 2022, , .		2
4	Smart City Assessment for Sustainable City Development on Smart Governance: A Systematic Literature Review. , 2022, , .		2
5	Right ventricular strain and volume analyses through deep learning-based fully automatic segmentation based on radial long-axis reconstruction of short-axis cine magnetic resonance images. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 911-921.	2.0	1
6	Cardiac Disease Classification Using Two-Dimensional Thickness and Few-Shot Learning Based on Magnetic Resonance Imaging Image Segmentation. Journal of Imaging, 2022, 8, 194.	3.0	4
7	Lightweight encoder-decoder model for automatic skin lesion segmentation. Informatics in Medicine Unlocked, 2021, 25, 100640.	3.4	16
8	Sentiment Analysis Using Word2vec And Long Short-Term Memory (LSTM) For Indonesian Hotel Reviews. Procedia Computer Science, 2021, 179, 728-735.	2.0	62
9	Speech Emotion Recognition Using 2D-CNN with Data Augmentation. , 2021, , .		9
10	Multi-Target Regression Using Convolutional Neural Network-Random Forests (CNN-RF) For Early Earthquake Warning System. , 2021, , .		6
11	The Post-Covid-19 Pandemic Education Model Is Effective, Let's Compare: Online Versus Offline Learning. , 2021, , .		1
12	Prediction of Consumer Purchase Intention on Green Product. , 2021, , .		0
13	Comparison of Models Architecture on Chest X-Ray Image Classification With Transfer Learning Algorithms. , 2021, , .		0
14	EfficientNet Optimization on Heartbeats Sound Classification. , 2021, , .		2
15	Exploratory Data Analysis To Identify The Most Important Feature Of University Admission Test Criteria Using Random Forest And Neural Network Algorithm. , 2021, , .		0
16	Human Activity Prediction using Long Short Term Memory. E3S Web of Conferences, 2020, 202, 15008.	0.5	1
17	The best architecture selection with deep neural network (DNN) method for breast cancer classification using MicroRNA data. Journal of Physics: Conference Series, 2020, 1524, 012106.	0.4	1
18	Comparison of performance of k-nearest neighbor algorithm using smote and k-nearest neighbor algorithm without smote in diagnosis of diabetes disease in balanced data. Journal of Physics: Conference Series, 2020, 1524, 012048.	0.4	7

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19	Classification of liver cancer with microrna data using the deep neural network (DNN) method. Journal of Physics: Conference Series, 2020, 1524, 012129.	0.4	1
20	Android skin cancer detection and classification based on MobileNet v2 model. International Journal of Advances in Intelligent Informatics, 2020, 6, 135.	1.2	10
21	Information System for Evaluating Specific Interventions of Stunting Case Using K-means Clustering. E3S Web of Conferences, 2020, 202, 13003.	0.5	0
22	Development of Mobile Skin Cancer Detection using Faster R-CNN and MobileNet v2 Model. , 2020, , .		26
23	Clustering student behavior based on quiz activities on moodle LMS to discover the relation with a final exam score. Journal of Physics: Conference Series, 2019, 1217, 012118.	0.4	1
24	Optimization of neural network for cancer microRNA biomarkers classification. Journal of Physics: Conference Series, 2019, 1217, 012124.	0.4	14
25	Classification and identification the most important features of cervical cancer based on the expression of microRNA gene with the random forest (RF) algorithm. Journal of Physics: Conference Series, 2019, 1217, 012123.	0.4	0
26	Word2Vec for Indonesian Sentiment Analysis towards Hotel Reviews: An Evaluation Study. Procedia Computer Science, 2019, 157, 360-366.	2.0	31
27	Best Parameters Selection of Arrhythmia Classification Using Convolutional Neural Networks. , 2019, , .		1
28	Application of A Causal Discovery Model to Study The Effect of Iron Supplementation in Children with Iron Deficiency Anemia. , 2019, , .		2
29	Implementation of Alpha Miner Algorithm in Process Mining Application Development for Online Learning Activities Based on MOODLE Event Log Data. , 2019, , .		7
30	Genetic Algorithm-Based Feature Selection and Optimization of Backpropagation Neural Network Parameters for Classification of Breast Cancer Using MicroRNA Profiles. , 2019, , .		4
31	Selecting the Function of Color Space Conversion RGB / HSL to Wavelength for Fluorescence Intensity Measurement on Android Based Applications. , 2019, , .		2
32	Face Recognition Using Faster R-CNN with Inception-V2 Architecture for CCTV Camera. , 2019, , .		22
33	Support Vector Machine - Recursive Feature Elimination (SVM - RFE) for Selection of MicroRNA Expression Features of Breast Cancer. , 2018, , .		10
34	Automated Guided Vehicle Simulation Software Development using Parallel Cascade Fuzzy Method for Reaching a Target. , 2018, , .		3
35	MicroRNA Expression Profile Selection for Cancer Staging Classification Using Backpropagation. Journal of Physics: Conference Series, 2018, 1025, 012090.	0.4	2
36	Predicting house sale price using fuzzy logic, Artificial Neural Network and K-Nearest Neighbor. , 2017, , .		13

#	Article	IF	Citations
37	Comparison of diagnostics set and feature selection for breast cancer classification based on microRNA expression. , 2017, , .		2
38	SUPERVISED MACHINE LEARNING MODEL FOR MICRORNA EXPRESSION DATA IN CANCER. Jurnal Ilmu Komputer Dan Informasi, 2017, 10, 108.	0.3	9
39	Parallel rules based classifier using DNA strand displacement for multiple molecular markers detection. , 2016, , .		1
40	Automatic detection of embryo using Particle Swarm Optimization based Hough Transform. , 2013, , .		7
41	Autonomous quadcopter swarm robots for object localization and tracking. , 2013, , .		24
42	Modified Particle Swarm for multimodal functions in dynamic environment using iteration proportional change for inertia weight and weight of social components. , 2012, , .		0
43	Mobile phones as traffic sensors with map matching and privacy considerations. , 2012, , .		10
44	Optimized distributed self-organizing control for coordinated traffic signal in Jakarta. , 2011, , .		0
45	Enhanced adaptive traffic signal control system using camera sensor and embedded system. , 2011, , .		9
46	Adaptive traffic signal control system using camera sensor and embedded system. , 2011, , .		31
47	Autonomous telecommunication networks coverage area expansion in disaster area using mobile robots. , 2011, , .		8
48	SELF-ORGANIZING URBAN TRAFFIC CONTROL ARCHITECTURE WITH SWARM-SELF ORGANIZING MAP IN JAKARTA: SIGNAL CONTROL SYSTEM AND SIMULATOR. International Journal on Smart Sensing and Intelligent Systems, 2010, 3, 443-465.	0.7	14