

Guillermo Stenborg

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,085
citations

394286
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docs citations

46
times ranked

1482
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Clouds of Spacecraft Debris Liberated by Hypervelocity Dust Impacts on Parker Solar Probe. <i>Astrophysical Journal</i> , 2022, 925, 27. | 1.6 | 8 |
| 2 | Parker Solar Probe Imaging of the Night Side of Venus. <i>Geophysical Research Letters</i> , 2022, 49, . | 1.5 | 12 |
| 3 | The Hyper-inflation Stage in the Coronal Mass Ejection Formation: A Missing Link That Connects Flares, Coronal Mass Ejections, and Shocks in the Low Corona. <i>Astrophysical Journal</i> , 2022, 931, 141. | 1.6 | 4 |
| 4 | PSP/WISPR Observations of Dust Density Depletion near the Sun. II. New Insights from within the Depletion Zone. <i>Astrophysical Journal</i> , 2022, 932, 75. | 1.6 | 8 |
| 5 | Fine Structures of the Inner Solar Corona and the Associated Magnetic Topology. <i>Astrophysical Journal</i> , 2022, 933, 95. | 1.6 | 1 |
| 6 | Pristine PSP/WISPR Observations of the Circumsolar Dust Ring near Venus's Orbit. <i>Astrophysical Journal</i> , 2021, 910, 157. | 1.6 | 12 |
| 7 | PSP/WISPR observations of dust density depletion near the Sun. <i>Astronomy and Astrophysics</i> , 2021, 650, A28. | 2.1 | 16 |
| 8 | In-flight Calibration and Data Reduction for the WISPR Instrument On Board the PSP Mission. <i>Solar Physics</i> , 2021, 296, 1. | 1.0 | 12 |
| 9 | Predicting the Time of Arrival of Coronal Mass Ejections at Earth From Heliospheric Imaging Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027885. | 0.8 | 5 |
| 10 | Analysis of Large Deflections of Prominenceâ€“CME Events during the Rising Phase of Solar Cycle 24. <i>Solar Physics</i> , 2020, 295, 1. | 1.0 | 13 |
| 11 | Simulating White-Light Images of Coronal Structures for Parker Solar Probe/WISPR: Study of the Total Brightness Profiles. <i>Solar Physics</i> , 2020, 295, 1. | 1.0 | 8 |
| 12 | Modeling the Early Evolution of a Slow Coronal Mass Ejection Imaged by the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 72. | 3.0 | 21 |
| 13 | Parker Solar Probe Observations of a Dust Trail in the Orbit of (3200) Phaethon. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 64. | 3.0 | 17 |
| 14 | Relating Streamer Flows to Density and Magnetic Structures at the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 37. | 3.0 | 52 |
| 15 | Detailed Imaging of Coronal Rays with the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 60. | 3.0 | 21 |
| 16 | WISPR Imaging of a Pristine CME. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 25. | 3.0 | 31 |
| 17 | Morphological Reconstruction of a Small Transient Observed by Parker Solar Probe on 2018 November 5. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 28. | 3.0 | 17 |
| 18 | Evidence for a Circumsolar Dust Ring Near Mercuryâ€™s Orbit. <i>Astrophysical Journal</i> , 2018, 868, 74. | 1.6 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Characterization of the White-light Brightness of the F-corona between 5° and 24° Elongation. <i>Astrophysical Journal</i> , 2018, 862, 168. | 1.6 | 23 |
| 20 | Measuring the Flattening of the Outer F-corona Using STEREO-A/HI-1 Images. <i>Astrophysical Journal</i> , 2018, 864, 29. | 1.6 | 6 |
| 21 | How Reliable Are the Properties of Coronal Mass Ejections Measured from a Single Viewpoint?. <i>Astrophysical Journal</i> , 2018, 863, 57. | 1.6 | 27 |
| 22 | A Heuristic Approach to Remove the Background Intensity on White-light Solar Images. I. STEREO/HI-1 Heliospheric Images. <i>Astrophysical Journal</i> , 2017, 839, 68. | 1.6 | 16 |
| 23 | Multi-viewpoint Coronal Mass Ejection Catalog Based on STEREO COR2 Observations. <i>Astrophysical Journal</i> , 2017, 838, 141. | 1.6 | 77 |
| 24 | The Evolution of the Surface of Symmetry of the Interplanetary Dust from 24° to 5° Elongation. <i>Astrophysical Journal</i> , 2017, 848, 57. | 1.6 | 11 |
| 25 | Pseudo-automatic Determination of Coronal Mass Ejections' Kinematics in 3D. <i>Astrophysical Journal</i> , 2017, 842, 134. | 1.6 | 9 |
| 26 | Magnetic Flux Rope Shredding By a Hyperbolic Flux Tube: The Detrimental Effects of Magnetic Topology on Solar Eruptions. <i>Astrophysical Journal</i> , 2017, 843, 93. | 1.6 | 16 |
| 27 | Pseudo-automatic characterization of the morphological and kinematical properties of coronal mass ejections using a texture-based technique. <i>Advances in Space Research</i> , 2013, 51, 1949-1965. | 1.2 | 7 |
| 28 | DIRECT EVIDENCE FOR A FAST CORONAL MASS EJECTION DRIVEN BY THE PRIOR FORMATION AND SUBSEQUENT DESTABILIZATION OF A MAGNETIC FLUX ROPE. <i>Astrophysical Journal</i> , 2013, 764, 125. | 1.6 | 172 |
| 29 | On the dynamics of eruptive prominences. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 179-183. | 0.0 | 0 |
| 30 | Magnetic Topology of Active Regions and Coronal Holes: Implications for Coronal Outflows and the Solar Wind. <i>Solar Physics</i> , 2012, 281, 237-262. | 1.0 | 58 |
| 31 | DERIVING THE PHYSICAL PARAMETERS OF A SOLAR EJECTION WITH AN ISOTROPIC MAGNETOHYDRODYNAMIC EVOLUTIONARY MODEL. <i>Astrophysical Journal</i> , 2011, 741, 47. | 1.6 | 8 |
| 32 | THE FIRST OBSERVATION OF A RAPIDLY ROTATING CORONAL MASS EJECTION IN THE MIDDLE CORONA. <i>Astrophysical Journal Letters</i> , 2011, 733, L23. | 3.0 | 98 |
| 33 | THE TEMPERATURE DEPENDENCE OF SOLAR ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 727, 58. | 1.6 | 60 |
| 34 | INTERPRETING THE PROPERTIES OF SOLAR ENERGETIC PARTICLE EVENTS BY USING COMBINED IMAGING AND MODELING OF INTERPLANETARY SHOCKS. <i>Astrophysical Journal</i> , 2011, 735, 7. | 1.6 | 92 |
| 35 | Observing the reconnection region in a transequatorial loop system. <i>Research in Astronomy and Astrophysics</i> , 2011, 11, 1209-1228. | 0.7 | 6 |
| 36 | THE GENESIS OF AN IMPULSIVE CORONAL MASS EJECTION OBSERVED AT ULTRA-HIGH CADENCE BY AIA ON <i>SDO</i>. <i>Astrophysical Journal Letters</i> , 2010, 724, L188-L193. | 3.0 | 92 |

