

Andreas Wicenec

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,447
citations

840776

11
h-index

610901

24
g-index

37
all docs

37
docs citations

37
times ranked

2341
citing authors

#	ARTICLE	IF	CITATIONS
1	An empirical evaluation on the applicability of the DALiuGE execution framework. <i>Astronomy and Computing</i> , 2022, 38, 100541.	1.7	0
2	Data modelling approaches to astronomical data: Mapping large spectral line data cubes to dimensional data models. <i>Astronomy and Computing</i> , 2022, 38, 100539.	1.7	0
3	Enhanced remote astronomical archive system based on the file-level Unlimited Sliding-Window technique. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 253.	1.7	1
4	SKA shakes hands with Summit. <i>Science Bulletin</i> , 2020, 65, 337-339.	9.0	5
5	Processing Full-Scale Square Kilometre Array Data on the Summit Supercomputer. , 2020, , .		4
6	CHILES: H α morphology and galaxy environment at $z = 0.12$ and $z = 0.17$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2234-2256.	4.4	23
7	Partitioning SKA Dataflows for Optimal Graph Execution. , 2018, , .		1
8	DALiuGE: A graph execution framework for harnessing the astronomical data deluge. <i>Astronomy and Computing</i> , 2017, 20, 1-15.	1.7	18
9	HIGHEST REDSHIFT IMAGE OF NEUTRAL HYDROGEN IN EMISSION: A CHILES DETECTION OF A STARBURSTING GALAXY AT $z = 0.376$. <i>Astrophysical Journal Letters</i> , 2016, 824, L1.	8.3	89
10	The suitability of cloud, massive and moderate computing environments for SKA scale data. , 2016, , .		0
11	AdiosStMan: Parallelizing Casacore Table Data System using Adaptive IO System. <i>Astronomy and Computing</i> , 2016, 16, 146-154.	1.7	5
12	Imaging SKA-scale data in three different computing environments. <i>Astronomy and Computing</i> , 2016, 14, 8-22.	1.7	15
13	From antennas to multi-dimensional data cubes: The SKA data path. , 2015, , .		0
14	Astronomical imagery: Considerations for a contemporary approach with JPEG2000. <i>Astronomy and Computing</i> , 2015, 12, 229-239.	1.7	18
15	Delivering SKA Science. , 2015, , .		12
16	Optimising NGAS for the MWA Archive. <i>Experimental Astronomy</i> , 2013, 36, 679-694.	3.7	10
17	<i>Astronomy and Computing</i> : A new journal for the astronomical computing community. <i>Astronomy and Computing</i> , 2013, 1, 1-4.	1.7	3
18	The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	892

#	ARTICLE	IF	CITATIONS
19	SkuaView. , 2012, , .		4
20	Distributed agile software development for the SKA. , 2012, , .		0
21	The MWA archive infrastructure: archiving terabytes of data over dedicated WAN connections. Proceedings of SPIE, 2012, , .	0.8	1
22	The DIRP framework: flexible HPC based post-processing of TB size datasets. Proceedings of SPIE, 2012, , .	0.8	0
23	A practical visualization strategy for large-scale supernovae CFD simulations. , 2011, , .		0
24	Integrating HPC into Radio-Astronomical data reduction. , 2011, , .		0
25	Galactic planetary nebulae and their central stars. Astronomy and Astrophysics, 2008, 479, 155-160.	5.1	9
26	DIVISION XII / COMMISSION 5 / WORKING GROUP: FITS. Proceedings of the International Astronomical Union, 2007, 3, 218-218.	0.0	0
27	ESO imaging survey: infrared observations of CDF-S and HDFS. Astronomy and Astrophysics, 2006, 452, 119-129.	5.1	7
28	Galactic orbits of Planetary Nebulae unveil thin and thick disk populations and cast light on interaction with the interstellar medium. Astronomy and Astrophysics, 2004, 420, 207-211.	5.1	10
29	Galactic Planetary Nebulae and their central stars. Astronomy and Astrophysics, 2003, 408, 1029-1035.	5.1	61
30	ESO imaging survey. Astronomy and Astrophysics, 2001, 379, 740-754.	5.1	141
31	Variable stars in the Tycho photometric observations. Astronomy and Astrophysics, 2001, 373, 576-588.	5.1	12
32	A Search of Variable Stars in the Tycho Observations. International Astronomical Union Colloquium, 2000, 176, 62-63.	0.1	1
33	ESO Imaging Survey. Astronomy and Astrophysics, 1999, 137, 51-74.	2.1	52
34	ESO Imaging Survey. Astronomy and Astrophysics, 1999, 137, 75-81.	2.1	7
35	ESO Imaging Survey. Astronomy and Astrophysics, 1999, 137, 83-92.	2.1	29
36	DIVA - An interferometric minisatellite for astrometry and photometry. Astronomische Nachrichten, 1996, 317, 281-288.	1.2	11

#	ARTICLE	IF	CITATIONS
37	TYCHO assessment. <i>Advances in Space Research</i> , 1991, 11, 35-44.	2.6	6