

Christina Kay

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

611
citations

623734

14
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	OSPREDI: A Coupled Approach to Modeling CME-Driven Space Weather With Automatically Generated, User-Friendly Outputs. <i>Space Weather</i> , 2022, 20, e2021SW002914.	3.7	9
2	Modeling Interplanetary Expansion and Deformation of CMEs With ANTEATR&PARADE: Relative Contribution of Different Forces. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028911.	2.4	16
3	Modeling Interplanetary Expansion and Deformation of Coronal Mass Ejections With ANTEATR&PARADE: Sensitivity to Input Parameters. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028966.	2.4	7
4	SunCET: The Sun Coronal Ejection Tracker Concept. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 20.	3.3	11
5	Predicting the Magnetic Fields of a Stealth CME Detected by Parker Solar Probe at 0.5 au. <i>Astrophysical Journal</i> , 2021, 920, 65.	4.5	17
6	Identifying Critical Input Parameters for Improving Drag&CBased CME Arrival Time Predictions. <i>Space Weather</i> , 2020, 18, e2019SW002382.	3.7	26
7	FIDO&SIT: The First Forward Model for the In Situ Magnetic Field of CME-Driven Sheaths. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027423.	2.4	8
8	CME&HSS Interaction and Characteristics Tracked from Sun to Earth. <i>Solar Physics</i> , 2019, 294, 121.	2.5	40
9	CME deflections due to magnetic forces from the Sun and Kepler-63. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 421-425.	0.0	1
10	Frequency of Coronal Mass Ejection Impacts with Early Terrestrial Planets and Exoplanets around Active Solar-like Stars. <i>Astrophysical Journal Letters</i> , 2019, 886, L37.	8.3	21
11	Magnetic Field Magnitude Modification for a Force-free Magnetic Cloud Model. <i>Solar Physics</i> , 2018, 293, 1.	2.5	4
12	The Effects of Uncertainty in Initial CME Input Parameters on Deflection, Rotation, B_z , and Arrival Time Predictions. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7220-7240.	2.4	30
13	Predicting the Magnetic Field of Earth-impacting CMEs. <i>Astrophysical Journal</i> , 2017, 835, 117.	4.5	36
14	The Deflection of the Cartwheel CME: ForeCAT Results. <i>Astrophysical Journal</i> , 2017, 839, 37.	4.5	8
15	Deflection and Rotation of CMEs from Active Region 11158. <i>Solar Physics</i> , 2017, 292, 1.	2.5	32
16	Using the Coronal Evolution to Successfully Forward Model CMEs' In Situ Magnetic Profiles. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,810.	2.4	17
17	Deflection and Rotation of CMEs from Active Region 11158. , 2017, , 137-151.		0
18	PROBABILITY OF CME IMPACT ON EXOPLANETS ORBITING M DWARFS AND SOLAR-LIKE STARS. <i>Astrophysical Journal</i> , 2016, 826, 195.	4.5	54

#	ARTICLE	IF	CITATIONS
19	USING ForeCAT DEFLECTIONS AND ROTATIONS TO CONSTRAIN THE EARLY EVOLUTION OF CMEs. Astrophysical Journal, 2016, 827, 70.	4.5	25
20	THE HELIOCENTRIC DISTANCE WHERE THE DEFLECTIONS AND ROTATIONS OF SOLAR CORONAL MASS EJECTIONS OCCUR. Astrophysical Journal Letters, 2015, 811, L36.	8.3	49
21	CONSTRAINING THE MASSES AND THE NON-RADIAL DRAG COEFFICIENT OF A SOLAR CORONAL MASS EJECTION. Astrophysical Journal Letters, 2015, 801, L21.	8.3	17
22	GLOBAL TRENDS OF CME DEFLECTIONS BASED ON CME AND SOLAR PARAMETERS. Astrophysical Journal, 2015, 805, 168.	4.5	94
23	FORECASTING A CORONAL MASS EJECTION'S ALTERED TRAJECTORY: ForeCAT. Astrophysical Journal, 2013, 775, 5.	4.5	89