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	A Review on Energy Efficient Path Planning Algorithms for Unmanned Air Vehicles. Lecture Notes in Electrical Engineering, 2019, , 523-532.	0.3	29
2	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
3	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
4	Different Cell Decomposition Path Planning Methods for Unmanned Air Vehicles-A Review. Lecture Notes in Electrical Engineering, 2021, , 99-111.	0.3	17
5	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
6	Optimal Path Planning using Equilateral Spaces Oriented Visibility Graph Method. International Journal of Electrical and Computer Engineering, 2017, 7, 3046.	0.5	14
7	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
8	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. PLoS ONE, 2020, 15, e0241927.	1.1	11
9	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
10	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
11	Wideband (22-30GHz) mm-Wave Substrate Integrated Waveguide (SIW) Antenna for 5G Applications. , 2019, , .		6
12	Energy Efficient Elliptical Concave Visibility Graph Algorithm for Unmanned Aerial Vehicle in an Obstacle-rich Environment. , 2020, , .		6
13	Frequency reconfigurable substrate integrated waveguide (SIW) cavity F-shaped slot antenna. Indonesian Journal of Electrical Engineering and Informatics, 2019, 7, .	0.3	5
14	COMPUTATIONALLY EFFICIENT PATH PLANNING ALGORITHM FOR AUTONOMOUS VEHICLE. Jurnal Teknologi (Sciences and Engineering), 2020, 83, 133-143.	0.3	5
15	Feasible Path Generation Using Bezier Curves for Car-Like Vehicle. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012133.	0.3	3
16	A Nonlinear Model for Online Identifying a High-Speed Bidirectional DC Motor. Engineering Journal, 2020, 24, 245-258.	0.5	3
17	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
18	Car-like robot path tracker with kinematic constraints. , 2016, , .		1

#	Article	IF	Citations
19	Ultra-wideband (50 â€" 60 GHz) mm-Wave Substrate Integrated Waveguide (SIW) Antenna for 5G Applications. , 2019, , .		1
20	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
21	Automatic Guided Vehicle (AGV) Design Using an IoT-based RFID for Location Determination. , 2020, , .		1
22	Kinematic evaluation of mobile robotic platforms for overground gait neurorehabilitation. AIP Conference Proceedings, 2017, , .	0.3	0
23	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
24	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
25	Flyable Path Generation for UAV using Clothoid Curve. , 2011, , .		0
26	Arm Robot Prototype with Analog Servo Using Arduino Controller and Visual Basic 6.0. Advanced Science Letters, 2018, 24, 9199-9202.	0.2	0
27	Power System Distribution Reliability Enhancement of Pujon Feeder Malang-Indonesia Case Study using Bat and Cuckoo Search Algorithms. , 2020, , .		0
28	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0
29	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0
30	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0
31	Photovoltaic modules evaluation and dry-season energy yield prediction model for NEM in Malaysia. , 2020, 15, e0241927.		0