V I George

List of Publications by Year in Descending Order

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	Application of robust H-infinity controller in transition flight modeling of autonomous VTOL convertible Quad Tiltrotor UAV. *International Journal of Intelligent Unmanned Systems*, **2021**, 9, 204-235	0.9	3
30	Transition flight modeling and robust control of a VTOL unmanned quad tilt-rotor aerial vehicle. *Indonesian Journal of Electrical Engineering and Computer Science*, **2020**, 18, 1252	1.6	2
29	Performance Analysis of a Tiltrotor UAV Flight Stability Using PID Controller. *Lecture Notes in Electrical Engineering*, **2020**, 241-251	0.2	
28	Comparative study of zigBee topologies for IoT-based lighting automation. *IET Wireless Sensor Systems*, **2019**, 9, 201-207	1.6	15
27	Modelling and Transition flight control of Vertical Take-Off and Landing unmanned Tri-Tilting Rotor Aerial Vehicle **2019**,		5
26	Disparity Maps Based Path Planning Algorithm for Autonomous Robot Navigation **2019**,		1
25	Climate model based test workbench for daylight-artificial light integration. *Lighting Research and Technology*, **2019**, 51, 774-787	2	4
24	Design, dynamic modelling and control of tilt-rotor UAVs: a review. *International Journal of Intelligent Unmanned Systems*, **2019**, 8, 143-161	0.9	11
23	Control and evaluation of room interior lighting using digital camera as the sensor. *International Journal of Engineering and Technology(UAE)*, **2018**, 7, 99	0.8	3
22	IOT based Smart Traffic Light Control System **2018**,		6
21	Stability analysis of closed loop TRMS with observer based reliable H infinity controller using Kharitonov§ stability theorem. *International Journal of Engineering and Technology(UAE)*, **2018**, 7, 106	0.8	1
20	Reliable robust PID controller design for TRMS **2017**,		3
19	PERFORMANCE EVALUATION OF RELIABLE H INFINITY OBSERVER CONTROLLER WITH ROBUST PID CONTROLLER DESIGNED FOR TRMS WITH SENSOR, ACTUATOR FAILURE. *Far East Journal of Electronics and Communications*, **2016**, 16, 355-380	0	2
18	Sustainable building design based on building information modeling (BIM) **2016**,		6
17	Implementation of reliable H infinity observer-controller for TRMS with sensor and actuator failure **2015**,		4
16	Model identification of rotary inverted pendulum using artificial neural networks **2015**,		1
15	A study of communication protocols and wireless networking systems for lighting control application **2015**,		3

List of Publications

#	Publication	IF	Cit.
14	System Identification of Rotary Double Inverted Pendulum using Artificial Neural Networks **2015**,		1
13	An Adaptive predictive framework to online prediction of interior daylight illuminance **2014**,		1
12	Reliable H infinity observer-controller design for sensor and actuator failure in TRMS **2014**,		4
11	Fuzzy logic control for active ankle foot orthosis **2013**,		1
10	Integrated design and real-time implementation of an adaptive, predictive light controller. *Lighting Research and Technology*, **2012**, 44, 459-476	2	16
9	Real-time control of active ankle foot orthosis using LabVIEW and Compact-RIO **2012**,		2
8	A Simulink model for an aircraft landing system using energy functions **2012**,		2
7	Hybrid modeling and discrete controller design of three-tank benchmark system **2011**,		2
6	Simulation Study on Closed Loop Control Algorithm of Type 1 Diabetes Mellitus Patients. *IETE Journal of Research*, **2009**, 55, 230	0.9	9
5	Simulation Study on Type I Diabetic Patient. *IETE Journal of Research*, **2009**, 55, 287	0.9	2
4	A comparative study of different types of controllers used for blood glucose regulation system. *Canadian Journal of Chemical Engineering*, **2009**, 87, 812-817	2.3	3
3	Model based evaluation of exterior daylight illuminance distribution. *Building Simulation*, **2009**, 2, 85-94	3.9	5
2	Robust control and optimisation of energy consumption in daylight–artificial light integrated schemes. *Lighting Research and Technology*, **2008**, 40, 7-24	2	44
1	Prospective techniques of effective daylight harvesting in commercial buildings by employing window glazing, dynamic shading devices and dimming control–literature review. *Building Simulation*, **2008**, 1, 279	3.9	23