Tjeng Wawan Cenggoro

List of Publications by Year
in descending order

46 papers	579 citations	623574 14 h-index	752573 20 g-index
46 all docs	46 docs citations	46 times ranked	230 citing authors

#	Article	IF	Citations
1	Lung nodule detection and classification from Thorax CT-scan using RetinaNet with transfer learning. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 567-577.	2.7	27
2	AI-Based Learning Style Prediction in Online Learning for Primary Education. IEEE Access, 2022, 10, 35725-35735.	2.6	15
3	Detecting Hemileia vastatrix using Vision AI as Supporting to Food Security for Smallholder Coffee Commodities. IOP Conference Series: Earth and Environmental Science, 2022, 998, 012044.	0.2	3
4	Deep Learning as a Vector Embedding Model for Customer Churn. Procedia Computer Science, 2021, 179, 624-631.	1.2	16
5	A Fast and Accurate Model of Thoracic Disease Detection by Integrating Attention Mechanism to a Lightweight Convolutional Neural Network. Procedia Computer Science, 2021, 179, 112-118.	1.2	6
6	A Convolutional Neural Network-based Ancient Sundanese Character Classifier with Data Augmentation. Procedia Computer Science, 2021, 179, 195-201.	1.2	17
7	Convolutional Neural Networks for Scops Owl Sound Classification. Procedia Computer Science, 2021, 179, 81-87.	1.2	32
8	Supervised conversion from Landsat-8 images to Sentinel-2 images with deep learning. European Journal of Remote Sensing, 2021, 54, 182-208.	1.7	4
9	RHC: A Dataset for In-Room and Out-Room Human Counting. Procedia Computer Science, 2021, 179, 33-39.	1.2	8
10	A Design of Polygenic Risk Model with Deep Learning for Colorectal Cancer in Multiethnic Indonesians. Procedia Computer Science, 2021, 179, 632-639.	1.2	5
11	Bioinformatics Pathway Analysis Pipeline for NGS Transcriptome Profile Data on Nasopharyngeal Carcinoma. IOP Conference Series: Earth and Environmental Science, 2021, 794, 012115.	0.2	1
12	A Design of Deep Learning Experimentation for Fruit Freshness Detection. IOP Conference Series: Earth and Environmental Science, 2021, 794, 012110.	0.2	11
13	The Impact of Large-Scale Social Restriction Phases on the Air Quality Index in Jakarta. Atmosphere, 2021, 12, 922.	1.0	8
14	A Model of Visual Intelligent System for Genus Identification of Fish in the Siluriformes Order. IOP Conference Series: Earth and Environmental Science, 2021, 794, 012114.	0.2	3
15	PapSmear Image Recording System for Artificial Intelligence Data Collection. IOP Conference Series: Earth and Environmental Science, 2021, 794, 012109.	0.2	1
16	Model of Learning Management System Based on Artificial Intelligence in Team-Based Learning Framework. , 2021, , .		8
17	SSMFN: a fused spatial and sequential deep learning model for methylation site prediction. PeerJ Computer Science, 2021, 7, e683.	2.7	7
18	Deep Learning for Oil Palm Fruit Ripeness Classification with DenseNet. , 2021, , .		11

#	Article	IF	Citations
19	Unsupervised News Topic Modelling with Doc2Vec and Spherical Clustering. Procedia Computer Science, 2021, 179, 40-46.	1.2	16
20	Aggregating Time Series and Tabular Data in Deep Learning Model for University Students' GPA Prediction. IEEE Access, 2021, 9, 87370-87377.	2.6	12
21	An Efficient System to Collect Data for AI Training on Multi-Category Object Counting Task. , 2021, , .		0
22	Lightweight Pedestrian Detection through Guided Filtering and Deep Learning. , 2021, , .		0
23	Systematic Literature Review: An Intelligent Pulmonary TB Detection from Chest X-Rays. , 2021, , .		5
24	Ten-Year Compilation of #SaveKPK Twitter Dataset. , 2020, , .		6
25	An Implementation of Convolutional Neural Network for Coffee Beans Quality Classification in a Mobile Information System. , 2020, , .		6
26	Incorporating the Knowledge Distillation to Improve the EfficientNet Transfer Learning Capability. , 2020, , .		1
27	AI-Based Ripeness Grading for Oil Palm Fresh Fruit Bunch in Smart Crane Grabber. IOP Conference Series: Earth and Environmental Science, 2020, 426, 012147.	0.2	24
28	Data annotation system for intelligent energy conservator in smart building. IOP Conference Series: Earth and Environmental Science, 2020, 426, 012008.	0.2	8
29	An Evaluation of Deep Neural Network Performance on Limited Protein Phosphorylation Site Prediction Data. Procedia Computer Science, 2019, 157, 25-30.	1.2	29
30	Features Importance in Classification Models for Colorectal Cancer Cases Phenotype in Indonesia. Procedia Computer Science, 2019, 157, 313-320.	1.2	19
31	Artificial Intelligence Model Implementation in Web-Based Application for Pineapple Object Counting. , 2019, , .		21
32	Analysis of Acoustic Features in Gender Identification Model for English and Bahasa Indonesia Telephone Speeches. Procedia Computer Science, 2019, 157, 199-204.	1.2	7
33	Feature Pyramid Networks for Crowd Counting. Procedia Computer Science, 2019, 157, 175-182.	1.2	18
34	Using transfer learning for smart building management system. Journal of Big Data, 2019, 6, .	6.9	30
35	Information System Design for Deep Learning Based Plant Counting Automation. , 2018, , .		14
36	Batik Parang Rusak Detection Using Geometric Invariant Moment. , 2018, , .		8

#	Article	IF	Citations
37	Deep Learning for Imbalance Data Classification using Class Expert Generative Adversarial Network. Procedia Computer Science, 2018, 135, 60-67.	1.2	37
38	An Improved Version of Texture-based Foreground Segmentation: Block-based Adaptive Segmenter. Procedia Computer Science, 2018, 135, 579-586.	1.2	20
39	Transfer Learning from Chest X-Ray Pre-trained Convolutional Neural Network for Learning Mammogram Data. Procedia Computer Science, 2018, 135, 400-407.	1.2	47
40	Utilizing Mobile-based Deep Learning Model for Managing Video in Knowledge Management System. International Journal of Interactive Mobile Technologies, 2018, 12, 62.	0.7	15
41	Fast Ant Colony Optimization for Clustering. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 78.	0.7	0
42	Classification of imbalanced land-use/land-cover data using variational semi-supervised learning. , 2017, , .		25
43	Dynamic bandwidth management based on traffic prediction using Deep Long Short Term Memory. , 2016, , .		5
44	Construction of Jakarta Land Use/Land Cover dataset using classification method. , 2016, , .		0
45	Recognition of a human behavior pattern in paper rock scissor game using backpropagation artificial neural network method. , 2014, , .		6
46	Crowdsourcing annotation system of object counting dataset for deep learning algorithm. IOP Conference Series: Earth and Environmental Science, 0, 195, 012063.	0.2	17