

Frédéric Auchère

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

340
citations

1162367

8
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Metis: the Solar Orbiter visible light and ultraviolet coronal imager. <i>Astronomy and Astrophysics</i> , 2020, 642, A10.	2.1	115
2	Chromospheric Lyman-alpha spectro-polarimeter (CLASP). <i>Proceedings of SPIE</i> , 2012, , .	0.8	45
3	The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain. <i>Astrophysical Journal</i> , 2018, 853, 176.	1.6	29
4	The Magnetic Origin of Solar Campfires. <i>Astrophysical Journal Letters</i> , 2021, 921, L20.	3.0	29
5	Global helium abundance measurements in the solar corona. <i>Nature Astronomy</i> , 2020, 4, 1134-1139.	4.2	25
6	Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiterâ€Parker Solar Probe Quadrature. <i>Astrophysical Journal Letters</i> , 2021, 920, L14.	3.0	25
7	Vacuum ultraviolet spectropolarimeter design for precise polarization measurements. <i>Applied Optics</i> , 2015, 54, 2080.	0.9	24
8	HECOR: a HELium CORonagraphy aboard the Herschel sounding rocket. , 2007, , .		11
9	High-frequency Wave Propagation Along a Spicule Observed by CLASP. <i>Astrophysical Journal</i> , 2019, 887, 2.	1.6	9
10	CLASP/SJ Observations of Rapid Time Variations in the LyÎ± Emission in a Solar Active Region. <i>Astrophysical Journal</i> , 2017, 846, 127.	1.6	8
11	Spectroscopic detection of coronal plasma flows in loops undergoing thermal non-equilibrium cycles. <i>Astronomy and Astrophysics</i> , 2020, 634, A54.	2.1	8
12	Validation of a Wave Heated 3D MHD Coronal-wind Model using Polarized Brightness and EUV Observations. <i>Astrophysical Journal</i> , 2022, 929, 75.	1.6	8
13	Innovative designs for the imaging suite on Solar Orbiter. , 2005, , .		2
14	Comprehensive Determination of the Hinode/EIS Roll Angle. <i>Solar Physics</i> , 2019, 294, 1.	1.0	2