

# Carlos A Macana

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

277  
citations

1937457

4  
h-index

1719901

7  
g-index

12  
all docs

12  
docs citations

12  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Residential Electricity Consumption from Public Demographic Data for Sustainable Cities. <i>Energies</i> , 2022, 15, 2163.	1.6	11
2	A Cost-Effective Disturbance Governance Framework for Low-Inertia Autonomous Microgrids. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 48, 101640.	1.7	1
3	Accurate proportional power sharing with minimum communication requirements for inverter-based islanded microgrids. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 121, 106036.	3.3	19
4	Experiments on a Real-Time Energy Management System for Islanded Prosumer Microgrids. <i>Electronics (Switzerland)</i> , 2019, 8, 925.	1.8	3
5	A Novel Compact dq-Reference Frame Model for Inverter-Based Microgrids. <i>Electronics (Switzerland)</i> , 2019, 8, 1326.	1.8	4
6	Cyber Physical Energy Systems Modules for Power Sharing Controllers in Inverter Based Microgrids. <i>Inventions</i> , 2018, 3, 66.	1.3	7
7	Optimal energy management system for strategic prosumer microgrids: An average bidding algorithm for prosumer aggregators. , 2017, , .		4
8	Adaptive synchronous reference frame virtual impedance controller for accurate power sharing in islanded ac-microgrids: A faster alternative to the conventional droop control. , 2017, , .		12
9	New trends of reactive power sharing control for islanded microgrids: A cyber-physical review. , 2016, , .		4
10	Dynamic Population Games for Optimal Dispatch on Hierarchical Microgrid Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2014, 44, 306-317.	5.9	125
11	Time-delay effect on load frequency control for microgrids. , 2013, , .		37
12	A survey on Cyber Physical Energy Systems and their applications on smart grids. , 2011, , .		50