

# Dusan Odstrcil

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,280  
citations

257101

24  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing the Heliospheric Cataloging, Analysis, and Techniques Service (HELCASTS) Manual and Automatic Catalogues of Coronal Mass Ejections Using Solar Terrestrial Relations Observatory/Heliospheric Imager (STEREO/HI) Data. <i>Solar Physics</i> , 2022, 297, 1.	1.0	3
2	First Measurements of Jovian Electrons by Parker Solar Probe/IS <sup>TM</sup> IS within 0.5 au of the Sun. <i>Astrophysical Journal</i> , 2022, 933, 171.	1.6	2
3	BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	25
4	The Streamer Blowout Origin of a Flux Rope and Energetic Particle Event Observed by Parker Solar Probe at 0.5 au. <i>Astrophysical Journal</i> , 2020, 897, 134.	1.6	14
5	CMEs in the Heliosphere: III. A Statistical Analysis of the Kinematic Properties Derived from Stereoscopic Geometrical Modelling Techniques Applied to CMEs Detected in the Heliosphere from 2008 to 2014 by STEREO/HI-1. <i>Solar Physics</i> , 2020, 295, 1.	1.0	13
6	Operational Modeling of Heliospheric Space Weather for the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 73.	3.0	15
7	CMEs in the Heliosphere: II. A Statistical Analysis of the Kinematic Properties Derived from Single-Spacecraft Geometrical Modelling Techniques Applied to CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1. <i>Solar Physics</i> , 2019, 294, 1.	1.0	25
8	CMEs in the Heliosphere: I. A Statistical Analysis of the Observational Properties of CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1. <i>Solar Physics</i> , 2018, 293, 1.	1.0	36
9	Shock Connectivity and the Late Cycle 24 Solar Energetic Particle Events in July and September 2017. <i>Space Weather</i> , 2018, 16, 557-568.	1.3	34
10	Modeling solar energetic particle events using ENLIL heliosphere simulations. <i>Space Weather</i> , 2017, 15, 934-954.	1.3	35
11	Interplanetary coronal mass ejection observed at STEREO, Mars, comet 67P/Churyumov-Gerasimenko, Saturn, and New Horizons en route to Pluto: Comparison of its Forbush decreases at 1.4, 3.1, and 9.9 AU. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7865-7890.	0.8	87
12	Mars plasma system response to solar wind disturbances during solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6611-6634.	0.8	24
13	Validation for global solar wind prediction using Ulysses comparison: Multiple coronal and heliospheric models installed at the Community Coordinated Modeling Center. <i>Space Weather</i> , 2016, 14, 592-611.	1.3	38
14	Ensemble Modeling of the 23 July 2012 Coronal Mass Ejection. <i>Space Weather</i> , 2015, 13, 611-625.	1.3	49
15	Theoretical basis for operational ensemble forecasting of coronal mass ejections. <i>Space Weather</i> , 2015, 13, 676-697.	1.3	26
16	Validation for solar wind prediction at Earth: Comparison of coronal and heliospheric models installed at the CCMC. <i>Space Weather</i> , 2015, 13, 316-338.	1.3	85
17	The UCSD kinematic IPS solar wind boundary and its use in the ENLIL MHD prediction model. <i>Space Weather</i> , 2015, 13, 104-115.	1.3	41
18	THE THOMSON SURFACE. III. TRACKING FEATURES IN 3D. <i>Astrophysical Journal</i> , 2013, 765, 45.	1.6	27

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19	AN ANALYSIS OF THE ORIGIN AND PROPAGATION OF THE MULTIPLE CORONAL MASS EJECTIONS OF 2010 AUGUST 1. <i>Astrophysical Journal</i> , 2012, 750, 45.	1.6	82
20	MULTI-POINT SHOCK AND FLUX ROPE ANALYSIS OF MULTIPLE INTERPLANETARY CORONAL MASS EJECTIONS AROUND 2010 AUGUST 1 IN THE INNER HELIOSPHERE. <i>Astrophysical Journal</i> , 2012, 758, 10.	1.6	109
21	Wang & Sheeley's Enlil Cone Model Transitions to Operations. <i>Space Weather</i> , 2011, 9, .	1.3	79
22	Numerical Heliospheric Simulations as Assisting Tool for Interpretation of Observations by STEREO Heliospheric Imagers. <i>Solar Physics</i> , 2009, 259, 297-309.	1.0	57
23	A heliospheric simulation-based approach to SEP source and transport modeling. <i>Advances in Space Research</i> , 2007, 40, 295-303.	1.2	32
24	Propagation of the 12 May 1997 interplanetary coronal mass ejection in evolving solar wind structures. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	125
25	Stream structure and coronal sources of the solar wind during the May 12th, 1997 CME. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 1295-1309.	0.6	272
26	Numerical simulation of the 12 May 1997 interplanetary CME event. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	244
27	Improved Method for Specifying Solar Wind Speed Near the Sun. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	145
28	Three-dimensional propagation of coronal mass ejections (CMEs) in a structured solar wind flow: 1. CME launched within the streamer belt. <i>Journal of Geophysical Research</i> , 1999, 104, 483-492.	3.3	209
29	Propagation of an interplanetary shock along the heliospheric plasma sheet. <i>Journal of Geophysical Research</i> , 1996, 101, 19973-19986.	3.3	70
30	Comparison of Some Flux Corrected Transport and Total Variation Diminishing Numerical Schemes for Hydrodynamic and Magnetohydrodynamic Problems. <i>Journal of Computational Physics</i> , 1996, 128, 82-100.	1.9	277