

Marina Sokolova

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

96
citations

1478505

6
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of solid dielectric on the impulse discharge behaviour in a needle-to-plane air gap. Journal Physics D: Applied Physics, 2005, 38, 877-886.	2.8	22
2	Barrier properties influence on the surface dielectric barrier discharge driven by single voltage pulses of different duration. Journal Physics D: Applied Physics, 2019, 52, 324001.	2.8	17
3	Title is missing!. Plasmas and Polymers, 2003, 8, 179-197.	1.5	15
4	Influence of a Bias Voltage on the Characteristics of Surface Discharges in Dry Air. Plasma Processes and Polymers, 2005, 2, 162-169.	3.0	10
5	Title is missing!. High Temperature, 2003, 41, 166-175.	1.0	7
6	Experimental simulation of a laser lightning-protection system on a device with an artificial cloud of charged aqueous aerosol. Quantum Electronics, 2002, 32, 523-527.	1.0	6
7	Electric field distribution at the electrode edge during surface discharge. Technical Physics Letters, 2010, 36, 126-129.	0.7	4
8	Recording Radiation in the Near-Ultraviolet Range to Determine the Initial Ignition Voltage of Surface Discharge in Air. Russian Electrical Engineering, 2018, 89, 477-479.	0.6	4
9	Volume-surface barrier discharge in dried air in three-electrode system fed by impulse high voltage with nanosecond rise time. EPJ Applied Physics, 2016, 75, 24705.	0.7	3
10	On the Determination of the Initial Ignition Voltage of a Surface Discharge in Air. Russian Electrical Engineering, 2018, 89, 480-483.	0.6	3
11	Studying emission from a surface discharge in dry air. Technical Physics Letters, 2009, 35, 207-210.	0.7	2
12	Influence of the solid dielectric surface structure on the electric field at an air-barrier boundary. Technical Physics Letters, 2012, 38, 474-477.	0.7	2
13	Plasma diagnostics of the barrier discharge in humid argon by cross-correlation spectroscopy. Moscow University Chemistry Bulletin, 2010, 65, 350-354.	0.6	1
14	Surface discharge in air at high temperatures. Technical Physics Letters, 2010, 36, 500-503.	0.7	0
15	Characteristics of the effect of an impulse supply voltage on the structure and characteristics of a surface discharge. Russian Electrical Engineering, 2017, 88, 524-527.	0.6	0