

Hessamaldin Abdollahi

List of Publications by Year in descending order

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16
papers

244
citations

1478505

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1872680

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16
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16
docs citations

16
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of Shipboard DC Power Distribution: Online Impedance-Based Systems Methods. IEEE Electrification Magazine, 2017, 5, 55-67.	1.8	82
2	Real-Time Stability Analysis and Control of Multiconverter Systems by Using MIMO-Identification Techniques. IEEE Transactions on Power Electronics, 2019, 34, 3948-3957.	7.9	43
3	A Novel DC Power Distribution System Stabilization Method Based on Adaptive Resonance-Enhanced Voltage Controller. IEEE Transactions on Industrial Electronics, 2019, 66, 5653-5662.	7.9	29
4	Online measurement of bus impedance of interconnected power electronics systems: Applying orthogonal sequences. , 2017, , .		16
5	Radiated Immunity Test Involving Crosstalk and Enforcing Equivalence With Field-to-Wire Coupling. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 66-74.	2.2	15
6	Frequency-Domain Identification Based on Pseudorandom Sequences in Analysis and Control of DC Power Distribution Systems: A Review. IEEE Transactions on Power Electronics, 2021, 36, 3744-3756.	7.9	15
7	Adaptive Control of DC Power Distribution Systems: Applying Pseudo-Random Sequences and Fourier Techniques. , 2018, , .		12
8	A Loop Gain-Based Technique for Online Bus Impedance Estimation and Damping in DC Microgrids. IEEE Transactions on Power Electronics, 2021, 36, 9648-9658.	7.9	12
9	Online Bus Impedance Estimation and Stabilization of DC Power Distribution Systems: A Method Based on Source Converter Loop-Gain Measurement. , 2020, , .		7
10	MIMO identification techniques in online measurement of bus impedance of interconnected power-electronics systems. , 2017, , .		6
11	Positive Feed-Forward Control Design for DC Bus Stabilization of a Multi-Converter System Using a Pole Placement Approach. , 2018, , .		3
12	Incorporation of control systems in early stage conceptual ship designs. , 2017, , .		2
13	Stability Analysis and Adaptive Resonance Damping of Multi-Converter System Applying Bidirectional Converter. , 2020, , .		2
14	Adaptive Impedance-Based Stabilization of Multi-Bus DC Power Distribution Systems Using Positive Feed-Forward and Resonance-Enhanced Voltage Controller. , 2019, , .		0
15	Optimal Design of Liquid Cooling System for the Smart Ship System Design (S3D) Early Ship Design Tool. , 2019, , .		0
16	Online Stabilization of DC Power Distribution Systems Applying MIMO-Identification Method and Resonance-Enhanced Voltage Controller. , 2019, , .		0