

Pat Bodger

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

158
citations

1307594

7
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of volcanic ash contamination on the flashover voltage of HVAC outdoor suspension insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2014, 21, 1189-1197.	2.9	32
2	Equivalent circuit model of cascade connected partial core resonant transformers. , 2013, , .		1
3	Low frequency modelling of induction heaters using series equivalent circuit, transformer equivalent circuit and finite element analysis. , 2013, , .		6
4	Volcanic ash contamination: limitations of the standard ESDD method for classifying pollution severity. IEEE Transactions on Dielectrics and Electrical Insulation, 2013, 20, 414-420.	2.9	17
5	A 15-kVA High-Temperature Superconducting Partial-Core Transformerâ€™Part I: Transformer Modeling. IEEE Transactions on Power Delivery, 2013, 28, 245-252.	4.3	17
6	A 15-kVA High-Temperature Superconducting Partial-Core Transformerâ€™Part II: Construction Details and Experimental Testing. IEEE Transactions on Power Delivery, 2013, 28, 253-260.	4.3	5
7	Wire Explosion by Electromagnetic Induction. IEEE Transactions on Plasma Science, 2012, 40, 1891-1897.	1.3	0
8	A Marx Generator for Exploding Wire Experiments. , 2011, , .		3
9	An Economic Comparison between Grid Based and Isolated Rural Electrification in Nepal. , 2011, , .		0
10	Generating extra long arcs using exploding wires. Journal of Applied Physics, 2011, 110, 093303.	2.5	9
11	A Dynamic Function for Energy Return on Investment. Sustainability, 2011, 3, 1972-1985.	3.2	29
12	Observations of the long distance exploding wire restrike mechanism. Journal of Applied Physics, 2010, 108, .	2.5	10
13	Investigating Long-Distance Exploding-Wire Restrike. IEEE Transactions on Plasma Science, 2010, 38, 1015-1018.	1.3	7
14	National Energy Policies and the electricity sector in Malaysia. , 2009, , .		20
15	A resonant transformer for high voltage testing of generator stators. Australian Journal of Electrical and Electronics Engineering, 2004, 1, 179-185.	1.2	2