

Andrea Diercke

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

213
citations

933447

10
h-index

1058476

14
g-index

31
all docs

31
docs citations

31
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Digitization of sunspot drawings by Spörer made in 1861–1894. <i>Astronomische Nachrichten</i> , 2015, 336, 53-62.	1.2	23
2	Wings of the butterfly: Sunspot groups for 1826–2015. <i>Astronomy and Astrophysics</i> , 2017, 599, A131.	5.1	16
3	Counter-streaming flows in a giant quiet-Sun filament observed in the extreme ultraviolet. <i>Astronomy and Astrophysics</i> , 2018, 611, A64.	5.1	16
4	Image Quality in High-resolution and High-cadence Solar Imaging. <i>Solar Physics</i> , 2018, 293, 1.	2.5	14
5	Temporal evolution of arch filaments as seen in He I 10 830 Å... <i>Astronomy and Astrophysics</i> , 2018, 617, A55.	5.1	14
6	High-resolution imaging and near-infrared spectroscopy of penumbral decay. <i>Astronomy and Astrophysics</i> , 2018, 614, A2.	5.1	14
7	Horizontal flow fields in and around a small active region. <i>Astronomy and Astrophysics</i> , 2016, 596, A3.	5.1	13
8	Sunspot group tilt angle measurements from historical observations. <i>Advances in Space Research</i> , 2016, 58, 1468-1474.	2.6	13
9	Fitting peculiar spectral profiles in He I 10830 Å... absorption features. <i>Astronomische Nachrichten</i> , 2016, 337, 1057-1063.	1.2	12
10	High-cadence Imaging and Imaging Spectroscopy at the GREGOR Solar Telescope – A Collaborative Research Environment for High-resolution Solar Physics. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 5.	7.7	11
11	Classification of High-resolution Solar H α Spectra Using t-distributed Stochastic Neighbor Embedding. <i>Astrophysical Journal</i> , 2021, 907, 54.	4.5	10
12	sTools – a data reduction pipeline for the GREGOR Fabry-Pérot Interferometer and the High-resolution Fast Imager at the GREGOR solar telescope. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 20-24.	0.0	7
13	Chromospheric Synoptic Maps of Polar Crown Filaments. <i>Solar Physics</i> , 2019, 294, 1.	2.5	7
14	High-resolution spectroscopy of a surge in an emerging flux region. <i>Astronomy and Astrophysics</i> , 2020, 639, A19.	5.1	7
15	Calibration of full-disk He I 10 830 Å... filtergrams of the Chromospheric Telescope. <i>Astronomische Nachrichten</i> , 2018, 339, 661-671.	1.2	6
16	Multiple Stokes Q and U inversions for inferring magnetic fields in the spectral range around Cr I 5782 Å... <i>Astronomy and Astrophysics</i> , 2021, 653, A165.	5.1	6
17	High-resolution Spectroscopy of an Erupting Minifilament and Its Impact on the Nearby Chromosphere. <i>Astrophysical Journal</i> , 2020, 898, 144.	4.5	5
18	Ca II 8542 Å... brightenings induced by a solar microflare. <i>Astronomy and Astrophysics</i> , 2017, 608, A117.	5.1	4

#	ARTICLE	IF	CITATIONS
19	Solar H α excess during Solar Cycle 24 from full-disk filtergrams of the Chromospheric Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A107.	5.1	4
20	The PAC2MAN mission: a new tool to understand and predict solar energetic events. <i>Journal of Space Weather and Space Climate</i> , 2015, 5, A5.	3.3	2
21	Magnetic Flux Emergence in a Coronal Hole. <i>Solar Physics</i> , 2020, 295, 1.	2.5	2
22	Wavelength Dependence of Image Quality Metrics and Seeing Parameters and Their Relation to Adaptive Optics Performance. <i>Solar Physics</i> , 2021, 296, 1.	2.5	2
23	Solar physics at the Einstein Tower. <i>Astronomische Nachrichten</i> , 2016, 337, 1105-1113.	1.2	1
24	Flow and magnetic field properties in the trailing sunspots of active region NOAA 12396. <i>Astronomische Nachrichten</i> , 2016, 337, 1090-1098.	1.2	1
25	Filigree in the Surroundings of Polar Crown and High-Latitude Filaments. <i>Solar Physics</i> , 2021, 296, 1.	2.5	1
26	Dynamics and connectivity of an extended arch filament system. <i>Astronomy and Astrophysics</i> , 2019, 629, A48.	5.1	1
27	Tracking Downflows from the Chromosphere to the Photosphere in a Solar Arch Filament System. <i>Astrophysical Journal</i> , 2020, 890, 82.	4.5	1
28	Digitization of Spörer's sunspot drawings. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 63-64.	0.0	0
29	Flows along arch filaments observed in the GRIS "very fast spectroscopic mode". <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 28-33.	0.0	0
30	Synoptic maps in three wavelengths of the Chromospheric Telescope. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 339-341.	0.0	0
31	Revisiting the building blocks of solar magnetic fields by GREGOR. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 38-41.	0.0	0