

# Stefano Orsini

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

493  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

642  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Exospheric Na distributions along the Mercury orbit with the THEMIS telescope. <i>Icarus</i> , 2021, 355, 114179.  | 2.5 | 10        |
| 2  | BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. <i>Space Science Reviews</i> , 2021, 217, 1.  | 8.1 | 25        |
| 3  | Multiscale Features of the Near-Hermean Environment as Derived Through the Hilbert-Huang Transform. <i>Frontiers in Physics</i> , 2021, 9, .   | 2.1 | 4         |
| 4  | Current state and perspectives of Space Weather science in Italy. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 6.   | 3.3 | 18        |
| 5  | Mercury sodium exospheric emission as a proxy for solar perturbations transit. <i>Scientific Reports</i> , 2018, 8, 928.   | 3.3 | 30        |
| 6  | Towards a Global Unified Model of Europa's Tenuous Atmosphere. <i>Space Science Reviews</i> , 2018, 214, 1.  | 8.1 | 36        |
| 7  | Planetary space weather: scientific aspects and future perspectives. <i>Journal of Space Weather and Space Climate</i> , 2016, 6, A31.   | 3.3 | 38        |
| 8  | Analytical model of Europa's O <sub>2</sub> exosphere. <i>Planetary and Space Science</i> , 2016, 130, 3-13.   | 1.7 | 9         |
| 9  | THEMIS Na exosphere observations of Mercury and their correlation with in-situ magnetic field measurements by MESSENGER. <i>Planetary and Space Science</i> , 2015, 115, 102-109.                | 1.7 | 30        |
| 10 | The H <sub>2</sub> O and O <sub>2</sub> exospheres of Ganymede: The result of a complex interaction between the jovian magnetospheric ions and the icy moon. <i>Icarus</i> , 2015, 245, 306-319. | 2.5 | 52        |
| 11 | The influence of space environment on the evolution of Mercury. <i>Icarus</i> , 2014, 239, 281-290.  | 2.5 | 12        |
| 12 | ELENA microchannel plate detector: absolute detection efficiency for low energy neutral atoms. <i>Optical Engineering</i> , 2013, 52, 051206.  | 1.0 | 4         |
| 13 | Dynamical evolution of sodium anisotropies in the exosphere of Mercury. <i>Planetary and Space Science</i> , 2013, 82-83, 1-10.  | 1.7 | 22        |
| 14 | Exosphere generation of the Moon investigated through a high-energy neutral detector. <i>Experimental Astronomy</i> , 2011, 32, 37-49.   | 3.7 | 2         |
| 15 | The sodium exosphere of Mercury: Comparison between observations during Mercury's transit and model results. <i>Icarus</i> , 2009, 200, 1-11.  | 2.5 | 80        |
| 16 | Processes that Promote and Deplete the Exosphere of Mercury. <i>Space Science Reviews</i> , 2007, 132, 433-509.  | 8.1 | 121       |