

Xuandong Liu

List of Publications by Year in descending order

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papers

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1684188

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Discharge Characteristics of Fusion Plasma Jet Array and its Influencing Factors. IEEE Transactions on Plasma Science, 2022, 50, 79-87. | 1.3 | 2 |
| 2 | 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 |
| 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 | Best choice of insulation gas medium for MMGS in fast linear transformer driver. AIP Advances, 2020, 10, 035111. | 1.3 | 2 |
| 5 | 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 |
| 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 | Comparison of Gas Spark Switch Trigger Methods Through Resistor and Inductor for FLTD. Journal of Fusion Energy, 2019, 38, 213-218. | 1.2 | 6 |
| 8 | On polarity effects in streamer discharge of mineral oil under bipolar oscillating impulse voltage. Physics of Plasmas, 2018, 25, 094503. | 1.9 | 2 |
| 9 | Alternating streamer propagation in mineral oil under bipolar oscillating impulse voltage. Physics of Plasmas, 2018, 25, 072125. | 1.9 | 3 |
| 10 | 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 |
| 11 | Experimental Study on Multigap Multichannel Gas Spark Closing Switch for LTD. IEEE Transactions on Plasma Science, 2009, 37, 1318-1323. | 1.3 | 32 |