Rosli Omar

List of Publications by Year
in descending order

31 papers	**198** citations	1162889 **8** h-index	1125617 **13** g-index
34 all docs	**34** docs citations	**34** times ranked	**130** citing authors

#	Article	IF	Citations
1	Twin Delayed Deep Deterministic Policy Gradient-Based Target Tracking for Unmanned Aerial Vehicle With Achievement Rewarding and Multistage Training. IEEE Access, 2022, 10, 23545-23559.	2.6	10
2	Signal Processing Technique for Pulse Modulation (PM) Ground Penetrating Radar (GPR) System Based on Phase and Envelope Detector Technique. Lecture Notes in Electrical Engineering, 2021, , 659-669.	0.3	0
3	Different Cell Decomposition Path Planning Methods for Unmanned Air Vehicles-A Review. Lecture Notes in Electrical Engineering, 2021, , 99-111.	0.3	17
4	Multiband frequency reconfigurable substrate integrated waveguide antenna using copper strip for cognitive radio applicable to internet of things application. Telecommunication Systems, 2021, 76, 345-358.	1.6	7
5	Review on frequency reconfigurable antenna using substrate-integrated waveguide for cognitive radio application. Journal of Electromagnetic Waves and Applications, 2021, 35, 958-990.	1.0	11
6	Frequency based signal processing technique for pulse modulation ground penetrating radar system. International Journal of Electrical and Computer Engineering, 2021, 11, 4104.	0.5	0
7	Substrate integrated waveguide cavity backed frequency reconfigurable antenna for cognitive radio applies to internet of things applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22020.	0.8	16
8	Energy Efficient Elliptical Concave Visibility Graph Algorithm for Unmanned Aerial Vehicle in an Obstacle-rich Environment. , 2020, , .		6
9	Wideband millimeter-wave substrate integrated waveguide cavity-backed antenna for satellites communications. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1933-1940.	0.6	1
10	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. PLoS ONE, 2020, 15, e0241927.	1.1	11
11	Power System Distribution Reliability Enhancement of Pujon Feeder Malang-Indonesia Case Study using Bat and Cuckoo Search Algorithms. , 2020, , .		0
12	COMPUTATIONALLY EFFICIENT PATH PLANNING ALGORITHM FOR AUTONOMOUS VEHICLE. Jurnal Teknologi (Sciences and Engineering), 2020, 83, 133-143.	0.3	5
13	Flight cost calculation for unmanned air vehicle based on path length and heading angle change. International Journal of Power Electronics and Drive Systems, 2020, 11, 382.	0.5	2
14	A Nonlinear Model for Online Identifying a High-Speed Bidirectional DC Motor. Engineering Journal, 2020, 24, 245-258.	0.5	3
15	Automatic Guided Vehicle (AGV) Design Using an IoT-based RFID for Location Determination. , 2020, , .		1
16	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0
17	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0
18	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0

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19	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0
20	A Review on Energy Efficient Path Planning Algorithms for Unmanned Air Vehicles. Lecture Notes in Electrical Engineering, 2019, , 523-532.	0.3	29
21	Ultra-wideband (50 – 60 GHz) mm-Wave Substrate Integrated Waveguide (SIW) Antenna for 5G Applications. , 2019, , .		1
22	Wideband (22-30GHz) mm-Wave Substrate Integrated Waveguide (SIW) Antenna for 5G Applications. , 2019, , .		6
23	A review on graph search algorithms for optimal energy efficient path planning for an unmanned air vehicle. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 15, 743.	0.7	24
24	Frequency reconfigurable substrate integrated waveguide (SIW) cavity F-shaped slot antenna. Indonesian Journal of Electrical Engineering and Informatics, 2019, 7, .	0.3	5
25	Arm Robot Prototype with Analog Servo Using Arduino Controller and Visual Basic 6.0. Advanced Science Letters, 2018, 24, 9199-9202.	0.2	0
26	The Efficacy of State of the Art Overground Gait Rehabilitation Robotics: A Bird's Eye View. Procedia Computer Science, 2017, 105, 365-370.	1.2	20
27	Feasible Path Generation Using Bezier Curves for Car-Like Vehicle. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012133.	0.3	3
28	Kinematic evaluation of mobile robotic platforms for overground gait neurorehabilitation. AIP Conference Proceedings, 2017, , .	0.3	0
29	Optimal Path Planning using Equilateral Spaces Oriented Visibility Graph Method. International Journal of Electrical and Computer Engineering, 2017, 7, 3046.	0.5	14
30	Car-like robot path tracker with kinematic constraints. , 2016, , .		1
31	Flyable Path Generation for UAV using Clothoid Curve. , 2011, , .		0