

Guilaine Lagache

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,035
citations

516710

16
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

2481
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared Luminosity Functions from the Chandra Deep Field“South: The Spitzer View on the History of Dusty Star Formation at $0 < z < 1$. <i>Astrophysical Journal</i> , 2005, 632, 169-190.	4.5	695
2	IRIS: A New Generation of IRAS Maps. <i>Astrophysical Journal, Supplement Series</i> , 2005, 157, 302-323.	7.7	371
3	Dusty Infrared Galaxies: Sources of the Cosmic Infrared Background. <i>Annual Review of Astronomy and Astrophysics</i> , 2005, 43, 727-768.	24.3	225
4	A UNIFIED EMPIRICAL MODEL FOR INFRARED GALAXY COUNTS BASED ON THE OBSERVED PHYSICAL EVOLUTION OF DISTANT GALAXIES. <i>Astrophysical Journal Letters</i> , 2012, 757, L23.	8.3	179
5	The impact of clustering and angular resolution on far-infrared and millimeter continuum observations. <i>Astronomy and Astrophysics</i> , 2017, 607, A89.	5.1	116
6	The redshift evolution of the distribution of star formation among dark matter halos as seen in the infrared. <i>Astronomy and Astrophysics</i> , 2013, 557, A66.	5.1	79
7	ULTRA-DEEP MID-INFRARED SPECTROSCOPY OF LUMINOUS INFRARED GALAXIES AT $1 < z < 2$. <i>Astrophysical Journal</i> , 2010, 719, 425-450.	4.5	53
8	DISSECTING THE HIGH- z INTERSTELLAR MEDIUM THROUGH INTENSITY MAPPING CROSS-CORRELATIONS. <i>Astrophysical Journal</i> , 2016, 833, 153.	4.5	53
9	Predictions and sensitivity forecasts for reionization-era [C II] line intensity mapping. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3486-3498.	4.4	38
10	Large-scale Maps of the Cosmic Infrared Background from Planck. <i>Astrophysical Journal</i> , 2019, 883, 75.	4.5	37
11	Measurement of CIB power spectra over large sky areas from Planck HFI maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 286-319.	4.4	31
12	MAMBO 1.2 mm OBSERVATIONS OF LUMINOUS STARBURSTS AT $2 < z < 4$ IN THE SWIRE FIELDS. <i>Astrophysical Journal</i> , 2009, 692, 422-442.	4.5	29
13	SERENDIPITY OBSERVATIONS OF FAR INFRARED CIRRUS EMISSION IN THE SPITZER INFRARED NEARBY GALAXIES SURVEY: ANALYSIS OF FAR-INFRARED CORRELATIONS. <i>Astrophysical Journal</i> , 2009, 695, 469-478.	4.5	20
14	Co-evolution of black hole growth and star formation from a cross-correlation analysis between quasars and the cosmic infrared background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 4476-4493.	4.4	19
15	Using ALMA to resolve the nature of the early star-forming large-scale structure PLCK G073.4 ⁺ 57.5. <i>Astronomy and Astrophysics</i> , 2019, 625, A96.	5.1	19
16	SPITZER CHARACTERIZATION OF DUST IN THE IONIZED MEDIUM OF THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2011, 735, 6.	4.5	18
17	Microwave spectro-polarimetry of matter and radiation across space and time. <i>Experimental Astronomy</i> , 2021, 51, 1471-1514.	3.7	15
18	SCUBA-2 follow-up of Herschel-SPIRE observed Planck overdensities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4006-4017.	4.4	14

#	ARTICLE	IF	CITATIONS
19	Cross-correlation between the cosmic microwave and infrared backgrounds for integrated Sachs-Wolfe detection. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2688-2696.	4.4	11
20	Exploring the dusty star-formation in the early Universe using intensity mapping. Proceedings of the International Astronomical Union, 2017, 12, 228-233.	0.0	10
21	A magnum opus on the Chajnantor plateau. Nature Astronomy, 2021, 5, 970-970.	10.1	3