

Jordan Gosselin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

287
citations

1163117

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1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipole Enhancement of Positron Binding to Molecules. Physical Review Letters, 2010, 104, 233201.	7.8	77
2	Multi-instability plasma dynamics during the route to fully developed turbulence in a helicon plasma. Plasma Sources Science and Technology, 2014, 23, 044006.	3.1	57
3	Interplay between permanent dipole moments and polarizability in positron-molecule binding. Physical Review A, 2012, 85, .	2.5	36
4	Positron binding to alcohol molecules. New Journal of Physics, 2012, 14, 015006.	2.9	35
5	Formation of the Blue Core in Argon Helicon Plasma. IEEE Transactions on Plasma Science, 2015, 43, 2754-2759.	1.3	30
6	Development of core ion temperature gradients and edge sheared flows in a helicon plasma device investigated by laser induced fluorescence measurements. Physics of Plasmas, 2016, 23, .	1.9	17
7	Overestimation of Mach number due to probe shadow. Physics of Plasmas, 2016, 23, 073519.	1.9	14
8	Simultaneous use of camera and probe diagnostics to unambiguously identify and study the dynamics of multiple underlying instabilities during the route to plasma turbulence. Review of Scientific Instruments, 2014, 85, 11E813.	1.3	13
9	Publisher's Note: Interplay between permanent dipole moments and polarizability in positron-molecule binding [Phys. Rev. A 85, 022709 (2012)]. Physical Review A, 2012, 85, .	2.5	4
10	Laser induced fluorescence measurements of axial velocity, velocity shear, and parallel ion temperature profiles during the route to plasma turbulence in a linear magnetized plasma device. Review of Scientific Instruments, 2016, 87, 11E513.	1.3	4
11	Dynamics of formation of the blue core mode in argon helicon plasma. , 2014, , .		0