

Christina Kay

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

611
citations

623734

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706
citing authors

#	ARTICLE	IF	CITATIONS
1	GLOBAL TRENDS OF CME DEFLECTIONS BASED ON CME AND SOLAR PARAMETERS. <i>Astrophysical Journal</i> , 2015, 805, 168.	4.5	94
2	FORECASTING A CORONAL MASS EJECTION'S ALTERED TRAJECTORY: ForeCAT. <i>Astrophysical Journal</i> , 2013, 775, 5.	4.5	89
3	PROBABILITY OF CME IMPACT ON EXOPLANETS ORBITING M DWARFS AND SOLAR-LIKE STARS. <i>Astrophysical Journal</i> , 2016, 826, 195.	4.5	54
4	THE HELIOCENTRIC DISTANCE WHERE THE DEFLECTIONS AND ROTATIONS OF SOLAR CORONAL MASS EJECTIONS OCCUR. <i>Astrophysical Journal Letters</i> , 2015, 811, L36.	8.3	49
5	CMEs' HSS Interaction and Characteristics Tracked from Sun to Earth. <i>Solar Physics</i> , 2019, 294, 121.	2.5	40
6	Predicting the Magnetic Field of Earth-impacting CMEs. <i>Astrophysical Journal</i> , 2017, 835, 117.	4.5	36
7	Deflection and Rotation of CMEs from Active Region 11158. <i>Solar Physics</i> , 2017, 292, 1.	2.5	32
8	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
9	Identifying Critical Input Parameters for Improving Drag-Based CME Arrival Time Predictions. <i>Space Weather</i> , 2020, 18, e2019SW002382.	3.7	26
10	USING ForeCAT DEFLECTIONS AND ROTATIONS TO CONSTRAIN THE EARLY EVOLUTION OF CMEs. <i>Astrophysical Journal</i> , 2016, 827, 70.	4.5	25
11	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
12	CONSTRAINING THE MASSES AND THE NON-RADIAL DRAG COEFFICIENT OF A SOLAR CORONAL MASS EJECTION. <i>Astrophysical Journal Letters</i> , 2015, 801, L21.	8.3	17
13	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
14	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
15	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
16	SunCET: The Sun Coronal Ejection Tracker Concept. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 20.	3.3	11
17	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
18	The Deflection of the Cartwheel CME: ForeCAT Results. <i>Astrophysical Journal</i> , 2017, 839, 37.	4.5	8

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19	FIDOâ€ˆSIT: The First Forward Model for the In Situ Magnetic Field of CMEâ€ˆDriven Sheaths. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027423.	2.4	8
20	Modeling Interplanetary Expansion and Deformation of Coronal Mass Ejections With ANTEATRâ€ˆPARADE: Sensitivity to Input Parameters. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028966.	2.4	7
21	Magnetic Field Magnitude Modification for a Force-free Magnetic Cloud Model. Solar Physics, 2018, 293, 1.	2.5	4
22	CME deflections due to magnetic forces from the Sun and Kepler-63. Proceedings of the International Astronomical Union, 2019, 15, 421-425.	0.0	1
23	Deflection and Rotation of CMEs from Active Region 11158. , 2017, , 137-151.		0