

Ilaria Ermolli

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

399
citations

758635

12
h-index

794141

19
g-index

27
all docs

27
docs citations

27
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Cycle Indices from the Photosphere to the Corona: Measurements and Underlying Physics. <i>Space Science Reviews</i> , 2014, 186, 105-135.	3.7	45
2	Analysis of full disc Ca II K spectroheliograms. <i>Astronomy and Astrophysics</i> , 2019, 625, A69.	2.1	41
3	Analysis of full-disc Ca II K spectroheliograms. <i>Astronomy and Astrophysics</i> , 2020, 639, A88.	2.1	32
4	Recovering the unsigned photospheric magnetic field from Ca II K observations. <i>Astronomy and Astrophysics</i> , 2019, 626, A114.	2.1	26
5	Polarized Kink Waves in Magnetic Elements: Evidence for Chromospheric Helical Waves. <i>Astrophysical Journal</i> , 2017, 840, 19.	1.6	25
6	Analysis of full disc Ca II K spectroheliograms. <i>Astronomy and Astrophysics</i> , 2018, 609, A92.	2.1	25
7	THE INTENSITY PROFILE OF THE SOLAR SUPERGRANULATION. <i>Astrophysical Journal</i> , 2009, 707, 67-73.	1.6	24
8	Propagating Spectropolarimetric Disturbances in a Large Sunspot. <i>Astrophysical Journal</i> , 2018, 869, 110.	1.6	22
9	Magnetohydrodynamic Nonlinearities in Sunspot Atmospheres: Chromospheric Detections of Intermediate Shocks. <i>Astrophysical Journal</i> , 2020, 892, 49.	1.6	22
10	Delving into the Historical Ca ii K Archive from the Kodaikanal Observatory: The Potential of the Most Recent Digitized Series. <i>Solar Physics</i> , 2019, 294, 1.	1.0	18
11	Modelling solar irradiance from ground-based photometric observations. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 45.	1.1	16
12	Height Dependence of the Penumbra Fine-scale Structure in the Inner Solar Atmosphere. <i>Astrophysical Journal</i> , 2019, 873, 126.	1.6	15
13	A note on the sunspot and prominence records made by Angelo Secchi during the period 1871–1875. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 51.	1.1	13
14	1D Atmosphere Models from Inversion of Fe i 630 nm Observations with an Application to Solar Irradiance Studies. <i>Astrophysical Journal</i> , 2017, 841, 115.	1.6	12
15	Unveiling the magnetic nature of chromospheric vortices. <i>Astronomy and Astrophysics</i> , 2020, 639, A59.	2.1	12
16	Ca II K spectroheliograms for studies of long-term changes in solar irradiance. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 125-128.	0.0	10
17	Plasma flows and magnetic field interplay during the formation of a pore. <i>Astronomy and Astrophysics</i> , 2017, 600, A102.	2.1	9
18	Penumbra decay observed in active region NOAA 12585. <i>Astronomy and Astrophysics</i> , 2021, 653, A93.	2.1	9

#	ARTICLE	IF	CITATIONS
19	Recurrence quantification analysis of two solar cycle indices. Journal of Space Weather and Space Climate, 2017, 7, A5.	1.1	6
20	The potential of Ca II K observations for solar activity and variability studies. Proceedings of the International Astronomical Union, 2018, 13, 115-120.	0.0	4
21	Penumbral Brightening Events Observed in AR NOAA 12546. Astrophysical Journal, 2020, 890, 96.	1.6	4
22	IBIS-A: The IBIS data Archive. Astronomy and Astrophysics, 2022, 661, A74.	2.1	4
23	Analysis of Pseudo-Lyapunov Exponents of Solar Convection Using State-of-the-Art Observations. Entropy, 2021, 23, 413.	1.1	3
24	Data handling and control for the European Solar Telescope. Proceedings of SPIE, 2010, , .	0.8	1
25	Conceptual design of the data handling system for the European Solar Telescope. , 2012, , .		0