

# Arief Syaichu Rohman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9939846/publications.pdf>

Version: 2024-02-01

22  
papers

81  
citations

2682572

2  
h-index

2917675

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g-index

22  
all docs

22  
docs citations

22  
times ranked

34  
citing authors

#	ARTICLE	IF	CITATIONS
1	Path Planning Algorithm Using the Hybridization of the Rapidly-Exploring Random Tree and Ant Colony Systems. IEEE Access, 2021, 9, 153599-153615.	4.2	12
2	Extending Multi-Object Detection Ability using Correlative Filter. , 2020, , .		1
3	A New Approach of EV Modeling and its Control Applications to Reduce Energy Consumption. IEEE Access, 2019, 7, 141209-141225.	4.2	12
4	Design of Ethanol Concentration Measurement System Using Specific Gravity Approach for Batch Distillation Column Automation. , 2019, , .		2
5	Object Distance Measurement System Using Monocular Camera on Vehicle. , 2019, , .		1
6	Sliding Mode Control Based Dynamic Positioning System under Some Actuator Faults. , 2019, , .		0
7	Design of MPC-based Motion Cueing for 4 DOF Simulator Platform. , 2019, , .		3
8	Line Detection Using Arranging Coordinate Point Method. , 2019, , .		2
9	A Study of a Three Phase Induction Motor Performances Controlled by Indirect Vector and Predictive Torque Control. , 2018, , .		5
10	Embedded position control of permanent magnet synchronous motor using sliding mode control. , 2018, , .		4
11	Integrated battery-electric vehicle model and its optimal speed control application. , 2017, , .		9
12	Speed control implementation of BLDC motor using sliding mode two-steps LMI design. , 2017, , .		4
13	Implementation of sliding mode control using modification of two-steps LMI approach for speed control of electric vehicle simulator. , 2017, , .		1
14	Implementation of Model Predictive Control (MPC) in electric vehicle testing simulator. , 2017, , .		3
15	Implementation of model predictive control using Algorithm-3 on Arduino Mega 2560 for speed control of BLDC motor. , 2017, , .		7
16	Modeling and Simulation of Mini Batch Distillation Column. , 2017, , .		3
17	Simple supercapacitor charging scheme in electrical car simulator by using direct current machines. , 2015, , .		1
18	Design and implementation of machine vision for board game in lumen social robot system. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	Modified weighting method in TF-IDF algorithm for extracting user topic based on email and social media in Integrated Digital Assistant. , 2013, , .		0
20	Model Predictive Control of hybrid fuel cell/battery/supercapacitor power sources. , 2012, , .		3
21	Design of Sliding Mode Control with observer based Linear Matrix Inequality for input saturation system. , 2012, , .		0
22	Sliding mode control design of linear continuous feedback systems: Two-steps LMI approach. , 2009, , .		6