

Kenda Knowles

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6440066/publications.pdf>

Version: 2024-02-01

31
papers

2,099
citations

471509

17
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	The Simons Observatory: science goals and forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 056-056.	5.4	741
2	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 047-047.	5.4	343
3	The Atacama Cosmology Telescope: a measurement of the Cosmic Microwave Background power spectra at 98 and 150 GHz. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 045-045.	5.4	148
4	The Atacama Cosmology Telescope: A Catalog of ~ 4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 3.	7.7	118
5	Hubble Frontier Fields: a high-precision strong-lensing analysis of galaxy cluster MACSJ0416.1-2403 using ~ 14200 multiple images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1549-1554.	4.4	109
6	The extraordinary amount of substructure in the Hubble Frontier Fields cluster Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3876-3893.	4.4	99
7	THE RADIO RELICS AND HALO OF EL GORDO, A MASSIVE $z \approx 0.870$ CLUSTER MERGER. <i>Astrophysical Journal</i> , 2014, 786, 49.	4.5	72
8	Hubble Frontier Fields: predictions for the return of SN Refsdal with the MUSE and GMOS spectrographs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2029-2042.	4.4	70
9	Hubble Frontier Fields: the geometry and dynamics of the massive galaxy cluster merger MACSJ0416.1-2403. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 4132-4147.	4.4	63
10	A shock front at the radio relic of Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1302-1307.	4.4	55
11	The MeerKAT Galaxy Cluster Legacy Survey. <i>Astronomy and Astrophysics</i> , 2022, 657, A56.	5.1	49
12	MIGHTEE: total intensity radio continuum imaging and the COSMOS/XMM-LSS Early Science fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2150-2168.	4.4	39
13	MeerKAT view of the diffuse radio sources in Abell 3667 and their interactions with the thermal plasma. <i>Astronomy and Astrophysics</i> , 2022, 659, A146.	5.1	27
14	Hydrogen Intensity and Real-Time Analysis Experiment: 256-element array status and overview. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	22
15	The star formation history of mass-selected galaxies from the VIDEO survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1459-1471.	4.4	20
16	Blind H I and OH Absorption Line Search: First Results with MALS and uGMRT Processed Using ARTIP. <i>Astrophysical Journal</i> , 2021, 907, 11.	4.5	20
17	Radio spectral properties of star-forming galaxies in the MIGHTEE-COSMOS field and their impact on the far-infrared-radio correlation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2643-2658.	4.4	18
18	Radio footprints of a minor merger in the Shapley Supercluster: From supercluster down to galactic scales. <i>Astronomy and Astrophysics</i> , 2022, 660, A81.	5.1	18

#	ARTICLE	IF	CITATIONS
19	A giant radio halo in a low-mass SZ-selected galaxy cluster: ACT-CL J0256.5+0006. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4240-4258.	4.4	12
20	GMRT 610MHz observations of galaxy clusters in the ACT equatorial sample. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1332-1349.	4.4	12
21	PKS 1830+211: OH and H ₂ at $z = 0.89$ and the first MeerKAT UHF spectrum. Astronomy and Astrophysics, 2021, 648, A116.	5.1	12
22	MERGHERS pilot: MeerKAT discovery of diffuse emission in nine massive Sunyaev-Zeldovich-selected galaxy clusters from ACT. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1749-1758.	4.4	9
23	One Source, Two Source(s): Ribs and Tethers. Galaxies, 2021, 9, 81.	3.0	6
24	SoUthern Cluster sCale Extended Source Survey (SUCCESS): a GMRT and Meerkat study of nine massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5969-5986.	4.4	6
25	MALS SALT-NOT Survey of MIR-selected Powerful Radio-bright AGN at $0 < z < 3.5$. Astrophysical Journal, 2022, 929, 108.	4.5	4
26	A Multiwavelength Dynamical State Analysis of ACT-CL J0019.6+0336. Galaxies, 2021, 9, 97.	3.0	2
27	Discovery of Rare Dying Radio Galaxies Using MeerKAT. Galaxies, 2021, 9, 102.	3.0	2
28	MERGHERS: An SZ-selected cluster survey with MeerKAT. , 2018, , .		1
29	Searching for High-z Radio Galaxies with the MGCLS. Galaxies, 2021, 9, 89.	3.0	1
30	A GMRT Narrowband vs. Wideband Analysis of the ACT-CL J0034.4+0225 Field Selected from the ACTPol Cluster Sample. Galaxies, 2021, 9, 117.	3.0	1
31	The genealogy of magnetic fields. Nature Astronomy, 2021, 5, 226-227.	10.1	0