

Stefano Livi

List of Publications by Year in descending order

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31
papers

1,368
citations

394421

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times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	MESSENGER Observations of Planetary Ion Enhancements at Mercury's Northern Magnetospheric Cusp During Flux Transfer Event Showers. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	7
2	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.	8.1	26
3	Evolution of Solar Wind Turbulence from 0.1 to 1 au during the First Parker Solar Probe's Solar Orbiter Radial Alignment. <i>Astrophysical Journal Letters</i> , 2021, 912, L21.	8.3	49
4	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	71
5	Flux Transfer Event Showers at Mercury: Dependence on Plasma β^2 and Magnetic Shear and Their Contribution to the Dungey Cycle. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089784.	4.0	23
6	MESSENGER Observations of Disappearing Dayside Magnetosphere Events at Mercury. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6613-6635.	2.4	53
7	Composition of 1-128 keV Magnetospheric ENAs. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2668-2678.	2.4	8
8	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018, 362, .	12.6	27
9	APD Rise Time Measurements for 50-300-keV Ions. <i>IEEE Transactions on Nuclear Science</i> , 2018, 65, 1277-1284.	2.0	0
10	Investigation of the possible effects of comet Encke's meteoroid stream on the Ca exosphere of Mercury. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 1217-1226.	3.6	11
11	Storm time empirical model of O^{+} and O^{6+} distributions in the magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8353-8374.	2.4	18
12	Compact Dual Ion Composition Experiment for space plasmas CoDICE. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6632-6638.	2.4	5
13	Variations of oxygen charge state abundances in the global magnetosphere, as observed by Polar. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1091-1113.	2.4	22
14	Magnetic latitude dependence of oxygen charge states in the global magnetosphere: Insights into solar wind-originating ion injection. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9888-9912.	2.4	16
15	An integrated time-of-flight versus residual energy subsystem for a compact dual ion composition experiment for space plasmas. <i>Review of Scientific Instruments</i> , 2015, 86, 054501.	1.3	6
16	The SupraThermal Ion Monitor for space weather predictions. <i>Review of Scientific Instruments</i> , 2014, 85, 054501.	1.3	5
17	Evolution of electron pitch angle distributions across Saturn's middle magnetospheric region from MIMI/LEMMS. <i>Planetary and Space Science</i> , 2014, 104, 18-28.	1.7	25
18	Monte Carlo simulations of heavy ion sensor measurements including neon, magnesium, silicon, and sulfur. , 2013, , .		0

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19	Properties of energetic particle bursts at dawnside magnetosheath: Cassini observations during the 1999 Earth swing-by. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	8
20	MESSENGER: Exploring Mercury's Magnetosphere. <i>Space Science Reviews</i> , 2007, 131, 133-160.	8.1	55
21	Surface-Exosphere-Magnetosphere System Of Mercury. <i>Space Science Reviews</i> , 2005, 117, 397-443.	8.1	76
22	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. <i>Science</i> , 2005, 307, 1270-1273.	12.6	166
23	Heliospheric energetic particle observations during the October-November 2003 events. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	42
24	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	109
25	The Saturnian plasma sheet as revealed by energetic particle measurements. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	51
26	Evidence of Enceladus and Tethys microsignatures. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	27
27	Low energy electron microsignatures at the orbit of Tethys: Cassini MIMI/LEMMS observations. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	28
28	Magnetosphere Imaging Instrument (MIMI) on the Cassini Mission to Saturn/Titan. <i>Space Science Reviews</i> , 2004, 114, 233-329.	8.1	354
29	Heliospheric energetic particle observations by the Cassini spacecraft: Correlation with 1 AU observations. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	19
30	Energetic particle observations in the vicinity of Jupiter: Cassini MIMI/LEMMS results. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	36
31	Leakage of energetic particles from Jupiter's dusk magnetosphere: Dual spacecraft observations. <i>Geophysical Research Letters</i> , 2002, 29, 26-1-26-4.	4.0	25