

Gadjimirza Ragimkhanov

List of Publications by Year in descending order

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26
papers

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citations

1478505

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all docs

26
docs citations

26
times ranked

23
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma and Gas-Dynamic Near-Electrode Processes in the Initial Phase of a Microstructured Spark Discharge in Air. <i>Technical Physics Letters</i> , 2020, 46, 737-740.	0.7	14
2	Formation of shock waves in a discharge plasma in the presence of a magnetic field. <i>Plasma Physics Reports</i> , 2016, 42, 687-698.	0.9	12
3	Development of ionization waves in argon at atmospheric pressure with inhomogeneous preliminary ionization. <i>Europhysics Letters</i> , 2018, 123, 45001.	2.0	11
4	Investigation of plasma properties in the phase of the radial expansion of a spark channel in the "pin-to-plate" geometry. <i>Plasma Sources Science and Technology</i> , 2021, 30, 095020.	3.1	10
5	Peculiarities of the formation and development of ionization fronts in a pre-ionized gas medium. <i>Technical Physics Letters</i> , 2017, 43, 853-856.	0.7	8
6	Investigation of the microchannel structure in the initial phase of the discharge in air at atmospheric pressure in the "pin (anode)-plane" gap. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	7
7	Studying Nanosecond Discharge in Argon at Atmospheric Pressure with Preionization. <i>Technical Physics Letters</i> , 2019, 45, 4-7.	0.7	5
8	Expansion of the cathode spot and generation of shock waves in the plasma of a volume discharge in atmospheric-pressure helium. <i>Plasma Physics Reports</i> , 2012, 38, 22-28.	0.9	4
9	Features of the cathode plasma formation at the initial stage of a nanosecond spark discharge in air. <i>Europhysics Letters</i> , 2020, 130, 65002.	2.0	4
10	The effect of high-enthalpy argon plasma flow on the structure and properties of $\text{YBa}_2\text{Cu}_3\text{O}_7$ "nanoceramics". <i>Technical Physics Letters</i> , 2017, 43, 603-606.	0.7	3
11	Optical and Kinetic Characteristics of an Atmospheric Pressure Pulsed Discharge in Helium with Iron Vapor. <i>Technical Physics</i> , 2019, 64, 348-351.	0.7	3
12	Structure and properties of YBCO before and after the short-term exposure of the plasma flow. <i>Journal of Physics: Conference Series</i> , 2019, 1385, 012028.	0.4	3
13	Fractional-differential approach to the study of instability in a gas discharge. <i>Chaos, Solitons and Fractals</i> , 2018, 107, 39-42.	5.1	2
14	Microchannel Structure Parameters in the Initial Phase of a Spark Discharge in a Tip-Plane Gap in Atmospheric-Pressure Air. <i>Technical Physics Letters</i> , 2021, 47, 71-74.	0.7	2
15	Peculiarities of formation and development of initial stages of an impulse breakdown in argon. <i>Plasma Physics Reports</i> , 2011, 37, 1166-1172.	0.9	1
16	A set of optical techniques for studying the dynamics of a discharge in millimeter-length intervals: the development of a spark discharge in air in the pin-to-plate geometry. <i>Journal of Physics: Conference Series</i> , 2020, 1692, 012007.	0.4	1
17	Dynamics of impulse volume discharge formation in atmospheric pressure helium. <i>Journal of Physics: Conference Series</i> , 2017, 907, 012021.	0.4	0
18	Peculiarities of the ionized fronts formation and development in pre-ionized gas. <i>Journal of Physics: Conference Series</i> , 2017, 830, 012040.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Dynamics of pulse discharge in atmospheric pressure argon. Journal of Physics: Conference Series, 2018, 1115, 022039.	0.4	0
20	Study of ionization waves in a pulse discharge in helium. Journal of Physics: Conference Series, 2019, 1393, 012013.	0.4	0
21	Study of ionization waves in a pulse discharge in argon. Journal of Physics: Conference Series, 2019, 1393, 012011.	0.4	0
22	Optical and kinetic characteristics of a pulsed discharge in argon with aluminum vapor at atmospheric pressure. Journal of Physics: Conference Series, 2019, 1393, 012012.	0.4	0
23	Changes in the surface structure of nanostructured ceramics $\text{YBa}_{2}\text{Cu}_{3}\text{O}_{7-y}$ after exposure to a plasma stream. Journal of Physics: Conference Series, 2020, 1588, 012009.	0.4	0
24	Drift Characteristics of Metal Ions in Helium in an External Electric Field. Bulletin of the Lebedev Physics Institute, 2020, 47, 114-118.	0.6	0
25	Formation of a Nanosecond Discharge in Argon at Atmospheric Pressure Under Gas Pre-Ionization Conditions. Plasma Physics Reports, 2021, 47, 80-85.	0.9	0
26	Investigation of the Dynamics of a Microstructured Spark Channel in Air in the "Tip (Anode)"-Plane" Geometry at the Stage of Radial Expansion. Plasma Physics Reports, 2021, 47, 73-79.	0.9	0