

Mousalreza Faramarzi Palangar

List of Publications by Year in descending order

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11
papers

139
citations

1307594

7
h-index

1588992

8
g-index

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all docs

11
docs citations

11
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of porcelain and glass insulators conditions using phase angle index based on experimental tests. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 1460-1466.	2.9	31
2	Detection of Critical Conditions in Ceramic Insulators Based on Harmonic Analysis of Leakage Current. Electric Power Components and Systems, 2016, 44, 1854-1864.	1.8	16
3	Improved flashover mathematical model of polluted insulators: A dynamic analysis of the electric arc parameters. Electric Power Systems Research, 2020, 179, 106083.	3.6	16
4	Identification of Composite Insulator Criticality Based on a New Leakage Current Diagnostic Index. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	13
5	Design and Optimization Techniques in Performance Improvement of Line-Start Permanent Magnet Synchronous Motors: A Review. IEEE Transactions on Magnetics, 2021, 57, 1-14.	2.1	13
6	Designing an Automatic Detector Device to Diagnose Insulator State on Overhead Distribution Lines. IEEE Transactions on Industrial Informatics, 2022, 18, 1072-1082.	11.3	13
7	Optimum Design of Line-Start Permanent-Magnet Synchronous Motor Using Mathematical Method. , 2020, , .		10
8	Mathematical Modeling of Critical Parameters on the Polluted Ceramic Insulators Under AC Voltage: Based on Experimental Tests. Arabian Journal for Science and Engineering, 2016, 41, 3501-3510.	1.1	9
9	Electromagnetic and Thermal Analysis of a Line-Start Permanent-Magnet Synchronous Motor. , 2020, , .		9
10	Simultaneous Efficiency and Starting Torque Optimization of a Line-Start Permanent-Magnet Synchronous Motor Using Two Different Optimization Approaches. Arabian Journal for Science and Engineering, 2021, 46, 9953-9964.	3.0	7
11	Design Optimisation of an 8-pole Line-Start Permanent-Magnet Synchronous Motor. , 2020, , .		2