

# Alexander Agung Santoso Gunawan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2920691/publications.pdf>

Version: 2024-02-01

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	Music Recommender System Based on Genre using Convolutional Recurrent Neural Networks. <i>Procedia Computer Science</i> , 2019, 157, 99-109.	1.2	52
2	Fast Object Detection for Quadcopter Drone Using Deep Learning. , 2018, , .		38
3	GNSS-based navigation systems of autonomous drone for delivering items. <i>Journal of Big Data</i> , 2019, 6, .	6.9	38
4	Face Expression Detection on Kinect Using Active Appearance Model and Fuzzy Logic. <i>Procedia Computer Science</i> , 2015, 59, 268-274.	1.2	28
5	A Review and Progress of Research on Autonomous Drone in Agriculture, Delivering Items and Geographical Information Systems (GIS). , 2019, , .		27
6	Using Video Games to Improve Capabilities in Decision Making and Cognitive Skill: A Literature Review. <i>Procedia Computer Science</i> , 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. <i>Procedia Computer Science</i> , 2021, 179, 144-152.	1.2	24
8	Automatic Music Generator Using Recurrent Neural Network. <i>International Journal of Computational Intelligence Systems</i> , 2020, 13, 645.	1.6	16
9	Brainwave Classification of Visual Stimuli Based on Low Cost EEG Spectrogram Using DenseNet. <i>Procedia Computer Science</i> , 2018, 135, 128-139.	1.2	13
10	Detection of Vehicle Position and Speed using Camera Calibration and Image Projection Methods. <i>Procedia Computer Science</i> , 2019, 157, 255-265.	1.2	13
11	Fiscal decentralization analysis that affect economic performance using geographically weighted regression (GWR). <i>Procedia Computer Science</i> , 2021, 179, 399-406.	1.2	13
12	Indonesian Question Answering System for Solving Arithmetic Word Problems on Intelligent Humanoid Robot. <i>Procedia Computer Science</i> , 2018, 135, 719-726.	1.2	12
13	Multi-sperm tracking using Hungarian Kalman Filter on low frame rate video. , 2016, , .		11
14	Development of Urine Hydration System Based on Urine Color and Support Vector Machine. <i>Procedia Computer Science</i> , 2018, 135, 481-489.	1.2	11
15	Development of Smart Trolley System Based on Android Smartphone Sensors. <i>Procedia Computer Science</i> , 2019, 157, 629-637.	1.2	11
16	Forecasting Social Distancing impact on COVID-19 in Jakarta using SIRD Model. <i>Procedia Computer Science</i> , 2021, 179, 662-669.	1.2	11
17	A literature review: Feasibility Study of technology to improve shopping experience. <i>Procedia Computer Science</i> , 2021, 179, 468-479.	1.2	9
18	Visual Tracking for Abrupt Motions of Human Sperm Using Smoothing Stochastic Approximate Monte Carlo. <i>Procedia Computer Science</i> , 2015, 59, 64-72.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Distribution Cost Optimization Using Pigeon Inspired Optimization Method with Reverse Learning Mechanism. <i>Procedia Computer Science</i> , 2021, 179, 920-929.	1.2	8
20	Simulation Model of Bus Rapid Transit. <i>EPJ Web of Conferences</i> , 2014, 68, 00021.	0.1	7
21	GEOMETRIC DEEP PARTICLE FILTER FOR MOTORCYCLE TRACKING: DEVELOPMENT OF INTELLIGENT TRAFFIC SYSTEM IN JAKARTA. <i>International Journal on Smart Sensing and Intelligent Systems</i> , 2015, 8, 429-463.	0.4	7
22	Android-Based Wireless Controller for Military Robot Using Bluetooth Technology. , 2019, , .		6
23	Semantic Image Segmentation for Building Detection in Urban Area with Aerial Photograph Image using U-Net Models. , 2020, , .		6
24	Human Sperm tracking using Particle Swarm Optimization combined with Smoothing Stochastic sampling on low frame rate video. , 2015, , .		5
25	Anita: Intelligent Humanoid Robot with Self-Learning Capability Using Indonesian Language. , 2019, , .		5
26	Dynamic swarm particle for fast motion vehicle tracking. <i>ETRI Journal</i> , 2020, 42, 54-66.	1.2	5
27	Handling illumination variation in face recognition using multiscale retinex. , 2016, , .		4
28	Spatial data mining for predicting of unobserved zinc pollutant using ordinary point Kriging. , 2016, , .		4
29	Fast brain control systems for electric wheelchair using support vector machine. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
30	Development of Affordable and Powerful Swarm Mobile Robot Based on Smartphone Android and IOIO board. <i>Procedia Computer Science</i> , 2017, 116, 342-350.	1.2	4
31	Audio Influence on Game Atmosphere during Various Game Events. <i>Procedia Computer Science</i> , 2021, 179, 222-231.	1.2	4
32	Developing recommender systems for personalized email with big data. , 2016, , .		3
33	Development of coffee maker service robot using speech and face recognition systems using POMDP. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
34	Implementation of Blind Speech Separation for Intelligent Humanoid Robot using DUET Method. <i>Procedia Computer Science</i> , 2017, 116, 87-98.	1.2	3
35	Behavior Correlation between Games in First-Person Shooter Genre based on Personality Traits. <i>Procedia Computer Science</i> , 2021, 179, 185-194.	1.2	3
36	Machine Learning-based Approach on Dealing with Binary Classification Problem in Imbalanced Financial Data. , 2022, , .		3

#	ARTICLE	IF	CITATIONS
37	Tracking efficiency measurement of dynamic models on geometric particle filter using KLD-resampling. , 2014, , .		2
38	Improving the accuracy of real-time traffic data gathered by the Floating Car Data method. , 2014, , .		2
39	Blind speech separation system for humanoid robot with FastICA for audio filtering and separation. , 2016, , .		2
40	The Impact of E-Transport Platforms' Gojek and Grab UI/UX Design to User Preference in Indonesia. , 2021, , .		2
41	The Influence of UI UX Design to Number of Users Between "Line"™ and "Whatsapp"™. , 2021, , .		2
42	Line Follower Smart Trolley System V2 using RFID. , 2021, , .		2
43	Development of Fractal Pattern Making Application using L-System for Enhanced Machine Controller. EPJ Web of Conferences, 2014, 68, 00032.	0.1	1
44	Fast and Optimal Visual Tracking based on Spectral Method. Procedia Computer Science, 2017, 116, 571-578.	1.2	1
45	Pengembangan Program Aplikasi Enhanced Machine Control dengan Python untuk Metode Interpolasi Newton. ComTech, 2012, 3, 154.	0.5	1
46	The Effect of UI/UX Design on User Satisfaction in Online Art Gallery. , 2021, , .		1
47	Blockchain Technology behind Cryptocurrency and Bitcoin for Commercial Transactions. , 2021, , .		1
48	Accurate visual tracking by combining Bayesian and evolutionary optimization framework. , 2016, , .		0
49	Android-based framework for business expedition third party with google API : Case study. , 2017, , .		0
50	Inferring the level of visibility from hazy images. International Journal of Business Intelligence and Data Mining, 2020, 16, 177.	0.2	0
51	Development of Stock Market Price Application to Predict Purchase and Sales Decisions Using Proximal Policy Optimization Method. , 2021, , .		0
52	Factors that Affect Data Gathered Using Interviews for Requirements Gathering. , 2021, , .		0
53	Development of Portable Temperature and Air Quality Detector for Preventing Covid-19. , 2021, , .		0
54	Utilization Big Data and GPS to Help E-TLE System in The Cities of Indonesia. , 2021, , .		0