Ari Wibisono

List of Publications by Year
in descending order

43 papers	213 citations	1937685 4 h-index	1474206 9 g-index
43 all docs	43 docs citations	43 times ranked	153 citing authors

#	Article	IF	Citations
1	Traffic big data prediction and visualization using Fast Incremental Model Trees-Drift Detection (FIMT-DD). Knowledge-Based Systems, 2016, 93, 33-46.	7.1	61
2	Background Subtraction Using Gaussian Mixture Model Enhanced by Hole Filling Algorithm (GMMHF). , 2013, , .		28
3	Automatic LIDAR building segmentation based on DGCNN and euclidean clustering. Journal of Big Data, 2020, 7, .	11.0	18
4	Perceptron rule improvement on FIMT-DD for large traffic data stream. , 2016, , .		11
5	Deep Learning and Classic Machine Learning Approach for Automatic Bone Age Assessment. , 2019, , .		10
6	Multi Region-Based Feature Connected Layer (RB-FCL) of deep learning models for bone age assessment. Journal of Big Data, 2020, 7, .	11.0	9
7	Semantic Segmentation on LiDAR Point Cloud in Urban Area using Deep Learning. , 2019, , .		8
8	Algal growth rate modeling and prediction optimization using incorporation of MLP and CPSO algorithm. , 2015, , .		7
9	A complete modelling of Local Binary Pattern for detection of diabetic retinopathy. , 2017, , .		7
10	Traditional food knowledge of Indonesia: a new high-quality food dataset and automatic recognition system. Journal of Big Data, 2020, 7, .	11.0	5
11	Time Performance Analysis of Multi-CPU and Multi-GPU in Big Data Clustering Computation. , 2018, , .		4
12	Average Restrain Divider of Evaluation Value (ARDEV) in data stream algorithm for big data prediction. Knowledge-Based Systems, 2019, 176, 29-39.	7.1	4
13	Fundamental diagram estimation using Virtual Detection Zone in smart phones' application and CCTV data. , 2014, , .		3
14	An adaptive selective background learning-hole filling algorithm to improve vehicle detection. , 2015, , .		3
15	Big sensor-generated data streaming using Kafka and Impala for data storage in Wireless Sensor Network for CO<inf>2</inf> monitoring. , 2016, , .		3
16	Sumatra Traditional Food Image Classification Using Classical Machine Learning. , 2019, , .		3
17	Semantic Segmentation of Lidar Point Cloud in Rural Area. , 2019, , .		3
18	Dataset of short-term prediction of CO2 concentration based on a wireless sensor network. Data in Brief, 2020, 31, 105924.	1.0	3

#	Article	IF	Citations
19	Adaptive range in FIMT-DD tree for large data streams. , 2016, , .		2
20	Bhattacharyya distance-based tracking: A vehicle counting application. , 2017, , .		2
21	Payment Type Classification on Urban Taxi Big Data using Deep Learning Neural Network. , 2018, , .		2
22	Tree stream mining algorithm with Chernoff-bound and standard deviation approach for big data stream. Journal of Big Data, 2019, 6, .	11.0	2
23	Comparative Analysis of Automated Bone Age Assessment Techniques. , 2019, , .		2
24	Adaptive Update in Deep Learning Algorithms for LiDAR Data Semantic Segmentation. , 2020, , .		2
25	Vehicle traffic monitoring using single camera and embedded systems. , 2016, , .		1
26	Sensor node for data sampling and correlation analysis of CO_2 concentration with air humidity, temperature, and light intensity. , 2016, , .		1
27	Hyperbolic tangent activation function on FIMT-DD algorithm analysis for airline big data. , 2017, , .		1
28	Preliminary research on continuous conditional random fields in predicting high-dimensional data. , 2017, , .		1
29	Browsing Behavior Analysis from Wi-Fi Logs Based on Community Detection: Case Study on Educational Institution. , 2018, , .		1
30	Segmentation-based Knowledge Extraction from Chest X-ray Images. , 2019, , .		1
31	3D Edge Convolution in Deep Neural Network Implementation for Land Cover Semantic Segmentation of Airborne LiDAR Data. , 2019, , .		1
32	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
33	Improvement of Big Data Stream Mining Technique for Automatic Bone Age Assessment. , 2019, , .		1
34	Distance variable improvement of time-series big data stream evaluation. Journal of Big Data, 2020, 7, .	11.0	1
35	A Low-Cost IoT Platform for Crowd Density Detection in Jakarta Commuter Line. , 2020, , .		1
36	Comparative study of lightweight secure multiroute communication system in low cost wireless sensor network for CO_2 monitoring. , 2016, , .		0

#	Article	IF	Citations
37	Distance-To-Mean Continuous Conditional Random Fields: Case Study in Traffic Congestion. Information (Switzerland), 2019, 10, 382.	2.9	0
38	The impact of feature selection methods on machine learning-based docking prediction of Indonesian medicinal plant compounds and HIV-1 protease. , 2019, , .		0
39	Analysis of Two Various Approaches for Attributes Classification Based on User-Submitted Photos. , 2019, , .		0
40	Automatic Counting Based On Scanned Election Form Using Feature Match and Convolutional Neural Network. , 2019, , .		0
41	Challenges of Infrastructure in Cloud Computing for Education Field: A Systemmatic Literature Review. , 2021, , .		0
42	Analysis of Large-Scale Diabetic Retinopathy Datasets Using Texture and Blood Vessel Features. Studies in Computational Intelligence, 2020, , 141-155.	0.9	0
43	Time-Series Big Data Stream Evaluation. , 2020, , .		0