

Ilaria Ermolli

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

399
citations

758635

12
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794141

19
g-index

27
all docs

27
docs citations

27
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	IBIS-A: The IBIS data Archive. <i>Astronomy and Astrophysics</i> , 2022, 661, A74.	2.1	4
2	Analysis of Pseudo-Lyapunov Exponents of Solar Convection Using State-of-the-Art Observations. <i>Entropy</i> , 2021, 23, 413.	1.1	3
3	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
4	Penumbra decay observed in active region NOAA 12585. <i>Astronomy and Astrophysics</i> , 2021, 653, A93.	2.1	9
5	Unveiling the magnetic nature of chromospheric vortices. <i>Astronomy and Astrophysics</i> , 2020, 639, A59.	2.1	12
6	Analysis of full-disc Ca II K spectroheliograms. <i>Astronomy and Astrophysics</i> , 2020, 639, A88.	2.1	32
7	Magnetohydrodynamic Nonlinearities in Sunspot Atmospheres: Chromospheric Detections of Intermediate Shocks. <i>Astrophysical Journal</i> , 2020, 892, 49.	1.6	22
8	Modelling solar irradiance from ground-based photometric observations. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 45.	1.1	16
9	Penumbra Brightening Events Observed in AR NOAA 12546. <i>Astrophysical Journal</i> , 2020, 890, 96.	1.6	4
10	Recovering the unsigned photospheric magnetic field from Ca II K observations. <i>Astronomy and Astrophysics</i> , 2019, 626, A114.	2.1	26
11	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
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	Analysis of full disc Ca II K spectroheliograms. <i>Astronomy and Astrophysics</i> , 2019, 625, A69.	2.1	41
14	The potential of Ca II K observations for solar activity and variability studies. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 115-120.	0.0	4
15	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
16	Propagating Spectropolarimetric Disturbances in a Large Sunspot. <i>Astrophysical Journal</i> , 2018, 869, 110.	1.6	22
17	Analysis of full disc Ca II K spectroheliograms. <i>Astronomy and Astrophysics</i> , 2018, 609, A92.	2.1	25
18	Polarized Kink Waves in Magnetic Elements: Evidence for Chromospheric Helical Waves. <i>Astrophysical Journal</i> , 2017, 840, 19.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Plasma flows and magnetic field interplay during the formation of a pore. <i>Astronomy and Astrophysics</i> , 2017, 600, A102.	2.1	9
20	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
21	Recurrence quantification analysis of two solar cycle indices. <i>Journal of Space Weather and Space Climate</i> , 2017, 7, A5.	1.1	6
22	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
23	Conceptual design of the data handling system for the European Solar Telescope. , 2012, , .		0
24	Data handling and control for the European Solar Telescope. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
25	THE INTENSITY PROFILE OF THE SOLAR SUPERGRANULATION. <i>Astrophysical Journal</i> , 2009, 707, 67-73.	1.6	24