

Stefanos Manias

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

720
citations

1307594

7
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Voltage Control of DC-DC Boost Converters Using Enumeration-Based Model Predictive Control. IEEE Transactions on Power Electronics, 2014, 29, 968-978.	7.9	228
2	Direct Model Predictive Control: A Review of Strategies That Achieve Long Prediction Intervals for Power Electronics. IEEE Industrial Electronics Magazine, 2014, 8, 32-43.	2.6	201
3	Variable Switching Point Predictive Torque Control of Induction Machines. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2014, 2, 285-295.	5.4	107
4	Direct Model Predictive Current Control Strategy of DC-DC Boost Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2013, 1, 337-346.	5.4	70
5	Forced Current Balancing of Parallel-Connected SiC JFETs During Forward and Reverse Conduction Mode. IEEE Transactions on Power Electronics, 2017, 32, 1400-1410.	7.9	35
6	Comparative evaluation of the short-circuit withstand capability of 1.2kV silicon carbide (SiC) power transistors in real life applications. Microelectronics Reliability, 2015, 55, 2640-2646.	1.7	23
7	Wireless Phase - Locked Loop control for inductive Power Transfer Systems. , 2015, , .		19
8	Variable switching point predictive torque control with extended prediction horizon. , 2015, , .		11
9	Model predictive control in power electronics: Strategies to reduce the computational complexity. , 2013, , .		9
10	Effective variable switching point predictive current control for ac low-voltage drives. International Journal of Control, 2015, 88, 1366-1378.	1.9	9
11	Variable switching point predictive torque control for the four-switch three-phase inverter. , 2013, , .		6
12	Analysis of primary-side series compensation of inductive chargers for biomedical implantable devices. , 2019, , .		2