

Emanuel Serban

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

254
citations

1684188

5
h-index

1872680

6
g-index

12
all docs

12
docs citations

12
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	DC-Bus Voltage Range Extension in 1500 V Photovoltaic Inverters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 901-917.	5.4	102
2	Improved PV Inverter Operating Range Using a Miniboost. IEEE Transactions on Power Electronics, 2017, 32, 8470-8485.	7.9	51
3	Modulation Effects on Power-Loss and Leakage Current in Three-Phase Solar Inverters. IEEE Transactions on Energy Conversion, 2019, 34, 339-350.	5.2	30
4	Islanding Detection Search Sequence for Distributed Power Generators Under AC Grid Faults. IEEE Transactions on Power Electronics, 2015, 30, 3106-3121.	7.9	25
5	High-Performance Isolated Gate-Driver Power Supply With Integrated Planar Transformer. IEEE Transactions on Power Electronics, 2021, 36, 11409-11420.	7.9	14
6	Power management control strategy in photovoltaic and energy storage for off-grid power systems. , 2016, , .		9
7	High Performance Gate-Driver Power Supply for Multilevel-based 1500 V Converters. , 2020, , .		9
8	Voltage and Power Balancing in Solar and Energy Storage Converters. , 2019, , .		5
9	DC Voltage Control Architecture in Renewable Energy Based Three-Level Converters. , 2019, , .		4
10	Bidirectional Parallel Low-Voltage Series High-Voltage DAB-based Converter Analysis and Design. , 2022, , .		3
11	DC/DC Stage Contribution to Bus Voltage in 1000- and 1500-V Grid-Connected Solar Inverters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 6252-6265.	5.4	2
12	Flexible AC Phase Configurable NPC-based Converter Topology. , 2021, , .		0