

# Jose MartÃ-n Echeverria

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6924860/publications.pdf>

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12  
papers

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1040056

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docs citations

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#	ARTICLE	IF	CITATIONS
1	A Step-Up Bidirectional Series Resonant DC/DC Converter Using a Continuous Current Mode. IEEE Transactions on Power Electronics, 2015, 30, 1393-1402.	7.9	104
2	Analysis of the Results of Accelerated Aging Tests in Insulated Gate Bipolar Transistors. IEEE Transactions on Power Electronics, 2016, 31, 7953-7962.	7.9	63
3	Novel technique for bidirectional series-resonant DC/DC converter in discontinuous mode. IET Power Electronics, 2013, 6, 1019-1028.	2.1	31
4	Extending the Autonomy of a Battery for Electric Motorcycles. IEEE Transactions on Vehicular Technology, 2019, 68, 3294-3305.	6.3	23
5	Soft-switching forward DC-DC converter using a continuous current mode for electric vehicle applications. IET Power Electronics, 2015, 8, 1978-1986.	2.1	20
6	Frequency response analysis for bidirectional series-resonant DC/DC converter in discontinuous mode. IET Power Electronics, 2014, 7, 2374-2386.	2.1	14
7	30kW DC-DC Converters with Regenerative Mode for Electric Cars. Journal of Power Electronics, 2012, 12, 233-241.	1.5	14
8	High-Current Rectifier Topology Applied to a 4-kW Bidirectional DC-DC Converter. IEEE Transactions on Industry Applications, 2014, 50, 68-77.	4.9	11
9	State-Plane Analysis of Anomalous Step-Up Behavior in Series-Resonant Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 1026-1035.	5.4	9
10	Multimode step-up bidirectional series resonant DC/DC converter using continuous current mode. IET Power Electronics, 2016, 9, 710-718.	2.1	5
11	Novel Modular Device for a Decentralised Electric Power System Architecture for More Electric Aircraft. IEEE Access, 2022, 10, 19356-19364.	4.2	5
12	Input Voltage Feedforward Control Technique for DC/DC Converters to Avoid Instability in DC Grids. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 6099-6112.	5.4	2