

# Stefano Livi

## List of Publications by Year in descending order

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31  
papers

1,368  
citations

394421

19  
h-index

477307

29  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetosphere Imaging Instrument (MIMI) on the Cassini Mission to Saturn/Titan. <i>Space Science Reviews</i> , 2004, 114, 233-329.	8.1	354
2	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. <i>Science</i> , 2005, 307, 1270-1273.	12.6	166
3	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	109
4	Surface-Exosphere-Magnetosphere System Of Mercury. <i>Space Science Reviews</i> , 2005, 117, 397-443.	8.1	76
5	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	71
6	MESSENGER: Exploring Mercury's Magnetosphere. <i>Space Science Reviews</i> , 2007, 131, 133-160.	8.1	55
7	MESSENGER Observations of Disappearing Dayside Magnetosphere Events at Mercury. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6613-6635.	2.4	53
8	The Saturnian plasma sheet as revealed by energetic particle measurements. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	51
9	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
10	Heliospheric energetic particle observations during the October-November 2003 events. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	42
11	Energetic particle observations in the vicinity of Jupiter: Cassini MIMI/LEMMS results. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	36
12	Low energy electron microsignatures at the orbit of Tethys: Cassini MIMI/LEMMS observations. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	28
13	Evidence of Enceladus and Tethys microsignatures. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	27
14	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018, 362, .	12.6	27
15	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.	8.1	26
16	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
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	Flux Transfer Event Showers at Mercury: Dependence on Plasma $\beta$ and Magnetic Shear and Their Contribution to the Dungey Cycle. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089784.	4.0	23

#	ARTICLE	IF	CITATIONS
19	Variations of oxygen charge state abundances in the global magnetosphere, as observed by Polar. Journal of Geophysical Research: Space Physics, 2016, 121, 1091-1113.	2.4	22
20	Heliospheric energetic particle observations by the Cassini spacecraft: Correlation with 1 AU observations. Journal of Geophysical Research, 2004, 109, .	3.3	19
21	Storm time empirical model of O <sup>+</sup> and O <sup>6+</sup> distributions in the magnetosphere. Journal of Geophysical Research: Space Physics, 2017, 122, 8353-8374.	2.4	18
22	Magnetic latitude dependence of oxygen charge states in the global magnetosphere: Insights into solar wind-originating ion injection. Journal of Geophysical Research: Space Physics, 2016, 121, 9888-9912.	2.4	16
23	Investigation of the possible effects of comet Encke's meteoroid stream on the Ca exosphere of Mercury. Journal of Geophysical Research E: Planets, 2017, 122, 1217-1226.	3.6	11
24	Properties of energetic particle bursts at dawnside magnetosheath: Cassini observations during the 1999 Earth swing-by. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	8
25	Composition of 1â€“128ÂkeV Magnetospheric ENAs. Journal of Geophysical Research: Space Physics, 2018, 123, 2668-2678.	2.4	8
26	MESSENGER Observations of Planetary Ion Enhancements at Mercury's Northern Magnetospheric Cusp During Flux Transfer Event Showers. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	7
27	An integrated time-of-flight versus residual energy subsystem for a compact dual ion composition experiment for space plasmas. Review of Scientific Instruments, 2015, 86, 054501.	1.3	6
28	The SupraThermal Ion Monitor for space weather predictions. Review of Scientific Instruments, 2014, 85, 054501.	1.3	5
29	Compact Dual Ion Composition Experiment for space plasmasâ€”CoDICE. Journal of Geophysical Research: Space Physics, 2016, 121, 6632-6638.	2.4	5
30	Monte Carlo simulations of heavy ion sensor measurements including neon, magnesium, silicon, and sulfur. , 2013, , .		0
31	APD Rise Time Measurements for 50â€“300-keV Ions. IEEE Transactions on Nuclear Science, 2018, 65, 1277-1284.	2.0	0