

Noureddine Oudini

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

292
citations

933447

10
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888059

17
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26
all docs

26
docs citations

26
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen flow rate effect on copper oxide thin films deposited by radio frequency magnetron sputtering. <i>Thin Solid Films</i> , 2022, 741, 139013.	1.8	13
2	Experimental investigation of hybrid plasma reactor for duplex surface treatment. <i>EPJ Applied Physics</i> , 2022, 97, 15.	0.7	1
3	Effects of electron spatial inertia and magnetic field gradient on transport across magnetic filter. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	3
4	Gas pressure effect on plasma transport in a magnetic-filtered radio-frequency plasma source. <i>Plasma Science and Technology</i> , 2020, 22, 065402.	1.5	2
5	Expansion of alternatively extracted ion beam in a low pressure collisional medium. <i>Plasma Sources Science and Technology</i> , 2020, 29, 105019.	3.1	3
6	Electron transport across a magnetic filter: Magnetic field gradient effects on plasma properties. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	5
7	Eclipse laser photo-detachment: does the blocking wire distort the collected laser photo-detachment signal?. <i>Plasma Sources Science and Technology</i> , 2019, 28, 065016.	3.1	2
8	Numerical study of the collisionless interaction between positive and negative ion beams. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	6
9	Analytical and numerical studies of positive ion beam expansion for surface treatment applications. <i>EPJ Applied Physics</i> , 2018, 81, 10802.	0.7	3
10	Electronegative plasma diagnostic by laser photo-detachment combined with negatively biased Langmuir probe. <i>Physics of Plasmas</i> , 2018, 25, 053510.	1.9	4
11	Control of Dual Frequency Capacitively Coupled Plasma via blocking capacitor and phase angle. <i>EPJ Applied Physics</i> , 2017, 80, 10802.	0.7	3
12	Near-field plume properties of an ion beam formed by alternating extraction and acceleration of oppositely charged ions. <i>Plasma Sources Science and Technology</i> , 2016, 25, 055013.	3.1	13
13	Measurement of electronegativity at different laser wavelengths: accuracy of Langmuir probe assisted laser photo-detachment. <i>Plasma Sources Science and Technology</i> , 2016, 25, 04LT01.	3.1	14
14	Photo-detachment signal analysis to accurately determine electronegativity, electron temperature, and charged species density. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	11
15	Numerical experiment to estimate the validity of negative ion diagnostic using photo-detachment combined with Langmuir probing. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	19
16	The PEGASES Gridded Ion-Ion Thruster Performance and Predictions. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 321-326.	1.3	43
17	Numerical simulations used for a validity check on the laser induced photo-detachment diagnostic method in electronegative plasmas. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	15
18	Particle-in-cell simulation of an electronegative plasma under direct current bias studied in a large range of electronegativity. <i>Physics of Plasmas</i> , 2013, 20, 043501.	1.9	32

#	ARTICLE	IF	CITATIONS
19	Negative ion extraction from hydrogen plasma bulk. <i>Physics of Plasmas</i> , 2013, 20, 103506.	1.9	10
20	Numerical study of the characteristics of the ion and fast atom beams in an end-Hall ion source. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	7
21	Time dependent behaviors of ion-ion plasmas exposed to various voltage waveforms in the kilohertz to megahertz frequency range. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	7
22	Physics and modeling of an end-Hall (gridless) ion source. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	24
23	Plasma transport across magnetic field lines in low-temperature plasma sources. <i>Plasma Physics and Controlled Fusion</i> , 2011, 53, 124032.	2.1	48
24	Numerical Modeling of an End-Hall Ion Source. <i>Advanced Materials Research</i> , 0, 227, 144-147.	0.3	2
25	Laser photo-detachment combined with Langmuir probe in magnetized electronegative plasma: how the probe size affects the plasma dynamic?. <i>Plasma Sources Science and Technology</i> , 0, , .	3.1	2