Ari Wibisono

List of Publications by Year
in descending order

43 papers	213 citations	1937457 4 h-index	1474057 9 g-index
43 all docs	43 docs citations	43 times ranked	153 citing authors

#	Article	IF	Citations
1	Challenges of Infrastructure in Cloud Computing for Education Field: A Systemmatic Literature Review. , 2021, , .		0
2	Dataset of short-term prediction of CO2 concentration based on a wireless sensor network. Data in Brief, 2020, 31, 105924.	0.5	3
3	Multi Region-Based Feature Connected Layer (RB-FCL) of deep learning models for bone age assessment. Journal of Big Data, 2020, 7, .	6.9	9
4	Automatic LIDAR building segmentation based on DGCNN and euclidean clustering. Journal of Big Data, 2020, 7, .	6.9	18
5	Analysis of Large-Scale Diabetic Retinopathy Datasets Using Texture and Blood Vessel Features. Studies in Computational Intelligence, 2020, , 141-155.	0.7	0
6	Traditional food knowledge of Indonesia: a new high-quality food dataset and automatic recognition system. Journal of Big Data, 2020, 7, .	6.9	5
7	Adaptive Update in Deep Learning Algorithms for LiDAR Data Semantic Segmentation. , 2020, , .		2
8	Distance variable improvement of time-series big data stream evaluation. Journal of Big Data, 2020, 7, .	6.9	1
9	Time-Series Big Data Stream Evaluation. , 2020, , .		0
10	A Low-Cost IoT Platform for Crowd Density Detection in Jakarta Commuter Line. , 2020, , .		1
11	Tree stream mining algorithm with Chernoff-bound and standard deviation approach for big data stream. Journal of Big Data, 2019, 6, .	6.9	2
12	Average Restrain Divider of Evaluation Value (ARDEV) in data stream algorithm for big data prediction. Knowledge-Based Systems, 2019, 176, 29-39.	4.0	4
13	Distance-To-Mean Continuous Conditional Random Fields: Case Study in Traffic Congestion. Information (Switzerland), 2019, 10, 382.	1.7	0
14	Comparative Analysis of Automated Bone Age Assessment Techniques. , 2019, , .		2
15	The impact of feature selection methods on machine learning-based docking prediction of Indonesian medicinal plant compounds and HIV-1 protease. , 2019, , .		0
16	Sumatra Traditional Food Image Classification Using Classical Machine Learning. , 2019, , .		3
17	Analysis of Two Various Approaches for Attributes Classification Based on User-Submitted Photos. , 2019, , .		0
18	Automatic Counting Based On Scanned Election Form Using Feature Match and Convolutional Neural Network. , 2019, , .		0

#	Article	IF	Citations
19	Semantic Segmentation of Lidar Point Cloud in Rural Area. , 2019, , .		3
20	Semantic Segmentation on LiDAR Point Cloud in Urban Area using Deep Learning. , 2019, , .		8
21	Deep Learning and Classic Machine Learning Approach for Automatic Bone Age Assessment. , 2019, , .		10
22	Segmentation-based Knowledge Extraction from Chest X-ray Images. , 2019, , .		1
23	3D Edge Convolution in Deep Neural Network Implementation for Land Cover Semantic Segmentation of Airborne LiDAR Data. , 2019, , .		1
24	Improvement of Big Data Stream Mining Technique for Automatic Bone Age Assessment. , 2019, , .		1
25	Payment Type Classification on Urban Taxi Big Data using Deep Learning Neural Network. , 2018, , .		2
26	Time Performance Analysis of Multi-CPU and Multi-GPU in Big Data Clustering Computation. , 2018, , .		4
27	Browsing Behavior Analysis from Wi-Fi Logs Based on Community Detection: Case Study on Educational Institution. , 2018, , .		1
28	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.	0.4	1
29	A complete modelling of Local Binary Pattern for detection of diabetic retinopathy. , 2017, , .		7
30	Hyperbolic tangent activation function on FIMT-DD algorithm analysis for airline big data. , 2017, , .		1
31	Bhattacharyya distance-based tracking: A vehicle counting application. , 2017, , .		2
32	Preliminary research on continuous conditional random fields in predicting high-dimensional data. , 2017, , .		1
33	Perceptron rule improvement on FIMT-DD for large traffic data stream. , 2016, , .		11
34	Vehicle traffic monitoring using single camera and embedded systems. , 2016, , .		1
35	Big sensor-generated data streaming using Kafka and Impala for data storage in Wireless Sensor Network for CO_2 monitoring. , 2016, , .		3
36	Comparative study of lightweight secure multiroute communication system in low cost wireless sensor network for CO_2 monitoring. , 2016, , .		0

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37	Sensor node for data sampling and correlation analysis of CO_2 concentration with air humidity, temperature, and light intensity. , 2016, , .		1
38	Adaptive range in FIMT-DD tree for large data streams. , 2016, , .		2
39	Traffic big data prediction and visualization using Fast Incremental Model Trees-Drift Detection (FIMT-DD). Knowledge-Based Systems, 2016, 93, 33-46.	4.0	61
40	Algal growth rate modeling and prediction optimization using incorporation of MLP and CPSO algorithm. , 2015, , .		7
41	An adaptive selective background learning-hole filling algorithm to improve vehicle detection. , 2015, , .		3
42	Fundamental diagram estimation using Virtual Detection Zone in smart phones' application and CCTV data. , 2014, , .		3
43	Background Subtraction Using Gaussian Mixture Model Enhanced by Hole Filling Algorithm (GMMHF). , 2013, , .		28