

# Richard Leske

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,888  
citations

331538

21  
h-index

276775

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1412  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Anomalous Cosmic-Ray Oxygen Observations into 0.1 au. <i>Astrophysical Journal</i> , 2022, 925, 9.   | 1.6 | 12        |
| 2  | 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.         | 1.6 | 2         |
| 3  | 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. | 1.6 | 3         |
| 4  | Anomalous Cosmic Rays and Heliospheric Energetic Particles. <i>Space Science Reviews</i> , 2022, 218, 22.  | 3.7 | 16        |
| 5  | First Measurements of Jovian Electrons by Parker Solar Probe/ISÅ™IS within 0.5 au of the Sun. <i>Astrophysical Journal</i> , 2022, 933, 171.   | 1.6 | 2         |
| 6  | First Observations of Anomalous Cosmic Rays in to 36 Solar Radii. <i>Astrophysical Journal</i> , 2021, 912, 139.   | 1.6 | 10        |
| 7  | Thin silicon solid-state detectors for energetic particle measurements. <i>Astronomy and Astrophysics</i> , 2021, 650, A27.  | 2.1 | 3         |
| 8  | Parker Solar Probe observations of He/H abundance variations in SEP events inside 0.5 au. <i>Astronomy and Astrophysics</i> , 2021, 650, A23.  | 2.1 | 13        |
| 9  | Magnetic field line random walk and solar energetic particle path lengths. <i>Astronomy and Astrophysics</i> , 2021, 650, A26.   | 2.1 | 20        |
| 10 | A new view of energetic particles from stream interaction regions observed by Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A24.  | 2.1 | 15        |
| 11 | Time evolution of stream interaction region energetic particle spectra in the inner heliosphere. <i>Astronomy and Astrophysics</i> , 2021, 650, L5.  | 2.1 | 14        |
| 12 | PSP/ISÅ™IS observations of the 29 November 2020 solar energetic particle event. <i>Astronomy and Astrophysics</i> , 2021, 656, A29.  | 2.1 | 15        |
| 13 | Evidence for Energetic Neutral Hydrogen Emission from Solar Particle Events. <i>Astrophysical Journal</i> , 2021, 923, 195.  | 1.6 | 4         |
| 14 | Small, Low-energy, Dispersive Solar Energetic Particle Events Observed by <i>Parker Solar Probe</i>. <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 65.                              | 3.0 | 23        |
| 15 | Solar Energetic Particles Produced by a Slow Coronal Mass Ejection at $\approx 0.25$ au. <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 29.  | 3.0 | 35        |
| 16 | Energetic Particle Observations from the Parker Solar Probe Using Combined Energy Spectra from the ISÅ™IS Instrument Suite. <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 41.       | 3.0 | 17        |
| 17 | <sup>3</sup> He-rich Solar Energetic Particle Observations at the Parker Solar Probe and near Earth. <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 42.                              | 3.0 | 27        |
| 18 | Energetic Particle Increases Associated with Stream Interaction Regions. <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 20.  | 3.0 | 31        |

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|----|---|------|-----------|
| 19 | Seed Population Preconditioning and Acceleration Observed by the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 33.   | 3.0  | 21        |
| 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.   | 3.0  | 27        |
| 21 | 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.                   | 3.0  | 29        |
| 22 | Small Electron Events Observed by Parker Solar Probe/ISÅ™IS during Encounter 2. <i>Astrophysical Journal</i> , 2020, 902, 20.   | 1.6  | 9         |
| 23 | 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. | 1.6  | 15        |
| 24 | Probing the energetic particle environment near the Sun. <i>Nature</i> , 2019, 576, 223-227.  | 13.7 | 103       |
| 25 | Integrated Science Investigation of the Sun (ISIS): Design of the Energetic Particle Investigation. <i>Space Science Reviews</i> , 2016, 204, 187-256.  | 3.7  | 139       |
| 26 | Anomalous and Galactic Cosmic Rays at 1 AU During the Cycle 23/24 Solar Minimum. <i>Space Science Reviews</i> , 2013, 176, 253-263.   | 3.7  | 34        |
| 27 | Energy Spectra, Composition, and Other Properties of Ground-Level Events During Solar Cycle 23. <i>Space Science Reviews</i> , 2012, 171, 97-120.   | 3.7  | 139       |
| 28 | 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.   | 1.6  | 45        |
| 29 | RECORD-SETTING COSMIC-RAY INTENSITIES IN 2009 AND 2010. <i>Astrophysical Journal Letters</i> , 2010, 723, L1-L6.  | 3.0  | 159       |
| 30 | STEREO OBSERVATIONS OF ENERGETIC NEUTRAL HYDROGEN ATOMS DURING THE 2006 DECEMBER 5 SOLAR FLARE. <i>Astrophysical Journal</i> , 2009, 693, L11-L15.  | 1.6  | 40        |
| 31 | The Low-Energy Telescope (LET) and SEP Central Electronics for the STEREO Mission. <i>Space Science Reviews</i> , 2008, 136, 285-362.   | 3.7  | 101       |
| 32 | The High Energy Telescope for STEREO. <i>Space Science Reviews</i> , 2008, 136, 391-435.  | 3.7  | 96        |
| 33 | 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        |
| 34 | 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       |
| 35 | Elemental Fractionation in Small Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2003, 594, 592-604.  | 1.6  | 18        |
| 36 | Spectral Properties of He and Heavy Ions in He-rich Solar Flares. <i>Astrophysical Journal</i> , 2002, 574, 1039-1058.  | 1.6  | 107       |

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|----|--|-----|-----------|
| 37 | 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. | 1.5 | 89        |
| 38 | Unusual isotopic composition of solar energetic particles observed in the November 6, 1997 event. <i>Geophysical Research Letters</i> , 1999, 26, 153-156.   | 1.5 | 15        |
| 39 | Particle acceleration and sources in the November 1997 solar energetic particle events. <i>Geophysical Research Letters</i> , 1999, 26, 141-144.   | 1.5 | 72        |
| 40 | New observations of heavy-ion-rich solar particle events from ACE. <i>Geophysical Research Letters</i> , 1999, 26, 2697-2700.  | 1.5 | 89        |
| 41 | Event-to-event variations in the isotopic composition of neon in solar energetic particle events. <i>Geophysical Research Letters</i> , 1999, 26, 2693-2696.   | 1.5 | 21        |