Yan Gong

List of Publications by Year
in descending order

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34	1,257	430874 18	414414 32
papers	citations	h-index	g-index

34	34	34	1147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	INTENSITY MAPPING OF THE [C II] FINE STRUCTURE LINE DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2012, 745, 49.	4.5	135
2	Cosmology from the Chinese Space Station Optical Survey (CSS-OS). Astrophysical Journal, 2019, 883, 203.	4.5	129
3	PROSPECTS FOR DETECTING C II EMISSION DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2015, 806, 209.	4.5	103
4	On the origin of near-infrared extragalactic background light anisotropy. Science, 2014, 346, 732-735.	12.6	96
5	Near-infrared background anisotropies from diffuse intrahalo light of galaxies. Nature, 2012, 490, 514-516.	27.8	89
6	Features of holographic dark energy under combined cosmological constraints. European Physical Journal C, 2009, 60, 303-315.	3.9	82
7	PROBING REIONIZATION WITH INTENSITY MAPPING OF MOLECULAR AND FINE-STRUCTURE LINES. Astrophysical Journal Letters, 2011, 728, L46.	8.3	76
8	INTENSITY MAPPING OF LyÎ± EMISSION DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2013, 763, 132.	4.5	72
9	THE NEAR-INFRARED BACKGROUND INTENSITY AND ANISOTROPIES DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2012, 756, 92.	4.5	58
10	FOREGROUND CONTAMINATION IN LyÎ± INTENSITY MAPPING DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2014, 785, 72.	4.5	53
11	Ultraviolet luminosity density of the universe during the epoch of reionization. Nature Communications, 2015, 6, 7945.	12.8	44
12	Intensity Mapping of HÎ±, HÎ², , and Lines at zÂ<Â5. Astrophysical Journal, 2017, 835, 273.	4.5	37
13	Testing photometric redshift measurements with filter definition of the Chinese Space Station Optical Survey (CSS-OS). Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	37
14	AXION DECAY AND ANISOTROPY OF NEAR-IR EXTRAGALACTIC BACKGROUND LIGHT. Astrophysical Journal, 2016, 825, 104.	4.5	31
15	Couplings between holographic dark energy and dark matter. European Physical Journal C, 2010, 69, 509-519.	3.9	26
16	Cosmological Constraints from Line Intensity Mapping with Interlopers. Astrophysical Journal, 2020, 894, 152.	4.5	25
17	THE OH LINE CONTAMINATION OF 21 cm INTENSITY FLUCTUATION MEASUREMENTS FOR z = 1-4. Astrophysical Journal Letters, 2011, 740, L20.	8.3	24
18	PROBING THE PRE-REIONIZATION EPOCH WITH MOLECULAR HYDROGEN INTENSITY MAPPING. Astrophysical Journal, 2013, 768, 130.	4.5	20

#	Article	IF	Citations
19	Two-component model of dark energy. Physical Review D, 2007, 76, .	4.7	19
20	Searching for oscillations in the primordial power spectrum with CMB and LSS data. Physical Review D, 2019, 99, .	4.7	16
21	Spectroscopic and Photometric Redshift Estimation by Neural Networks for the China Space Station Optical Survey (CSS-OS). Astrophysical Journal, 2021, 909, 53.	4.5	13
22	CROSS-CORRELATION OF NEAR- AND FAR-INFRARED BACKGROUND ANISOTROPIES AS TRACED BYSPITZERANDHERSCHEL. Astrophysical Journal, 2015, 811, 125.	4.5	12
23	THE EXTRAGALACTIC BACKGROUND LIGHT FROM THE MEASUREMENTS OF THE ATTENUATION OF HIGH-ENERGY GAMMA-RAY SPECTRUM. Astrophysical Journal Letters, 2013, 772, L12.	8.3	8
24	Probing the cluster pressure profile with thermal Sunyaevâ€“Zeldovich effect and weak lensing cross-correlation. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1806-1816.	4.4	8
25	Cross-correlation of Far-infrared Background Anisotropies and CMB Lensing from Herschel and Planck Satellites. Astrophysical Journal, 2020, 901, 34.	4.5	8
26	Extracting photometric redshift from galaxy flux and image data using neural networks in the CSST survey. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4593-4603.	4.4	8
27	Calibrating Photometric Redshift Measurements with the Multi-channel Imager (MCI) of the China Space Station Telescope (CSST). Research in Astronomy and Astrophysics, 2022, 22, 025019.	1.7	7
28	Anisotropies of cosmic optical and near-IR background from the China space station telescope (CSST). Monthly Notices of the Royal Astronomical Society, 2022, 511, 1830-1840.	4.4	6
29	Testing the Axion-Conversion Hypothesis of 3.5ÂkeV Emission with Polarization. Physical Review Letters, 2017, 118, 061101.	7.8	4
30	Self-calibrating Interloper Bias in Spectroscopic Galaxy-clustering Surveys. Astrophysical Journal, 2021, 919, 12.	4.5	4
31	Probing galaxy cluster and intra-cluster gas with luminous red galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4904-4916.	4.4	3
32	Consistency test on the cosmic evolution. Physical Review D, 2015, 92, .	4.7	2
33	Constraining Bransâ€“Dicke Cosmology with the CSST Galaxy Clustering Spectroscopic Survey. Research in Astronomy and Astrophysics, 2022, 22, 055021.	1.7	2
34	Molecular Gas Around the Infrared Dust Bubbles. Proceedings of the International Astronomical Union, 2012, 8, 43-43.	0.0	0