

Thiago Tricarico

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Modeling, Control, and Experimental Verification of a DFIG With a Series-Grid-Side Converter With Voltage Sag, Unbalance, and Distortion Compensation Capabilities. IEEE Transactions on Industry Applications, 2020, 56, 584-600.	3.3	34
2	Robust Model Predictive Rotor Current Control of a DFIG Connected to a Distorted and Unbalanced Grid Driven by a Direct Matrix Converter. IEEE Transactions on Sustainable Energy, 2019, 10, 1380-1392.	5.9	31
3	Direct Matrix Converter Topologies with Model Predictive Current Control Applied as Power Interfaces in AC, DC, and Hybrid Microgrids in Islanded and Grid-Connected Modes. Energies, 2019, 12, 3302.	1.6	13
4	Control Design, Stability Analysis and Experimental Validation of New Application of an Interleaved Converter Operating as a Power Interface in Hybrid Microgrids. Energies, 2019, 12, 437.	1.6	13
5	New hybrid microgrid topology using a bidirectional interleaved converter as a robust power interface operating in grid-connected and islanded modes. IET Renewable Power Generation, 2020, 14, 134-144.	1.7	11
6	An Enhanced Shunt Active Filter Based on Synchronverter Concept. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 494-505.	3.7	10
7	A novel stator voltage distortion and unbalance compensation of a DFIG with series grid side converter using adaptive resonant controllers. , 2017, , .		8
8	Implementation of a wind turbine emulator test bench using a squirrel cage induction machine. , 2017, , .		3
9	Stator harmonic current compensation of a DFIG connected to a grid with voltage distortion. , 2017, , .		1