

Iya Kurlyandskaya

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

120
citations

1307543

7
h-index

1281846

11
g-index

16
all docs

16
docs citations

16
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Basic factors for acquiring, correcting, and interpreting probe current-voltage characteristic in moderate-collisional plasma for determining electron energy distribution. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	24
2	Measurements of low-energy electron reflection at a plasma boundary. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	22
3	Nonlocal control of electron temperature in short direct current glow discharge plasma. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	14
4	Control of plasma properties in a short direct-current glow discharge with active boundaries. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	13
5	Suprathermal electron energy spectrum and nonlocally affected plasma-wall interaction in helium/air micro-plasma at atmospheric pressure. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	10
6	Comment on "Two-dimensional positive column structure in a discharge tube with radius discontinuity" [<i>Phys. Plasmas</i> 21, 113503 (2014)]. <i>Physics of Plasmas</i> , 2015, 22, 094701.	1.9	8
7	Feasibility, strategy, methodology, and analysis of probe measurements in plasma under high gas pressure. <i>Journal of Physics: Conference Series</i> , 2018, 958, 012003.	0.4	8
8	Probe measurements of electron energy spectrum and plasma-wall interaction in Helium/air micro-plasma at atmospheric pressure. <i>Journal of Physics: Conference Series</i> , 2018, 982, 012013.	0.4	5
9	Effect of anode material on the breakdown in low-pressure helium gas. <i>Journal of Physics: Conference Series</i> , 2017, 927, 012001.	0.4	4
10	Evidence of effective local control of a plasma's nonlocal electron distribution function. <i>Plasma Sources Science and Technology</i> , 2020, 29, 077001.	3.1	4
11	Nonlocal control of plasma conductivity. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	3
12	Comment on "Use of dc Ar microdischarge with nonlocal plasma for identification of metal samples" [<i>J. Appl. Phys.</i> 117, 133303 (2015)]. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	2
13	Measurement of the densities of plasma and ambient gas particles using a short direct current discharge. <i>Physics of Plasmas</i> , 2020, 27, 053508.	1.9	2
14	Magnetically insulated baffled probe (MIBP) for low-temperature and fusion-boundary plasma studies. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 093001.	2.1	1
15	Measurements of fluctuating electron temperature and space potential in a magnetized plasma with a single magnetically insulated baffled probe (MIBP). <i>Plasma Sources Science and Technology</i> , 2022, 31, 037001.	3.1	0