Ivan GrgiÄ

List of Publications by Year
in descending order

12 papers	67 citations	1684188 5 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	37 citing authors

#	Article	IF	Citations
1	Photovoltaic System with a Battery-Assisted Quasi-Z-Source Inverter: Improved Control System Design Based on a Novel Small-Signal Model. Energies, 2022, 15, 850.	3.1	5
2	Sensorless Maximum Power Control of a Stand-Alone Squirrel-Cage Induction Generator Driven by a Variable-Speed Wind Turbine. Journal of Electrical Engineering and Technology, 2021, 16, 333-347.	2.0	5
3	Experimental Investigation of a Standalone Wind Energy System with a Battery-Assisted Quasi-Z-Source Inverter. Energies, 2021, 14, 1665.	3.1	4
4	Efficiency Boost of a Quasi-Z-Source Inverter: A Novel Shoot-Through Injection Method with Dead-Time. Energies, 2021, 14, 4216.	3.1	7
5	Speed-Sensorless Vector Control of an Induction Generator Including Stray Load and Iron Losses and Online Parameter Tuning. IEEE Transactions on Energy Conversion, 2020, 35, 724-732.	5.2	13
6	Calculation of Semiconductor Power Losses of a Three-Phase Quasi-Z-Source Inverter. Electronics (Switzerland), 2020, 9, 1642.	3.1	8
7	Optimized Isolated Operation of a WECS- Powered Microgrid with a Battery-Assisted qZSI. , 2020, , .		3
8	Hedge-Algebra-Based Phase-Locked Loop for Distorted Utility Conditions. Journal of Control Science and Engineering, 2019, 2019, 1-17.	1.0	9
9	Compensation of Stray Load and Iron Losses in Small Vector-Controlled Induction Generators. IEEE Transactions on Energy Conversion, 2019, 34, 1677-1685.	5.2	9
10	Impact of Stray Load and Iron Losses on Vector Control of Small Induction Generators. , 2019, , .		0
11	Fixed-Duty-Cycle Control of a Quasi-Z-Source Inverter in a Battery-Assisted Photovoltaic System. , 2019, , .		3
12	Detuning Induced by Stray Load and Iron Losses in Small Vector-Controlled Induction Motors. , 2018, , .		1