

Sourav Pramanik

List of Publications by Year in descending order

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21
papers

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citations

1307594

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1281871

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22
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106
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Analysis of CAG and CCG repeats in Huntingtin gene among HD patients and normal populations of India. <i>European Journal of Human Genetics</i> , 2000, 8, 678-682. | 2.8 | 39 |
| 2 | 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 |
| 3 | Phase-mixing of ion plasma modes in pair-ion plasmas. <i>Physics of Plasmas</i> , 2015, 22, . | 1.9 | 12 |
| 4 | The transverse magnetic field effect on steady-state solutions of the Bursian diode. <i>Physics of Plasmas</i> , 2015, 22, 042110. | 1.9 | 10 |
| 5 | 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 |
| 6 | Wave breaking of nonlinear electron oscillations in a warm magnetized plasma. <i>Physics of Plasmas</i> , 2014, 21, 022308. | 1.9 | 7 |
| 7 | 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 |
| 8 | 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 |
| 9 | Non-neutral plasma diode in the presence of a transverse magnetic field. <i>Physics of Plasmas</i> , 2016, 23, 062118. | 1.9 | 4 |
| 10 | 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 |
| 11 | 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 |
| 12 | Stable and Unstable Regimes of Plasma Diodes in the Presence of Electron Collisions. <i>Technical Physics</i> , 2019, 64, 1452-1461. | 0.7 | 3 |
| 13 | 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 |
| 14 | 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 |
| 15 | Phase mixing of lower hybrid modes in cold plasmas. <i>Physics of Plasmas</i> , 2019, 26, 082111. | 1.9 | 2 |
| 16 | Nonlinear characteristics of relativistic Pierce diodes in stationary state. <i>Physics of Plasmas</i> , 2019, 26, 113503. | 1.9 | 2 |
| 17 | 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 |
| 18 | Nonlinear coherent structures in multi-species dusty plasma. <i>Contributions To Plasma Physics</i> , 2021, 61, e202100025. | 1.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | On Langmuir oscillations breaking driven by ion motion and relativistic effects. Physica Scripta, 2021, 96, 035603. | 2.5 | 1 |
| 20 | Effects of collisions on the stability properties of plasma diodes. Journal of Physics: Conference Series, 2019, 1400, 077025. | 0.4 | 0 |
| 21 | Effect of electron collisions on steady states of plasma diodes with an electron potential barrier. Journal of Physics: Conference Series, 2019, 1400, 077033. | 0.4 | 0 |