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|----|---|-----|-----------|
| 37 | A RECONNECTING CURRENT SHEET IMAGED IN A SOLAR FLARE. <i>Astrophysical Journal Letters</i> , 2010, 723, L28-L33. | 3.0 | 74 |
| 38 | Detection and tracking of coronal mass ejections based on supervised segmentation and level set. <i>Pattern Recognition Letters</i> , 2010, 31, 496-501. | 2.6 | 9 |
| 39 | On the 3-D reconstruction of Coronal Mass Ejections using coronagraph data. <i>Annales Geophysicae</i> , 2010, 28, 203-215. | 0.6 | 119 |
| 40 | The SOHO/LASCO CME Catalog. <i>Earth, Moon and Planets</i> , 2009, 104, 295-313. | 0.3 | 451 |
| 41 | What Is the Nature of EUV Waves? First STEREO 3D Observations and Comparison with Theoretical Models. <i>Solar Physics</i> , 2009, 259, 49-71. | 1.0 | 90 |
| 42 | Heliospheric Images of the Solar Wind at Earth. <i>Astrophysical Journal</i> , 2008, 675, 853-862. | 1.6 | 127 |
| 43 | A Fresh View of the Extremeâ€Ultraviolet Corona from the Application of a New Imageâ€Processing Technique. <i>Astrophysical Journal</i> , 2008, 674, 1201-1206. | 1.6 | 74 |
| 44 | SECCHI Observations of the Sun's Garden-Hose Density Spiral. <i>Astrophysical Journal</i> , 2008, 674, L109-L112. | 1.6 | 61 |
| 45 | Characterization of Intensity Variations Along Fe XIV Coronal Loops â€“ A Case Study. <i>Solar Physics</i> , 2004, 222, 229-245. | 1.0 | 8 |
| 46 | Title is missing!. <i>Space Science Reviews</i> , 1999, 87, 303-306. | 3.7 | 19 |