

Savvas Raptis

List of Publications by Year in descending order

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153
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Classifying Magnetosheath Jets Using MMS: Statistical Properties. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027754. | 2.4 | 27 |
| 2 | Current Sheet Statistics in the Magnetosheath. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, . | 2.8 | 23 |
| 3 | Magnetosheath jet evolution as a function of lifetime: global hybrid-Vlasov simulations compared to MMS observations. <i>Annales Geophysicae</i> , 2021, 39, 289-308. | 1.6 | 15 |
| 4 | Solar Energetic Particle Event occurrence prediction using Solar Flare Soft X-ray measurements and Machine Learning. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 59. | 3.3 | 15 |
| 5 | Downstream high-speed plasma jet generation as a direct consequence of shock reformation. <i>Nature Communications</i> , 2022, 13, 598. | 12.8 | 15 |
| 6 | Classification of Magnetosheath Jets Using Neural Networks and High Resolution OMNI (HRO) Data. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, . | 2.8 | 14 |
| 7 | Causes of Jets in the Quasi-Perpendicular Magnetosheath. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093173. | 4.0 | 10 |
| 8 | On the Generation of Pi2 Pulsations due to Plasma Flow Patterns Around Magnetosheath Jets. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093611. | 4.0 | 9 |
| 9 | Classifying the Magnetosheath Behind the Quasi-Parallel and Quasi-Perpendicular Bow Shock by Local Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029269. | 2.4 | 6 |
| 10 | Helium in the Earth's foreshock: a global Vlasov survey. <i>Annales Geophysicae</i> , 2020, 38, 1081-1099. | 1.6 | 6 |
| 11 | Electron Kinetic Entropy across Quasi-Perpendicular Shocks. <i>Entropy</i> , 2022, 24, 745. | 2.2 | 3 |