

# Javier de la cruz soto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3975974/publications.pdf>

Version: 2024-02-01

15  
papers

125  
citations

1478505

6  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and in situ measurement of stress distribution in a polymer electrolyte membrane fuel cell stack. <i>Journal of Power Sources</i> , 2016, 329, 273-280.	7.8	28
2	Fault Estimation and Fault Tolerant Control Strategies Applied to VTOL Aerial Vehicles With Soft and Aggressive Actuator Faults. <i>IEEE Access</i> , 2020, 8, 10649-10661.	4.2	27
3	A techno-economic study for a hydrogen storage system in a microgrid located in Baja California, Mexico. Levelized cost of energy for power to gas to power scenarios. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 30050-30061.	7.1	22
4	Long-Term Estimation of Wind Power by Probabilistic Forecast Using Genetic Programming. <i>Energies</i> , 2020, 13, 1885.	3.1	13
5	Technical assessment of small-scale wind power for residential use in Mexico: A Bayesian intelligence approach. <i>PLoS ONE</i> , 2020, 15, e0230122.	2.5	9
6	Optimization and Recovery of a Pressure Swing Adsorption Process for the Purification and Production of Bioethanol. <i>Fermentation</i> , 2022, 8, 293.	3.0	8
7	Strategies for Improving Voltage Waveform of an Outer Rotor PMSG: No-Load Prototype Testing. <i>IEEE Latin America Transactions</i> , 2016, 14, 4547-4553.	1.6	5
8	Voltage THD Improvement for an Outer Rotor Permanent Magnet Synchronous Machine. <i>International Journal of Emerging Electric Power Systems</i> , 2013, 14, 459-465.	0.8	3
9	Light electric vehicle powertrain: Modeling, simulation, and experimentation for engineering students using PSIM. <i>Computer Applications in Engineering Education</i> , 2020, 28, 406-419.	3.4	3
10	Modification of Geometric Parameters in Outer Rotor Permanent Magnet Generators to Improve THD, Efficiency, and Cogging Torque. <i>International Journal of Emerging Electric Power Systems</i> , 2014, 15, 471-483.	0.8	2
11	Evaluating the Broad Range Performance of a Radial-Flux PMSG. <i>IEEE Latin America Transactions</i> , 2019, 17, 1909-1917.	1.6	2
12	Fuel Contract Acquisition for Economic Operation by the Supply Chain Method. <i>IEEE Latin America Transactions</i> , 2013, 11, 1201-1211.	1.6	1
13	An Update on the Electronic Connection Issues of Low Power SWTs in AC-Coupled Systems: A Review and Case Study. <i>Energies</i> , 2022, 15, 2082.	3.1	1
14	V2G study for electric grid reinforcement in a commercial feeder in Mexico City. , 2017, , .		0
15	Assessment of Small-Scale Wind Turbines to Meet High-Energy Demand in Mexico with Bayesian Decision Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 493-506.	1.3	0