

Rosmiwati Mohd-Mokhtar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

290
citations

1307594

7
h-index

1474206

9
g-index

21
all docs

21
docs citations

21
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Underwater glider modelling and analysis for net buoyancy, depth and pitch angle control. Ocean Engineering, 2011, 38, 1782-1791.	4.3	81
2	A Comprehensive Review of Coverage Path Planning in Robotics Using Classical and Heuristic Algorithms. IEEE Access, 2021, 9, 119310-119342.	4.2	69
3	Single-Phase Simplified Split-Source Inverter ($S^{3/l}$) for Boost DC-AC Power Conversion. IEEE Transactions on Industrial Electronics, 2019, 66, 7643-7652.	7.9	47
4	Ground validation of space-borne satellite rainfall products in Malaysia. Advances in Space Research, 2012, 50, 1241-1249.	2.6	34
5	Predictive control of plug-in electric vehicle chargers with photovoltaic integration. Journal of Modern Power Systems and Clean Energy, 2018, 6, 1264-1276.	5.4	17
6	Identification of step response estimates utilizing continuous time subspace approach. Journal of Process Control, 2013, 23, 254-270.	3.3	13
7	Evaluation of site diversity rain attenuation mitigation technique in South-East Asia. Acta Astronautica, 2014, 96, 303-312.	3.2	10
8	Fault estimation in discrete-time linear systems with mixed uncertainties using proportional integral observer. AEJ - Alexandria Engineering Journal, 2022, 61, 11325-11336.	6.4	4
9	Development of MATLAB GUI for multivariable frequency sampling filters model. , 2012, , .		3
10	Multi input multi output frequency sampling filters for real system applications. , 2011, , .		2
11	Position-based visual servoing through Cartesian path-planning for a grasping task. , 2012, , .		2
12	Explicit kinematic model of the Mitsubishi RV-M1 robot arm. , 2012, , .		2
13	Improved rain attenuation reduction factors for tropical region. , 2013, , .		2
14	Infinite and Finite Time-Frequency Interval Based Variants of Second-Order Balanced Truncation for Stable and Unstable Systems. IEEE Access, 2020, 8, 199133-199146.	4.2	2
15	Neural network for the detection of misplaced and missing regions in images. , 2017, , .		1
16	Contactless Tool for COVID-19 Surveillance System. , 2021, , .		1
17	Reusable and design independent memory controller scoreboard using memory data hazard checks. , 2014, , .		0
18	Eastern Peninsula Malaysia rainfall model identification using Balanced Stochastic Realization Algorithm. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Measurement and validation of disc spring arrangement on a single bolt joint for rotary power tool. , 2017, , .		0
20	Model Reduction Techniques for Unstable Second Orderâ€Form Systems. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 445-454.	1.4	0
21	Model Predictive Control of Single-Phase Simplified Split-Source Inverter. Lecture Notes in Electrical Engineering, 2022, , 216-221.	0.4	0