

Zoran R Radakovic

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

412
citations

933447

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h-index

794594

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g-index

19
all docs

19
docs citations

19
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	The Detection of Series Arc Fault in Photovoltaic Systems Based on the Arc Current Entropy. IEEE Transactions on Power Electronics, 2016, 31, 5917-5930.	7.9	119
2	Basics of Detailed Thermal-Hydraulic Model for Thermal Design of Oil Power Transformers. IEEE Transactions on Power Delivery, 2010, 25, 790-802.	4.3	100
3	Detection of series arcing in low-voltage electrical installations. European Transactions on Electrical Power, 2009, 19, 423-432.	1.0	33
4	Oil-Forced Versus Oil-Directed Cooling of Power Transformers. IEEE Transactions on Power Delivery, 2010, 25, 2590-2598.	4.3	17
5	Ratings of Oil Power Transformer in Different Cooling Modes. IEEE Transactions on Power Delivery, 2012, 27, 618-625.	4.3	17
6	The voltage distortion in low-voltage networks caused by compact fluorescent lamps with electronic gear. Electric Power Systems Research, 2005, 73, 129-136.	3.6	16
7	Decomposition of the Hot-Spot Factor. IEEE Transactions on Power Delivery, 2015, 30, 403-411.	4.3	16
8	Dynamic thermal model of kiosk oil immersed transformers based on the thermal buoyancy driven air flow. International Journal of Electrical Power and Energy Systems, 2017, 92, 14-24.	5.5	16
9	Is Transformer kVA Derating Always Required Under Harmonics? A Manufacturer's Perspective. IEEE Transactions on Power Delivery, 2018, 33, 2693-2699.	4.3	15
10	Loading of transformers in conditions of controlled cooling system. International Transactions on Electrical Energy Systems, 2014, 24, 203-214.	1.9	12
11	Application of Earthing Backfill Materials in Desert Soil Conditions. IEEE Transactions on Industry Applications, 2015, 51, 5288-5297.	4.9	11
12	Generating simple-to-apply comprehensive engineering recommendation for earthing safety in systems with solidly earthed neutral. IET Generation, Transmission and Distribution, 2015, 9, 2517-2525.	2.5	7
13	Variation of Steady-State Thermal Characteristics of Transformers with OFWF Cooling in Service. Electric Power Components and Systems, 2003, 31, 817-829.	1.8	6
14	Experimental Research on the Characteristics of Radiator Batteries of Oil Immersed Power Transformers. IEEE Transactions on Power Delivery, 2020, 35, 725-734.	4.3	6
15	Series arc fault detection in photovoltaic system by small-signal impedance and noise monitoring. International Transactions on Electrical Energy Systems, 2020, 30, e12234.	1.9	6
16	Quality Improvement of Steel Pipes Produced by Seam Welding with New Magneto-Dielectric Impeder. Materials Transactions, 2006, 47, 1464-1468.	1.2	5
17	Calculation of Touch Voltage Based on Physical Distribution of Earth Fault Current. IEEE Transactions on Power Delivery, 2017, 32, 2246-2254.	4.3	4
18	Voltage distortion in LED street lighting installations. Electrical Engineering, 2021, 103, 2161-2180.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Dynamic thermal model of liquid-immersed shell-type transformers. International Journal of Electrical Power and Energy Systems, 2022, 142, 108347.	5.5	2