Andreas Wicenec

List of Publications by Year
in descending order

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	The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	892
2	ESO imaging survey. Astronomy and Astrophysics, 2001, 379, 740-754.	5.1	141
3	HIGHEST REDSHIFT IMAGE OF NEUTRAL HYDROGEN IN EMISSION: A CHILES DETECTION OF A STARBURSTING GALAXY AT z = 0.376. Astrophysical Journal Letters, 2016, 824, L1.	8.3	89
4	Galactic Planetary Nebulae and their central stars. Astronomy and Astrophysics, 2003, 408, 1029-1035.	5.1	61
5	ESO Imaging Survey. Astronomy and Astrophysics, 1999, 137, 51-74.	2.1	52
6	ESO Imaging Survey. Astronomy and Astrophysics, 1999, 137, 83-92.	2.1	29
7	CHILES: HÂâ€‰<scp>i</scp>morphology and galaxy environment atzÂ= 0.12 andzÂ= 0.17. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2234-2256.	4.4	23
8	Astronomical imagery: Considerations for a contemporary approach with JPEG2000. Astronomy and Computing, 2015, 12, 229-239.	1.7	18
9	DALiuGE: A graph execution framework for harnessing the astronomical data deluge. Astronomy and Computing, 2017, 20, 1-15.	1.7	18
10	Imaging SKA-scale data in three different computing environments. Astronomy and Computing, 2016, 14, 8-22.	1.7	15
11	Variable stars in the Tycho photometric observations. Astronomy and Astrophysics, 2001, 373, 576-588.	5.1	12
12	Delivering SKA Science. , 2015, , .		12
13	DIVA - An interferometric minisatellite for astrometry and photometry. Astronomische Nachrichten, 1996, 317, 281-288.	1.2	11
14	Optimising NGAS for the MWA Archive. Experimental Astronomy, 2013, 36, 679-694.	3.7	10
15	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
16	Galactic planetary nebulae and their central stars. Astronomy and Astrophysics, 2008, 479, 155-160.	5.1	9
17	ESO imaging survey: infrared observations of CDF-S andÂHDF-S. Astronomy and Astrophysics, 2006, 452, 119-129.	5.1	7
18	ESO Imaging Survey. Astronomy and Astrophysics, 1999, 137, 75-81.	2.1	7

#	Article	IF	Citations
19	TYCHO assessment. Advances in Space Research, 1991, 11, 35-44.	2.6	6
20	AdiosStMan: Parallelizing Casacore Table Data System using Adaptive IO System. Astronomy and Computing, 2016, 16, 146-154.	1.7	5
21	SKA shakes hands with Summit. Science Bulletin, 2020, 65, 337-339.	9.0	5
22	SkuareView. , 2012, , .		4
23	Processing Full-Scale Square Kilometre Array Data on the Summit Supercomputer. , 2020, , .		4
24	Astronomy and Computing: A new journal for the astronomical computing community. Astronomy and Computing, 2013, 1, 1-4.	1.7	3
25	A Search of Variable Stars in the Tycho Observations. International Astronomical Union Colloquium, 2000, 176, 62-63.	0.1	1
26	The MWA archive infrastructure: archiving terabytes of data over dedicated WAN connections. Proceedings of SPIE, 2012, , .	0.8	1
27	Partitioning SKA Dataflows for Optimal Graph Execution. , 2018, , .		1
28	Enhanced remote astronomical archive system based on the file-level Unlimited Sliding-Window technique. Research in Astronomy and Astrophysics, 2021, 21, 253.	1.7	1
29	DIVISION XII / COMMISSON 5 / WORKING GROUP: FITS. Proceedings of the International Astronomical Union, 2007, 3, 218-218.	0.0	0
30	A practical visualization strategy for large-scale supernovae CFD simulations. , 2011, , .		0
31	Integrating HPC into Radio-Astronomical data reduction. , 2011, , .		0
32	Distributed agile software development for the SKA. , 2012, , .		0
33	The DIRP framework: flexible HPC based post-processing of TB size datasets. Proceedings of SPIE, 2012, , .	0.8	0
34	From antennas to multi-dimensional data cubes: The SKA data path. , 2015, , .		0
35	The suitability of cloud, massive and moderate computing environments for SKA scale data. , 2016, , .		0
36	An empirical evaluation on the applicability of the DALiuGE execution framework. Astronomy and Computing, 2022, 38, 100541.	1.7	0

#	Article	IF	Citations
37	Data modelling approaches to astronomical data: Mapping large spectral line data cubes to dimensional data models. Astronomy and Computing, 2022, 38, 100539.	1.7	0