

Felipe Bovolini Grigoletto

List of Publications by Year in descending order

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papers

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34
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Five-Level Transformerless Inverter for Single-Phase Solar Photovoltaic Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3411-3422.	5.4	134
2	Generalised pulse width modulation approach for DC capacitor voltage balancing in diode-clamped multilevel converters. IET Power Electronics, 2011, 4, 89.	2.1	47
3	Multilevel Common-Ground Transformerless Inverter for Photovoltaic Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 831-842.	5.4	39
4	Finite set model predictive control of grid connected split-source inverters. , 2017, , .		20
5	A space vector PWM modulation scheme for back-to-back three-level diode-clamped converters. , 2009, , .		17
6	Flexible Arrangement of Static Converters for Grid-Connected Wind Energy Conversion Systems. IEEE Transactions on Industrial Electronics, 2014, 61, 4707-4721.	7.9	16
7	Finite Set Model Predictive Control of Four-Leg Split-Source Inverters. , 2018, , .		12
8	Modulated Model Predictive Control for Three-Phase Packed-U-Cells Multilevel Converter. , 2019, , .		11
9	A hybrid modulation strategy for voltage fed converters with multiple parallel legs. , 2011, , .		9
10	Modulation and circulating current control of parallel connected back-to-back converters for WECS. , 2011, , .		9
11	Space Vector Modulation for Packed-U-Cell Converters (PUC). , 2018, , .		8
12	Space vector modulation for a single-phase converter with parallel legs using virtual vectors concept. , 2013, , .		7
13	Space vector pulse width modulation for Modular Multilevel Converters. , 2016, , .		7
14	Space Vector Modulation for Three-Phase Multilevel Switched-Capacitor Inverter. IEEE Latin America Transactions, 2021, 19, 575-583.	1.6	7
15	Power quality improvement in a grid connected voltage source inverter using the concept of virtual synchronous machine. , 2015, , .		5
16	Step-Up Seven-Level Common-Ground Transformerless Inverter. , 2021, , .		5
17	Discontinuous Space Vector Modulation for Three-Phase Five-Levels Packed-U-Cell Converter. IEEE Transactions on Power Electronics, 2021, 36, 14353-14365.	7.9	5
18	Virtual space vector modulation strategy for commonâ€mode voltage reduction in threeâ€phase threeâ€level flyingâ€capacitor splitâ€source inverters. IET Power Electronics, 2020, 13, 4368-4376.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Control of three-phase four-wire SSI DSTATCOM integrated to PV generation system. , 2019, , .		3
20	Control of Split-Source Cascaded Multilevel Inverter (SS-CMI) for Single-Phase Grid-Connected Photovoltaic Systems. , 2019, , .		3
21	Nova modulaÃ§Ã£o vetorial para o controle da tensÃ£o do ponto central do divisor capacitivo do conversor com ponto neutro grampeado. Controle and Automacao, 2009, 20, 439-453.	0.2	3
22	Proportional-Resonant Controller Applied to DSTATCOM in a Hybrid Hydro-PV Generation System. , 0, , .		3
23	Space Vector Modulation Techniques for Common-Mode Voltage Reduction in Three-Phase Transformerless Split-Source Inverters. EletrÃ´nica De PotÃªncia, 2020, 25, 30-40.	0.1	3
24	Modeling and Control of Hydro-PV Hybrid Power System with Three-Phase Three-Leg Split-Source Inverter. Journal of Control, Automation and Electrical Systems, 2022, 33, 1563-1575.	2.0	3
25	Modulation Strategy for Leakage Current Reduction in Three-Phase Transformerless Split-Source Inverters for Photovoltaic Applications. , 2019, , .		2
26	Modulation Technique for Common-Mode Voltage Reduction and Third-Order Component Elimination for Three-Level T-Type Inverter. , 2021, , .		2
27	Projeto e implementaÃ§Ã£o de um controlador de corrente robusto para inversores com filtro LCL conectados Ã rede com incertezas paramÃ©tricas. Controle and Automacao, 2009, 20, 94-104.	0.2	1
28	PD modulation strategy for modular multilevel converters. , 2016, , .		1
29	A Model Predictive Control Applied To Single-Phase Packed-U-Cells Converter. , 2019, , .		1
30	Fuzzy Sensorless MPPT Strategy for Small Wind Turbines. , 2019, , .		1
31	Optimal 3D Space Vector Modulation for Packed-U-Cells Converter. , 2019, , .		1
32	Flexible arrangement of static converters for grid connected wind energy conversion systems. , 2013, , .		0
33	Analysis and Modulation of Nine-Switch Split Source Inverter (9S-SSI). EletrÃ´nica De PotÃªncia, 2020, 25, 452-463.	0.1	0
34	Synchronous Generator Static Excitation Control Using Two-Switch Forward Converter. , 2021, , .		0