

Xiaotong Li

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

68
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation of the Control of Electron Energy in the Atmospheric-Pressure Helium Plasma Jet. IEEE Transactions on Plasma Science, 2018, 46, 2865-2880.	1.3	12
2	Investigation on the energy spectrums of electrons in atmospheric pressure argon plasma jets and their dependences on the applied voltage. Physics of Plasmas, 2017, 24, .	1.9	11
3	An investigation on the effects of air on electron energy in atmospheric pressure helium plasma jets. Physics of Plasmas, 2018, 25, .	1.9	10
4	Effects of gap distance and working gas on energy spectra of electrons in atmospheric pressure plasma jets. Physics of Plasmas, 2018, 25, 033517.	1.9	8
5	A Numerical Investigation on the Effects of Water Vapor on Electron Energy and OH Production in Atmospheric-Pressure He/H ₂ O and Ar/H ₂ O Plasma Jets. IEEE Transactions on Plasma Science, 2019, 47, 1593-1604.	1.3	8
6	Investigation on the effects of the operating conditions on electron energy in the atmospheric-pressure helium plasma jet. Physics of Plasmas, 2019, 26, .	1.9	7
7	Energy Spectrum of Electrons in the Plasma Bullet and Its Applied Voltage Effect in Atmospheric-Pressure Argon Plasma Jets. IEEE Transactions on Plasma Science, 2020, 48, 991-1000.	1.3	4
8	Evolution of the Discharge Mode From Chaos to an Inverse Period-Doubling Bifurcation in an Atmospheric-Pressure He/N ₂ Dielectric Barrier Discharge in Increasing Nitrogen Content. IEEE Transactions on Plasma Science, 2022, 50, 619-634.	1.3	4
9	Investigation on the Frequency Dependence of the Correlation Between Discharge Current and Gap Voltage in Helium Dielectric Barrier Discharges at Atmospheric Pressure. IEEE Transactions on Plasma Science, 2020, 48, 2060-2074.	1.3	3
10	Mechanism Governing the Dependence of Temporal Nonlinear Behavior on the Gap Width in Atmospheric-Pressure Helium Dielectric Barrier Discharge—Role of Residual Charged Particles. IEEE Transactions on Plasma Science, 2021, 49, 1278-1292.	1.3	1
11	Elliptically polarized magnetic field of electric power lines and mitigation by passive shielding. , 2015, , .		0
12	A Numerical Investigation on the Reactive Species Generation and Its Correlation With Electron Energy in Atmospheric-Pressure Helium/Humid Air Plasma Jets. IEEE Transactions on Plasma Science, 2020, 48, 1001-1007.	1.3	0