Alexander Agung Santoso Gunawan

List of Publications by Year
in descending order

54 papers	464 citations	840585 11 h-index	887953 17 g-index
58 all docs	58 docs citations	58 times ranked	301 citing authors

#	Article	IF	Citations
1	Machine Learning-based Approach on Dealing with Binary Classification Problem in Imbalanced Financial Data. , 2022, , .		3
2	Distribution Cost Optimization Using Pigeon Inspired Optimization Method with Reverse Learning Mechanism. Procedia Computer Science, 2021, 179, 920-929.	1.2	8
3	Forecasting Social Distancing impact on COVID-19 in Jakarta using SIRD Model. Procedia Computer Science, 2021, 179, 662-669.	1.2	11
4	Audio Influence on Game Atmosphere during Various Game Events. Procedia Computer Science, 2021, 179, 222-231.	1.2	4
5	Behavior Correlation between Games in First-Person Shooter Genre based on Personality Traits. Procedia Computer Science, 2021, 179, 185-194.	1.2	3
6	Using Video Games to Improve Capabilities in Decision Making and Cognitive Skill: A Literature Review. Procedia Computer Science, 2021, 179, 211-221.	1.2	26
7	A Systematic Literature Review: Learning with Visual by The Help of Augmented Reality Helps Students Learn Better. Procedia Computer Science, 2021, 179, 144-152.	1.2	24
8	A literature review: Feasibility Study of technology to improve shopping experience. Procedia Computer Science, 2021, 179, 468-479.	1.2	9
9	Fiscal decentralization analysis that affect economic performance using geographically weighted regression (GWR). Procedia Computer Science, 2021, 179, 399-406.	1.2	13
10	Development of Stock Market Price Application to Predict Purchase and Sales Decisions Using Proximal Policy Optimization Method. , 2021, , .		0
11	The Impact of E-Transport Platforms' Gojek and Grab UI/UX Design to User Preference in Indonesia. , 2021, , .		2
12	The Influence of UI UX Design to Number of Users Between â€˜Lineâ€™ and â€˜Whatsappâ€™. , 2021, , .		2
13	The Effect of UI/UX Design on User Satisfaction in Online Art Gallery. , 2021, , .		1
14	Factors that Affect Data Gathered Using Interviews for Requirements Gathering. , 2021, , .		0
15	Development of Portable Temperature and Air Quality Detector for Preventing Covid-19. , 2021, , .		0
16	Blockchain Technology behind Cryptocurrency and Bitcoin for Commercial Transactions. , 2021, , .		1
17	Utilization Big Data and GPS to Help E-TLE System in The Cities of Indonesia. , 2021, , .		0
18	Line Follower Smart Trolley System V2 using RFID. , 2021, , .		2

