

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	187 citations	6 h-index	12 g-index
41 ext. papers	235 ext. citations	1.3 avg, IF	2.94 L-index

#	Paper	IF	Citations
31	Robust control and optimisation of energy consumption in daylight-artificial light integrated schemes. <i>Lighting Research and Technology</i> , <b>2008</b> , 40, 7-24	2	44
30	Prospective techniques of effective daylight harvesting in commercial buildings by employing window glazing, dynamic shading devices and dimming control: a literature review. <i>Building Simulation</i> , <b>2008</b> , 1, 279	3.9	23
29	Integrated design and real-time implementation of an adaptive, predictive light controller. <i>Lighting Research and Technology</i> , <b>2012</b> , 44, 459-476	2	16
28	Comparative study of zigBee topologies for IoT-based lighting automation. <i>IET Wireless Sensor Systems</i> , <b>2019</b> , 9, 201-207	1.6	15
27	Design, dynamic modelling and control of tilt-rotor UAVs: a review. <i>International Journal of Intelligent Unmanned Systems</i> , <b>2019</b> , 8, 143-161	0.9	11
26	Simulation Study on Closed Loop Control Algorithm of Type 1 Diabetes Mellitus Patients. <i>IETE Journal of Research</i> , <b>2009</b> , 55, 230	0.9	9
25	Sustainable building design based on building information modeling (BIM) <b>2016</b> ,		6
24	IOT based Smart Traffic Light Control System <b>2018</b> ,		6
23	Modelling and Transition flight control of Vertical Take-Off and Landing unmanned Tri-Tilting Rotor Aerial Vehicle <b>2019</b> ,		5
22	Model based evaluation of exterior daylight illuminance distribution. <i>Building Simulation</i> , <b>2009</b> , 2, 85-94	3.9	5
21	Implementation of reliable H infinity observer-controller for TRMS with sensor and actuator failure <b>2015</b> ,		4
20	Climate model based test workbench for daylight-artificial light integration. <i>Lighting Research and Technology</i> , <b>2019</b> , 51, 774-787	2	4
19	Reliable H infinity observer-controller design for sensor and actuator failure in TRMS <b>2014</b> ,		4
18	Reliable robust PID controller design for TRMS <b>2017</b> ,		3
17	A study of communication protocols and wireless networking systems for lighting control application <b>2015</b> ,		3
16	A comparative study of different types of controllers used for blood glucose regulation system. <i>Canadian Journal of Chemical Engineering</i> , <b>2009</b> , 87, 812-817	2.3	3
15	Application of robust H-infinity controller in transition flight modeling of autonomous VTOL convertible Quad Tiltrotor UAV. <i>International Journal of Intelligent Unmanned Systems</i> , <b>2021</b> , 9, 204-235	0.9	3

14	Control and evaluation of room interior lighting using digital camera as the sensor. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 99	0.8	3
13	Real-time control of active ankle foot orthosis using LabVIEW and Compact-RIO <b>2012</b> ,		2
12	A Simulink model for an aircraft landing system using energy functions <b>2012</b> ,		2
11	Hybrid modeling and discrete controller design of three-tank benchmark system <b>2011</b> ,		2
10	Simulation Study on Type I Diabetic Patient. <i>IETE Journal of Research</i> , <b>2009</b> , 55, 287	0.9	2
9	Transition flight modeling and robust control of a VTOL unmanned quad tilt-rotor aerial vehicle. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , <b>2020</b> , 18, 1252	1.6	2
8	PERFORMANCE EVALUATION OF RELIABLE H INFINITY OBSERVER CONTROLLER WITH ROBUST PID CONTROLLER DESIGNED FOR TRMS WITH SENSOR, ACTUATOR FAILURE. <i>Far East Journal of Electronics and Communications</i> , <b>2016</b> , 16, 355-380	0	2
7	Disparity Maps Based Path Planning Algorithm for Autonomous Robot Navigation <b>2019</b> ,		1
6	Model identification of rotary inverted pendulum using artificial neural networks <b>2015</b> ,		1
5	An Adaptive predictive framework to online prediction of interior daylight illuminance <b>2014</b> ,		1
4	System Identification of Rotary Double Inverted Pendulum using Artificial Neural Networks <b>2015</b> ,		1
3	Fuzzy logic control for active ankle foot orthosis <b>2013</b> ,		1
2	Stability analysis of closed loop TRMS with observer based reliable H infinity controller using Kharitonov's stability theorem. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 106	0.8	1
1	Performance Analysis of a Tiltrotor UAV Flight Stability Using PID Controller. <i>Lecture Notes in Electrical Engineering</i> , <b>2020</b> , 241-251	0.2	