

# Juan Ospina

## List of Publications by Year in descending order

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18  
papers

426  
citations

1163117

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h-index

1372567

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g-index

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19  
docs citations

19  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyber-Physical Energy Systems Security: Threat Modeling, Risk Assessment, Resources, Metrics, and Case Studies. IEEE Access, 2021, 9, 29775-29818.	4.2	121
2	Forecasting of PV plant output using hybrid wavelet-based LSTM-DNN structure model. IET Renewable Power Generation, 2019, 13, 1087-1095.	3.1	79
3	A Review of Current Research Trends in Power-Electronic Innovations in Cyber-Physical Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5146-5163.	5.4	48
4	Sampling-Based Model Predictive Control of PV-Integrated Energy Storage System Considering Power Generation Forecast and Real-Time Price. IEEE Power and Energy Technology Systems Journal, 2019, 6, 195-207.	2.8	37
5	Deep Reinforcement Learning for Cybersecurity Assessment of Wind Integrated Power Systems. IEEE Access, 2020, 8, 208378-208394.	4.2	32
6	On the Feasibility of Load-Changing Attacks in Power Systems During the COVID-19 Pandemic. IEEE Access, 2021, 9, 2545-2563.	4.2	28
7	Controller Hardware-in-the-Loop Validation of a Graph Search Based Energy Management Strategy for Grid-Connected Distributed Energy Resources. IEEE Transactions on Energy Conversion, 2020, 35, 520-528.	5.2	16
8	Fault Classification and Location Identification in a Smart Distribution Network Using ANN. , 2018, , .		15
9	Load-Altering Attacks Against Power Grids Under COVID-19 Low-Inertia Conditions. IEEE Open Access Journal of Power and Energy, 2022, 9, 226-240.	3.4	13
10	Fault classification and location identification in a smart DN using ANN and AMI with real-time data. Journal of Engineering, 2020, 2020, 19-28.	1.1	7
11	Controller Hardware-in-the-Loop Validation of Coordinated Voltage Control Scheme for Distribution Systems Containing Inverter-Based Distributed Generation. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 332-341.	3.9	6
12	Coordinated Voltage Control in Distribution Systems with Distributed Generations. , 2019, , .		5
13	Modeling Communication Networks in a Real-Time Simulation Environment for Evaluating Controls of Shipboard Power Systems. , 2020, , .		4
14	Cost Optimal Control of Microgrids Having Solar Power and Energy Storage. , 2018, , .		3
15	Evaluation of Communication Network Models for Shipboard Power Systems. , 2021, , .		3
16	Optimal Energy Management of Microgrids using Sampling-Based Model Predictive Control Considering PV Generation Forecast and Real-time Pricing. , 2019, , .		2
17	Special Session: Harness the Power of DERs for Secure Communications in Electric Energy Systems. , 2020, , .		2
18	Faster than real-time simulation. , 2021, , .		1