

Sourav Pramanik

List of Publications by Year in descending order

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21
papers

132
citations

1307594

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1281871

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22
all docs

22
docs citations

22
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	On Langmuir oscillations breaking driven by ion motion and relativistic effects. <i>Physica Scripta</i> , 2021, 96, 035603.	2.5	1
2	Non-linear coherent structures in multi-species dusty plasma. <i>Contributions To Plasma Physics</i> , 2021, 61, e202100025.	1.1	2
3	Three dimensional wave group dynamics of ion acoustic waves in electron-positron-ion plasmas in the presence of an external uniform magnetic field. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	6
4	Effects of finite ion inertia on phase-mixing of Langmuir oscillations in cold electron-positron-ion plasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126856.	2.1	3
5	Phase mixing of lower hybrid modes in cold plasmas. <i>Physics of Plasmas</i> , 2019, 26, 082111.	1.9	2
6	Nonlinear characteristics of relativistic Pierce diodes in stationary state. <i>Physics of Plasmas</i> , 2019, 26, 113503.	1.9	2
7	Effects of collisions on the stability properties of plasma diodes. <i>Journal of Physics: Conference Series</i> , 2019, 1400, 077025.	0.4	0
8	Effect of electron collisions on steady states of plasma diodes with an electron potential barrier. <i>Journal of Physics: Conference Series</i> , 2019, 1400, 077033.	0.4	0
9	Effect of electron collisions on stationary solutions of plasma diodes in the case with electron reflection. <i>Physics of Plasmas</i> , 2019, 26, 123513.	1.9	2
10	Stable and Unstable Regimes of Plasma Diodes in the Presence of Electron Collisions. <i>Technical Physics</i> , 2019, 64, 1452-1461.	0.7	3
11	Langmuir wave phase-mixing in warm electron-positron-dusty plasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 1020-1023.	2.1	13
12	Effects of collision on the time-independent states of a non-neutral plasma diode. <i>Physics of Plasmas</i> , 2018, 25, 083512.	1.9	4
13	Stability properties of the steady state solutions of a non-neutral plasma diode when there is a uniform magnetic field along transverse direction. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	2
14	Effects of magnetic field on phase-mixing of electrostatic oscillations in cold electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	7
15	Non-neutral plasma diode in the presence of a transverse magnetic field. <i>Physics of Plasmas</i> , 2016, 23, 062118.	1.9	4
16	Time-independent states of a non-neutral plasma diode when emitted electrons are partially turned around by a transverse magnetic field. <i>Physics of Plasmas</i> , 2016, 23, 103105.	1.9	4
17	Stability analysis of steady state solutions of Bursian diode in presence of transverse magnetic field. <i>Physics of Plasmas</i> , 2015, 22, 082103.	1.9	9
18	Phase-mixing of ion plasma modes in pair-ion plasmas. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	12

#	ARTICLE	IF	CITATIONS
19	The transverse magnetic field effect on steady-state solutions of the Bursian diode. Physics of Plasmas, 2015, 22, 042110.	1.9	10
20	Wave breaking of nonlinear electron oscillations in a warm magnetized plasma. Physics of Plasmas, 2014, 21, 022308.	1.9	7
21	Analysis of CAG and CCG repeats in Huntingtin gene among HD patients and normal populations of India. European Journal of Human Genetics, 2000, 8, 678-682.	2.8	39