

Guided ionization waves: Theory and experiments

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of residual charges in the repeatability of the dynamics of atmospheric pressure room temperature plasma plume. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	27
2	Photo-ionization and residual electron effects in guided streamers. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	28
3	A comparison between characteristics of atmospheric-pressure plasma jets sustained by nanosecond- and microsecond-pulse generators in helium. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	34
4	Self-consistent fluid modeling and simulation on a pulsed microwave atmospheric-pressure argon plasma jet. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	32
5	On the Mechanism of Ring-Shape Structure of Plasma Bullet. <i>Plasma Processes and Polymers</i> , 2014, 11, 1169-1174.	1.6	19
6	Relation between plasma plume density and gas flow velocity in atmospheric pressure plasma. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	25
7	Relation between plasma plume charge and length in atmospheric pressure plasma. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2014, 9, S13.	0.8	18
8	Temporal evolution of atmosphere pressure plasma jets driven by microsecond pulses with positive and negative polarities. <i>Europhysics Letters</i> , 2014, 107, 65004.	0.7	33
9	Atmospheric pressure plasma jets interacting with liquid covered tissue: touching and not-touching the liquid. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 475203.	1.3	164
10	The production mechanisms of OH radicals in a pulsed direct current plasma jet. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	44
11	Observation of inactivation of <i>Bacillus subtilis</i> spores under exposures of oxygen added argon atmospheric pressure plasma jet. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 110310.	0.8	19
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13	On the mechanism of acceleration behavior of plasma bullet. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	44
14	On the Bullet-Streamer Dualism. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 2428-2429.	0.6	10
15	Atmospheric pressure gas plasma-induced colorectal cancer cell death is mediated by Nox2-ASK1 apoptosis pathways and oxidative stress is mitigated by Srx-Nrf2 anti-oxidant system. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2827-2837.	1.9	103
16	Multiple solutions in the theory of dc glow discharges and cathodic part of arc discharges. Application of these solutions to the modeling of cathode spots and patterns: a review. <i>Plasma Sources Science and Technology</i> , 2014, 23, 054019.	1.3	39
17	Intense Ar Plasma Array Jet With Ring-Type Focusing Electrode. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 2478-2479.	0.6	4
18	Production of active species in cold helium-air plasma jets. <i>Plasma Sources Science and Technology</i> , 2014, 23, 065014.	1.3	54

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20	The influence of the tube diameter on the properties of an atmospheric pressure He micro-plasma jet. Journal Physics D: Applied Physics, 2014, 47, 415202.	1.3	38
21	Effect of Pulse Rise time on Plasma Plume Propagation Velocity. IEEE Transactions on Plasma Science, 2014, 42, 2868-2869.	0.6	9
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30	Evaluation of the effects of a plasma activated medium on cancer cells. Physics of Plasmas, 2015, 22, .	0.7	119
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#	ARTICLE	IF	CITATIONS
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128	Reactive species in non-equilibrium atmospheric-pressure plasmas: Generation, transport, and biological effects. <i>Physics Reports</i> , 2016, 630, 1-84.	10.3	900
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