

Maria Mazzaglia

List of Publications by Year in descending order

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13
papers

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1478505

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Novel Approach to \hat{I}^2 -Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. Universe, 2022, 8, 80. | 2.5 | 19 |
| 2 | Innovative Analytical Method for X-ray Imaging and Space-Resolved Spectroscopy of ECR Plasmas. Condensed Matter, 2022, 7, 5. | 1.8 | 11 |
| 3 | Probing Electron Properties in ECR Plasmas Using X-ray Bremsstrahlung and Fluorescence Emission. Condensed Matter, 2021, 6, 41. | 1.8 | 1 |
| 4 | Plasma heating and innovative microwave launching in ECRIS: models and experiments. Journal of Instrumentation, 2019, 14, C01004-C01004. | 1.2 | 2 |
| 5 | Characterization of ECR plasma by means of radial and axial X-ray diagnostics. Journal of Instrumentation, 2019, 14, C01016-C01016. | 1.2 | 6 |
| 6 | The first measurement of plasma density by means of an interfero-polarimetric setup in a compact ECR-plasma trap. Journal of Instrumentation, 2018, 13, C12020-C12020. | 1.2 | 5 |
| 7 | Multi-diagnostic setup to investigate the two-close-frequency phenomena. Journal of Instrumentation, 2018, 13, C11016-C11016. | 1.2 | 15 |
| 8 | Study of the influence of magnetic field profile on plasma parameters in a simple mirror trap. Journal of Instrumentation, 2018, 13, C11014-C11014. | 1.2 | 2 |
| 9 | Effect of the two-close-frequency heating to the extracted ion beam and to the X-ray flux emitted by the ECR plasma. Journal of Instrumentation, 2018, 13, C12012-C12012. | 1.2 | 12 |
| 10 | High resolution spectropolarimetry: from Astrophysics to ECR plasmas. Journal of Instrumentation, 2018, 13, C11020-C11020. | 1.2 | 4 |
| 11 | The Flexible Plasma Trap (FPT) for the production of overdense plasmas. Journal of Instrumentation, 2017, 12, P07027-P07027. | 1.2 | 18 |
| 12 | Electromagnetic diagnostics of ECR-Ion Sources plasmas: optical/X-ray imaging and spectroscopy. Journal of Instrumentation, 2017, 12, C12047-C12047. | 1.2 | 5 |
| 13 | Modelling RF-plasma interaction in ECR ion sources. EPJ Web of Conferences, 2017, 157, 03054. | 0.3 | 0 |