

Natalia Sternberg

List of Publications by Year in descending order

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17
papers

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1305906

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times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma density perturbation caused by probes at low gas pressure. <i>Physics of Plasmas</i> , 2017, 24, 093504.	0.7	7
2	RESONANT TRANSPARENCY OF A THREE-LAYER STRUCTURE CONTAINING THE DENSE PLASMA REGION. <i>Progress in Electromagnetics Research</i> , 2009, 99, 37-52.	1.6	10
3	Resonant Transmission of Electromagnetic Waves in Multilayer Dense-Plasma Structures. <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 1251-1260.	0.6	29
4	The Bohm Plasma-Sheath Model and the Bohm Criterion Revisited. <i>IEEE Transactions on Plasma Science</i> , 2007, 35, 1341-1349.	0.6	28
5	Transition from the constant ion mobility regime to the ion-atom charge-exchange regime for bounded collisional plasmas. <i>Physics of Plasmas</i> , 2005, 12, 023502.	0.7	7
6	Response to "Comment on 'On the consistency of the collisionless sheath model'" [<i>Phys. Plasmas</i> 10, 4589 (2003)]. <i>Physics of Plasmas</i> , 2003, 10, 4590-4590.	0.7	2
7	Response to "Comment on 'On the consistency of the collisionless sheath model'" [<i>Phys. Plasmas</i> 10, 4584 (2003)]. <i>Physics of Plasmas</i> , 2003, 10, 4587-4588.	0.7	4
8	Response to "Comment on 'On the consistency of the collisionless sheath model'" [<i>Phys. Plasmas</i> 10, 1528 (2003)]. <i>Physics of Plasmas</i> , 2003, 10, 1529-1529.	0.7	5
9	Response to "Comment on 'On the consistency of the collisionless sheath model'" [<i>Phys. Plasmas</i> 10, 3432 (2003)]. <i>Physics of Plasmas</i> , 2003, 10, 3435-3436.	0.7	6
10	Response to "Comment on 'On the consistency of the collisionless sheath model'" [<i>Phys. Plasmas</i> 10, 3437 (2003)]. <i>Physics of Plasmas</i> , 2003, 10, 3439-3440.	0.7	6
11	On the consistency of the collisionless sheath model. <i>Physics of Plasmas</i> , 2002, 9, 4427-4430.	0.7	67
12	Approximation of the bounded plasma problem by the plasma and the sheath models. <i>Physica D: Nonlinear Phenomena</i> , 1996, 97, 498-508.	1.3	30
13	Solving the Mathematical Model of the Electrode Sheath in Symmetrically Driven RF Discharges. <i>Journal of Computational Physics</i> , 1994, 111, 347-353.	1.9	24
14	Dynamic model of the electrode sheaths in symmetrically driven rf discharges. <i>Physical Review A</i> , 1990, 42, 2299-2312.	1.0	248
15	Onset of chaos in differential delay equations. <i>Journal of Computational Physics</i> , 1988, 77, 221-239.	1.9	42
16	A spectral method for nonlinear wave equations. <i>Journal of Computational Physics</i> , 1987, 72, 422-434.	1.9	3
17	Blow up near higher modes of nonlinear wave equations. <i>Transactions of the American Mathematical Society</i> , 1986, 296, 315-325.	0.5	4