

Javier Pereda

List of Publications by Year in descending order

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18
papers

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1040056

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all docs

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docs citations

18
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Frequency Link: A Solution for Using Only One DC Source in Asymmetric Cascaded Multilevel Inverters. IEEE Transactions on Industrial Electronics, 2011, 58, 3884-3892.	7.9	175
2	Asymmetrical Multilevel Inverter for Traction Drives Using Only One DC Supply. IEEE Transactions on Vehicular Technology, 2010, 59, 3736-3743.	6.3	140
3	Cascaded Multilevel Converters: Optimal Asymmetries and Floating Capacitor Control. IEEE Transactions on Industrial Electronics, 2013, 60, 4784-4793.	7.9	117
4	PWM Method to Eliminate Power Sources in a Nonredundant 27-Level Inverter for Machine Drive Applications. IEEE Transactions on Industrial Electronics, 2009, 56, 194-201.	7.9	94
5	23-Level Inverter for Electric Vehicles Using a Single Battery Pack and Series Active Filters. IEEE Transactions on Vehicular Technology, 2012, 61, 1043-1051.	6.3	74
6	Three-Port Full-Bridge Bidirectional Converter for Hybrid DC/DC/AC Systems. IEEE Transactions on Power Electronics, 2020, 35, 13077-13084.	7.9	51
7	Solid State Transformers: Concepts, Classification, and Control. Energies, 2020, 13, 2319.	3.1	45
8	A Design Methodology of Multiresonant Controllers for High Performance 400 Hz Ground Power Units. IEEE Transactions on Industrial Electronics, 2019, 66, 6549-6559.	7.9	16
9	An Overview of Four-Leg Converters: Topologies, Modulations, Control and Applications. IEEE Access, 2022, 10, 61277-61325.	4.2	11
10	Consensus-Based Distributed Control of a Multilevel Battery Energy Storage System. , 2020, , .		3
11	Sequential Phase-Shifted Model Predictive Control for a Multilevel Converter with Integrated Battery Energy Storage. , 2020, , .		3
12	A Novel Three-Port NPC Converter for Grid-Tied Photovoltaic Systems with Integrated Battery Energy Storage. , 2020, , .		2
13	New dual H-bridge converter for continuous space vector modulation. IET Power Electronics, 2019, 12, 1114-1120.	2.1	1
14	Capacitor Balance Control of a Modular Multilevel Converter Based on Parallel Connected Branches for a MVAC/LVDC Solid State Transformer. , 2021, , .		1
15	Cascaded converters for EVs with single power source and increased power quality. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 32, 182-191.	0.9	0
16	Novel continuous space vector modulation in cascaded multilevel converters. , 2014, , .		0
17	A decoupled Nearest Level Control for a Modular Multilevel Cascade Converter based on Triple Star Bridge Cells (MMCC-TSBC). , 2021, , .		0
18	A Modular Solid State Transformer for Future Hybrid Distribution Networks. , 2021, , .		0