

Bair Baldanov

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

72
citations

1684188

5
h-index

1474206

9
g-index

18
all docs

18
docs citations

18
times ranked

46
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of a negative corona in atmospheric-pressure argon. Plasma Physics Reports, 2007, 33, 243-248.	0.9	16
2	Changes in the Properties and Surface Structure of Grain Seeds under the Influence of a Glow Discharge at Atmospheric Pressure. Plasma Physics Reports, 2020, 46, 110-114.	0.9	11
3	Experimental study of a multipoint cathode corona in an argon flow. Plasma Physics Reports, 2009, 35, 552-558.	0.9	9
4	Action of plasma jets of a low-current spark discharge on microorganisms (Escherichia coli). Technical Physics, 2015, 60, 1729-1731.	0.7	8
5	A Source of Nonequilibrium Argon Plasma Based on a Volume Gas Flow Discharge at Atmospheric Pressure. Instruments and Experimental Techniques, 2020, 63, 284-287.	0.5	6
6	Peculiarities of the spark discharge formation at a limiting ballast resistor. Plasma Physics Reports, 2012, 38, 1062-1065.	0.9	5
7	On the increase in the limiting current of an atmospheric-pressure glow discharge in an argon flow. Technical Physics, 2014, 59, 621-623.	0.7	5
8	Effect of atmospheric-pressure surface discharge on the surface properties of polytetrafluoroethylene films. High Energy Chemistry, 2016, 50, 60-63.	0.9	5
9	A Source of Low-Temperature Nonequilibrium Argon Plasma. Instruments and Experimental Techniques, 2019, 62, 432-435.	0.5	3
10	Two types of current oscillations in a low-current spark discharge initiated in a nonuniform electric field. Technical Physics, 2011, 56, 564-566.	0.7	2
11	Source of a Volume Plasma Jet Based on a Low-Current Nonstationary Discharge. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 1407-1409.	0.6	2
12	On stabilization of multipoint negative corona by using ballast resistances. Technical Physics, 2009, 54, 1235-1237.	0.7	0
13	Current density distribution over the anode surface at a pulse-periodic negative corona in argon. Technical Physics, 2014, 59, 1082-1084.	0.7	0
14	Formation of a spark discharge in an inhomogeneous electric field with current limitation by a large ballast Resistance. Plasma Physics Reports, 2016, 42, 79-85.	0.9	0
15	Initiating Surface Streamers with a DC Negative Barrier Corona Discharge in Argon. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 1366-1368.	0.6	0
16	Influence of Current Spreading on Polymer Surface on Determination of Total Surface Energy. High Energy Chemistry, 2021, 55, 165-167.	0.9	0
17	10.1007/s11454-008-2024-z. , 2010, 53, 282.		0
18	Experimental Study of the Effect of a Nonthermal Plasma Jet on the Wettability of Polytetrafluoroethylene Surface. High Energy Chemistry, 2022, 56, 213-216.	0.9	0