

Tianchi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

15
citations

2682572

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2272923

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g-index

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all docs

6
docs citations

6
times ranked

8
citing authors

#	ARTICLE	IF	CITATIONS
1	A low-jitter self-triggered spark-discharge pre-ionization switch: primary research on its breakdown characteristics and working mechanisms. Plasma Science and Technology, 2021, 23, 115508.	1.5	5
2	A calculation model for breakdown time delay and jitter of gas switches under hundred-nanosecond pulses and its application in a self-triggered pre-ionized switch. Plasma Science and Technology, 2021, 23, 115507.	1.5	4
3	Using Self-Triggered Sustaining Pre-Ionization to Obtain Nanosecond Jitter in a MV Pulsed Gas Switch. IEEE Transactions on Plasma Science, 2021, 49, 4034-4037.	1.3	3
4	Optimization of a Nanosecond Pre-Ionization Switch's Breakdown Jitter Characteristic Based on a Probability Distribution Model of Electron Avalanche's Initiation. IEEE Access, 2021, 9, 13513-13523.	4.2	2
5	Optical Diagnosis of Preionization Mechanisms and Breakdown Characteristics in a Nanosecond Switch. IEEE Transactions on Plasma Science, 2022, 50, 1912-1926.	1.3	1
6	Comparative study of pulsed breakdown processes and mechanisms in self-triggered four-electrode pre-ionized switches. Plasma Science and Technology, 0, , .	1.5	0