

Mark J Scott

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

290
citations

1937685

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h-index

2272923

4
g-index

13
all docs

13
docs citations

13
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Merits of gallium nitride based power conversion. Semiconductor Science and Technology, 2013, 28, 074013.	2.0	57
2	A Switched-Capacitor Voltage Tripler With Automatic Interleaving Capability. IEEE Transactions on Power Electronics, 2012, 27, 2857-2868.	7.9	56
3	Reflected wave phenomenon in motor drive systems using wide bandgap devices. , 2014, , .		48
4	Switched-Capacitor-Cell-Based Voltage Multipliers and DCâ€“AC Inverters. IEEE Transactions on Industry Applications, 2012, 48, 1598-1609.	4.9	46
5	A Gallium Nitride Switched-Capacitor Circuit Using Synchronous Rectification. IEEE Transactions on Industry Applications, 2013, 49, 1383-1391.	4.9	21
6	Applications of Gallium Nitride in power electronics. , 2013, , .		17
7	A Gallium Nitride switched-capacitor power inverter for photovoltaic applications. , 2012, , .		15
8	A gallium-nitride switched-capacitor circuit using synchronous rectification. , 2011, , .		13
9	Bidirectional, three-port, three-phase multilevel inverter based on switched-capacitor cells. , 2013, , .		6
10	Design considerations for wide bandgap based motor drive systems. , 2014, , .		6
11	A 2 kW Gallium Nitride based switched capacitor three-port inverter. , 2013, , .		4
12	Multilevel, multiport, switched-capacitor based inverter for utility applications. , 2014, , .		1
13	Wide bandgap switching devices for fusion reactor power supply systems. , 2015, , .		0