

# Jose Lozano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4049072/publications.pdf>

Version: 2024-02-01

23  
papers

209  
citations

1307366

7  
h-index

1058333

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital Pole Control for Speed and Torque Variation in an Axial Flux Motor with Permanent Magnets. Electronics (Switzerland), 2022, 11, 482.	1.8	0
2	A Two-Grid Interline Dynamic Voltage Restorer Based on Two Three-Phase Input Matrix Converters. Applied Sciences (Switzerland), 2021, 11, 561.	1.3	6
3	Pressure Retarded Osmosis Power Units Modelling for Power Flow Analysis of Electric Distribution Networks. Energies, 2021, 14, 6649.	1.6	0
4	Hybrid LQR-PI Control for Microgrids under Unbalanced Linear and Nonlinear Loads. Mathematics, 2020, 8, 1096.	1.1	9
5	Linearly Decoupled Control of a Dynamic Voltage Restorer without Energy Storage. Mathematics, 2020, 8, 1794.	1.1	6
6	Comparative analysis to determine the accuracy of fractional derivatives in modeling supercapacitors. International Journal of Circuit Theory and Applications, 2019, 47, 1603-1614.	1.3	13
7	Two-Feeder Dynamic Voltage Restorer for Application in Custom Power Parks. Energies, 2019, 12, 3248.	1.6	5
8	Matrix Converter Based on SVD Modulation Using a Microcontroller as Unique Controlling Device. IEEE Access, 2019, 7, 164815-164824.	2.6	4
9	Four-Step Current Commutation Strategy for a Matrix Converter Based on Enhanced-PWM MCU Peripherals. Electronics (Switzerland), 2019, 8, 547.	1.8	7
10	A Heuristic Home Electric Energy Management System Considering Renewable Energy Availability. Energies, 2019, 12, 671.	1.6	17
11	Optimal Dispatch Model for Demand Response Aggregators. Journal of Electrical Engineering and Technology, 2019, 14, 85-96.	1.2	9
12	Electrical circuits described by fractional conformable derivative. International Journal of Circuit Theory and Applications, 2018, 46, 1091-1100.	1.3	51
13	Economic analysis of the energy consumption of a vending machine in a Mexican university building. Electrical Engineering, 2018, 100, 1509-1515.	1.2	1
14	B-spline neural network for real and reactive power control of a wind turbine. Electrical Engineering, 2018, 100, 2799-2813.	1.2	6
15	A modified analysis of electrical energy consumption in University buildings. IEEE Latin America Transactions, 2017, 15, 408-414.	1.2	2
16	Directional Derivative-Based Transient Stability-Constrained Optimal Power Flow. IEEE Transactions on Power Systems, 2017, 32, 3415-3426.	4.6	21
17	Load-side DVR based on matrix converter for deep voltage sags compensation. , 2017, , .		2
18	Using Onion Diagram for the Reduction of Water and Energy in Cooling Systems. IEEE Latin America Transactions, 2016, 14, 1829-1834.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Analysis and Implementation of an 84-Pulse STATCOM. Power Systems, 2015, , 83-110.	0.3	2
20	Voltage compensator based on a direct matrix converter without energy storage. IET Power Electronics, 2015, 8, 321-332.	1.5	17
21	Real-time condition monitoring on VSD-fed induction motors through statistical analysis and synchronous speed observation. International Transactions on Electrical Energy Systems, 2015, 25, 1657-1672.	1.2	26
22	Generalized DC-DC multiplier converter topology. IEICE Electronics Express, 2012, 9, 1522-1527.	0.3	5
23	Improving Power Quality by an Electronic Compensator. , 2006, , .		0