#	Article	IF	Citations
19	Dynamic swarm particle for fast motion vehicle tracking. ETRI Journal, 2020, 42, 54-66.	1.2	5
20	Inferring the level of visibility from hazy images. International Journal of Business Intelligence and Data Mining, 2020, 16, 177.	0.2	0
21	Automatic Music Generator Using Recurrent Neural Network. International Journal of Computational Intelligence Systems, 2020, 13, 645.	1.6	16
22	Semantic Image Segmentation for Building Detection in Urban Area with Aerial Photograph Image using U-Net Models. , 2020, , .		6
23	Music Recommender System Based on Genre using Convolutional Recurrent Neural Networks. Procedia Computer Science, 2019, 157, 99-109.	1.2	52
24	Detection of Vehicle Position and Speed using Camera Calibration and Image Projection Methods. Procedia Computer Science, 2019, 157, 255-265.	1.2	13
25	Development of Smart Trolley System Based on Android Smartphone Sensors. Procedia Computer Science, 2019, 157, 629-637.	1.2	11
26	GNSS-based navigation systems of autonomous drone for delivering items. Journal of Big Data, 2019, 6, .	6.9	38
27	A Review and Progress of Research on Autonomous Drone in Agriculture, Delivering Items and Geographical Information Systems (GIS). , 2019, , .		27
28	Android-Based Wireless Controller for Military Robot Using Bluetooth Technology. , 2019, , .		6
29	Anita: Intelligent Humanoid Robot with Self-Learning Capability Using Indonesian Language. , 2019, , .		5
30	Brainwave Classification of Visual Stimuli Based on Low Cost EEG Spectrogram Using DenseNet. Procedia Computer Science, 2018, 135, 128-139.	1.2	13
31	Development of Urine Hydration System Based on Urine Color and Support Vector Machine. Procedia Computer Science, 2018, 135, 481-489.	1.2	11
32	Indonesian Question Answering System for Solving Arithmetic Word Problems on Intelligent Humanoid Robot. Procedia Computer Science, 2018, 135, 719-726.	1.2	12
33	Fast Object Detection for Quadcopter Drone Using Deep Learning. , 2018, , .		38
34	Implementation of Blind Speech Separation for Intelligent Humanoid Robot using DUET Method. Procedia Computer Science, 2017, 116, 87-98.	1.2	3
35	Development of Affordable and Powerful Swarm Mobile Robot Based on Smartphone Android and IOIO board. Procedia Computer Science, 2017, 116, 342-350.	1.2	4
36	Fast and Optimal Visual Tracking based on Spectral Method. Procedia Computer Science, 2017, 116, 571-578.	1.2	1

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37	Android-based framework for business expedition third party with google API : Case study. , 2017, , .		0
38	Handling illumination variation in face recognition using multiscale retinex. , 2016, , .		4
39	Developing recommender systems for personalized email with big data. , 2016, , .		3
40	Spatial data mining for predicting of unobserved zinc pollutant using ordinary point Kriging. , 2016, , .		4
41	Multi-sperm tracking using Hungarian Kalman Filter on low frame rate video. , 2016, , .		11
42	Development of coffee maker service robot using speech and face recognition systems using POMDP. Proceedings of SPIE, 2016, , .	0.8	3
43	Fast brain control systems for electric wheelchair using support vector machine. Proceedings of SPIE, 2016, , .	0.8	4
44	Blind speech separation system for humanoid robot with FastICA for audio filtering and separation. , 2016, , .		2
45	Accurate visual tracking by combining Bayesian and evolutionary optimization framework. , 2016, , .		0
46	Human Sperm tracking using Particle Swarm Optimization combined with Smoothing Stochastic sampling on low frame rate video. , 2015, , .		5
47	Visual Tracking for Abrupt Motions of Human Sperm Using Smoothing Stochastic Approximate Monte Carlo. Procedia Computer Science, 2015, 59, 64-72.	1.2	8
48	Face Expression Detection on Kinect Using Active Appearance Model and Fuzzy Logic. Procedia Computer Science, 2015, 59, 268-274.	1.2	28
49	GEOMETRIC DEEP PARTICLE FILTER FOR MOTORCYCLE TRACKING: DEVELOPMENT OF INTELLIGENT TRAFFIC SYSTEM IN JAKARTA. International Journal on Smart Sensing and Intelligent Systems, 2015, 8, 429-463.	0.4	7
50	Development of Fractal Pattern Making Application using L-System for Enhanced Machine Controller. EPJ Web of Conferences, 2014, 68, 00032.	0.1	1
51	Tracking efficiency measurement of dynamic models on geometric particle filter using KLD-resampling. , 2014, , .		2
52	Improving the accuracy of real-time traffic data gathered by the Floating Car Data method. , 2014, , .		2
53	Simulation Model of Bus Rapid Transit. EPJ Web of Conferences, 2014, 68, 00021.	0.1	7
54	Pengembangan Program Aplikasi Enhanced Machine Control dengan Python untuk Metode Interpolasi Newton. ComTech, 2012, 3, 154.	0.5	1