

Xuandong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1684188

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1372567

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12
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12
docs citations

12
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Study on Multigap Multichannel Gas Spark Closing Switch for LTD. IEEE Transactions on Plasma Science, 2009, 37, 1318-1323.	1.3	32
2	Influence of material volume conductivity on electric field and surface charge of RIP valve-side bushing core under DC electro-thermal coupling stress. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 164-171.	2.9	14
3	Novel heat pipe current-carrying tube of RIP valve-side bushing in converter transformer. Electric Power Systems Research, 2020, 184, 106344.	3.6	12
4	Study on Firing Conditions of Multigap Gas Switch for Fast Linear Transformer Driver. IEEE Transactions on Plasma Science, 2010, 38, 1670-1674.	1.3	10
5	Comparison of Gas Spark Switch Trigger Methods Through Resistor and Inductor for FLTD. Journal of Fusion Energy, 2019, 38, 213-218.	1.2	6
6	Cracking risk analysis and control for high-voltage dry-type valve-side bushings. IET Generation, Transmission and Distribution, 2020, 14, 6555-6561.	2.5	5
7	Degradation characteristics of insulation near aluminium foil edges inside dry-type bushing cores under electrothermal compound stress. High Voltage, 2022, 7, 1153-1164.	4.7	5
8	Alternating streamer propagation in mineral oil under bipolar oscillating impulse voltage. Physics of Plasmas, 2018, 25, 072125.	1.9	3
9	On polarity effects in streamer discharge of mineral oil under bipolar oscillating impulse voltage. Physics of Plasmas, 2018, 25, 094503.	1.9	2
10	Best choice of insulation gas medium for MMGS in fast linear transformer driver. AIP Advances, 2020, 10, 035111.	1.3	2
11	Discharge Characteristics of Fusion Plasma Jet Array and its Influencing Factors. IEEE Transactions on Plasma Science, 2022, 50, 79-87.	1.3	2