

Richard Leske

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,888
citations

331670

21
h-index

276875

41
g-index

41
all docs

41
docs citations

41
times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton, helium, and electron spectra during the large solar particle events of October-November 2003. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	187
2	RECORD-SETTING COSMIC-RAY INTENSITIES IN 2009 AND 2010. <i>Astrophysical Journal Letters</i> , 2010, 723, L1-L6.	8.3	159
3	Energy Spectra, Composition, and Other Properties of Ground-Level Events During Solar Cycle 23. <i>Space Science Reviews</i> , 2012, 171, 97-120.	8.1	139
4	Integrated Science Investigation of the Sun (ISIS): Design of the Energetic Particle Investigation. <i>Space Science Reviews</i> , 2016, 204, 187-256.	8.1	139
5	Spectral Properties of He and Heavy Ions in ^3He -rich Solar Flares. <i>Astrophysical Journal</i> , 2002, 574, 1039-1058.	4.5	107
6	Probing the energetic particle environment near the Sun. <i>Nature</i> , 2019, 576, 223-227.	27.8	103
7	The Low-Energy Telescope (LET) and SEP Central Electronics for the STEREO Mission. <i>Space Science Reviews</i> , 2008, 136, 285-362.	8.1	101
8	The High Energy Telescope for STEREO. <i>Space Science Reviews</i> , 2008, 136, 391-435.	8.1	96
9	Charge states of solar energetic particles using the geomagnetic cutoff technique: SAMPEX measurements in the 6 November 1997 solar particle event. <i>Geophysical Research Letters</i> , 1999, 26, 173-176.	4.0	89
10	New observations of heavy-ion-rich solar particle events from ACE. <i>Geophysical Research Letters</i> , 1999, 26, 2697-2700.	4.0	89
11	Particle acceleration and sources in the November 1997 solar energetic particle events. <i>Geophysical Research Letters</i> , 1999, 26, 141-144.	4.0	72
12	Heavy ion abundances and spectra from the large solar energetic particle events of October-November 2003. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	71
13	INTERPLANETARY PROPAGATION OF SOLAR ENERGETIC PARTICLE HEAVY IONS OBSERVED AT 1 AU AND THE ROLE OF ENERGY SCALING. <i>Astrophysical Journal</i> , 2012, 761, 104.	4.5	45
14	STEREO OBSERVATIONS OF ENERGETIC NEUTRAL HYDROGEN ATOMS DURING THE 2006 DECEMBER 5 SOLAR FLARE. <i>Astrophysical Journal</i> , 2009, 693, L11-L15.	4.5	40
15	Solar Energetic Particles Produced by a Slow Coronal Mass Ejection at ~ 0.25 au. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 29.	7.7	35
16	Anomalous and Galactic Cosmic Rays at 1 AU During the Cycle 23/24 Solar Minimum. <i>Space Science Reviews</i> , 2013, 176, 253-263.	8.1	34
17	Energetic Particle Increases Associated with Stream Interaction Regions. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 20.	7.7	31
18	Properties of Suprathermal-through-energetic He Ions Associated with Stream Interaction Regions Observed over the Parker Solar Probe's First Two Orbits. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 56.	7.7	29

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19	³ He-rich Solar Energetic Particle Observations at the Parker Solar Probe and near Earth. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 42.	7.7	27
20	Observations of the 2019 April 4 Solar Energetic Particle Event at the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 35.	7.7	27
21	Small, Low-energy, Dispersive Solar Energetic Particle Events Observed by <i>Parker Solar Probe</i> . <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 65.	7.7	23
22	Event-to-event variations in the isotopic composition of neon in solar energetic particle events. <i>Geophysical Research Letters</i> , 1999, 26, 2693-2696.	4.0	21
23	Seed Population Preconditioning and Acceleration Observed by the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 33.	7.7	21
24	Magnetic field line random walk and solar energetic particle path lengths. <i>Astronomy and Astrophysics</i> , 2021, 650, A26.	5.1	20
25	Elemental Fractionation in Small Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2003, 594, 592-604.	4.5	18
26	Energetic Particle Observations from the Parker Solar Probe Using Combined Energy Spectra from the ISÅŠ™IS Instrument Suite. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 41.	7.7	17
27	Anomalous Cosmic Rays and Heliospheric Energetic Particles. <i>Space Science Reviews</i> , 2022, 218, 22.	8.1	16
28	Unusual isotopic composition of solar energetic particles observed in the November 6, 1997 event. <i>Geophysical Research Letters</i> , 1999, 26, 153-156.	4.0	15
29	A new view of energetic particles from stream interaction regions observed by Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A24.	5.1	15
30	PSP/ISÅŠ™IS observations of the 29 November 2020 solar energetic particle event. <i>Astronomy and Astrophysics</i> , 2021, 656, A29.	5.1	15
31	Influence of Solar Disturbances on Galactic Cosmic Rays in the Solar Wind, Heliosheath, and Local Interstellar Medium: Advanced Composition Explorer, New Horizons, and Voyager Observations. <i>Astrophysical Journal</i> , 2020, 905, 69.	4.5	15
32	Time evolution of stream interaction region energetic particle spectra in the inner heliosphere. <i>Astronomy and Astrophysics</i> , 2021, 650, L5.	5.1	14
33	Parker Solar Probe observations of He/H abundance variations in SEP events inside 0.5 au. <i>Astronomy and Astrophysics</i> , 2021, 650, A23.	5.1	13
34	Anomalous Cosmic-Ray Oxygen Observations into 0.1 au. <i>Astrophysical Journal</i> , 2022, 925, 9.	4.5	12
35	First Observations of Anomalous Cosmic Rays in to 36 Solar Radii. <i>Astrophysical Journal</i> , 2021, 912, 139.	4.5	10
36	Small Electron Events Observed by Parker Solar Probe/ISÅŠ™IS during Encounter 2. <i>Astrophysical Journal</i> , 2020, 902, 20.	4.5	9

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37	Evidence for Energetic Neutral Hydrogen Emission from Solar Particle Events. <i>Astrophysical Journal</i> , 2021, 923, 195.	4.5	4
38	Thin silicon solid-state detectors for energetic particle measurements. <i>Astronomy and Astrophysics</i> , 2021, 650, A27.	5.1	3
39	Suprathermal Ion Energy Spectra and Anisotropies near the Heliospheric Current Sheet Crossing Observed by the Parker Solar Probe during Encounter 7. <i>Astrophysical Journal</i> , 2022, 927, 62.	4.5	3
40	Variable Ion Compositions of Solar Energetic Particle Events in the Inner Heliosphere: A Field Line Braiding Model with Compound Injections. <i>Astrophysical Journal</i> , 2022, 924, 22.	4.5	2
41	First Measurements of Jovian Electrons by Parker Solar Probe/IS TM IS within 0.5 au of the Sun. <i>Astrophysical Journal</i> , 2022, 933, 171.	4.5	2