Mauricio Mauledoux

List of Publications by Year
in descending order

28 papers	**28** citations	**3** h-index
32 all docs	**32** docs citations	**32** times ranked

2257263

2272555

4 g-index

25 citing authors

#	Article	IF	Citations
1	Leading presence-based strategies to manipulate user experience in virtual reality environments. Virtual Reality, 2022, 26, 1507-1518.	4.1	5
2	Simulation of a microgrid for a non-interconnected zone that integrates renewable energies. International Journal of Electrical and Computer Engineering, 2021, 11, 201.	0.5	1
3	Design of Dynamic Controllers for Continuous Paths on Parallel Platforms (Slide Modes and PD+). MATEC Web of Conferences, 2020, 306, 03005.	0.1	1
4	Modeling and Simulation of a DC Micro-Grid with a Model Predictive Controller. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1091-1098.	0.2	1
5	Inverse, Direct Kinetics and Differential Kinematic Control of Parallel Robot with Six Degrees of Hexa Freedom â€" Hunt. , 2019, , .		3
6	Algorithm for Object Grasp Detection. Research Journal of Applied Sciences, 2019, 13, 162-175.	0.1	0
7	Comparative Study of Control Strategies for a Micro Grid DC System of Renewable Energy Sources. Journal of Engineering and Applied Sciences, 2019, 14, 2822-2829.	0.2	0
8	Modeling a Microgrid that Integrates Renewable Energies in IEC 61850 - 7 - 420 and IEC 61400 - 25 - 3. Journal of Engineering Science and Technology Review, 2018, 11, 174-179.	0.2	4
9	Sliding Modes for a Manipulator Arm of 4 Degrees of Freedom. International Journal of Online Engineering, 2017, 13, 114.	0.5	0
10	Genetic Algorithm Optimization for DC Micro Grid Design, a Case of Study. International Review of Electrical Engineering, 2017, 12, 318.	0.1	2
11	Analysis of Autoregressive Predictive Models and Artificial Neural Networks for Irradiance Estimation. Indian Journal of Science and Technology, 2016, 9, .	0.5	3
12	Design of Sliding Mode Based Differential Flatness Control of Leg-Wheel Hybrid Robot. Applied Mechanics and Materials, 2016, 835, 681-686.	0.2	1
13	Process Design for Autonomous Car Mining 1st Prototype â€œACM1PTâ€•to Help on Exploration Task on Outdoor Environments. Applied Mechanics and Materials, 2016, 823, 447-452.	0.2	0
14	Approach for Negotiation Problems in Multi-Agent Systems for DC Micro Grid Using Multi-Objective Evolutionary Algorithms. Applied Mechanics and Materials, 2015, 713-715, 2106-2109.	0.2	0
15	Autonomous Car for Mining 1Â° ProtoType â€œACM1PTâ€• Applied Mechanics and Materials, 2015, 713-715, 901-904.	0.2	0
16	Tool to Perform Software-in-the-Loop through Robot Operating System. Applied Mechanics and Materials, 2015, 713-715, 2391-2394.	0.2	0
17	Comparative Study of Various Models to Estimate Hourly Solar Irradiance: Application for Performance Analysis of a Renewable Energy DC-Micro Grid. Applied Mechanics and Materials, 2014, 700, 7-11.	0.2	0
18	Development of Software for Analyzing of Solar Irradiance and Sizing of Stand-Alone PV Power Systems. Applied Mechanics and Materials, 2014, 700, 16-19.	0.2	0

#	Article	IF	Citations
19	Design of a three-finger end effector for optimal grip. DYNA (Colombia), 2014, 81, 93.	0.2	1
20	Diseño y construcción de un generador ultrasónico para la evaluación de la erosión y corrosión por cavitación en recubrimientos duros. Ingenium: Revista De La Facultad De Ingeniería, 2013, 14, 41.	0.0	0
21	Multiobjective evolutionary algorithm MOEA to solve task allocation problems in multi agents systems. , 2010, , .		2
22	Multiobjective evolutionary algorithm MOEA an approach for solving MAS multiatribute allocation task. , 2010, , .		1
23	Multiobjective Evolutionary Algorithms MOEA to Solve Task Allocation Problems in Multiagent Systems for DC MicroGrid. Applied Mechanics and Materials, 0, 700, 24-27.	0.2	1
24	Design and Implementation of Mechatronic Prosthesis for Amputees with Trans-Humeral Amputation. Applied Mechanics and Materials, 0, 713-715, 781-784.	0.2	0
25	Grasping Optimization in a Three Fingers Final Effector. Applied Mechanics and Materials, 0, 713-715, 919-922.	0.2	0
26	Mechanical Design of a Self-Balancing Platform for Transporting Purposes. Applied Mechanics and Materials, 0, 713-715, 785-788.	0.2	0
27	Linear Control for Full Bridge Phase PWM Rectifier. Applied Mechanics and Materials, 0, 823, 453-458.	0.2	1
28	Adaptive Control for Solar Photovoltaic Tracking System. Applied Mechanics and Materials, 0, 823, 377-382.	0.2	0