

Thomas Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

528
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	VALES. <i>Astronomy and Astrophysics</i> , 2021, 654, A128.	5.1	1
2	The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 52.	7.7	5
3	VALES VI: ISM enrichment in star-forming galaxies up to $z \approx 0.2$ using $12\text{CO}(1\rightarrow 0)$, $13\text{CO}(1\rightarrow 0)$, and $\text{C}18\text{O}(1\rightarrow 0)$ line luminosity ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2771-2785.	4.4	11
4	Cosmic evolution of molecular gas mass density from an empirical relationship between $\langle L \rangle$ 1.4 GHz and $\langle L \rangle \hat{=} \text{CO}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1760-1770.	4.4	3
5	The atomic gas of star-forming galaxies at $z \approx 0.05$ as revealed by the Five-hundred-meter Aperture Spherical Radio Telescope. <i>Astronomy and Astrophysics</i> , 2020, 638, L14.	5.1	7
6	The HASHTAG project I. A survey of $\text{CO}(3\rightarrow 2)$ emission from the star forming disc of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 195-209.	4.4	3
7	VALES. <i>Astronomy and Astrophysics</i> , 2020, 643, A78.	5.1	8
8	A kpc-scale-resolved study of unobscured and obscured star formation activity in normal galaxies at $z \approx 1.5$ and 2.2 from ALMA and HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5241-5256.	4.4	12
9	The kiloparsec-scale gas kinematics in two star-forming galaxies at $z \approx 1.47$ seen with ALMA and VLT-SINFONI. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4856-4869.	4.4	25
10	Oxygen yields as a constraint on feedback processes in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 868-888.	4.4	11
11	VALES V: a kinematic analysis of the molecular gas content in H-ATLAS galaxies at $z \approx 0.03 \hat{=} 0.35$ using ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1499-1524.	4.4	6
12	The $[\text{C}\text{ii}]$ emission as a molecular gas mass tracer in galaxies at low and high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1976-1999.	4.4	130
13	VALES $\hat{=}$ IV. Exploring the transition of star formation efficiencies between normal and starburst galaxies using APEX/SEPIA Band-5 and ALMA at low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 248-256.	4.4	10
14	VALES. <i>Astronomy and Astrophysics</i> , 2017, 602, A49.	5.1	20
15	VALES I: the molecular gas content in star-forming dusty H-ATLAS galaxies up to $z = 0.35$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3775-3805.	4.4	27
16	VALES $\hat{=}$ III. The calibration between the dust continuum and interstellar gas content of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 468, L103-L107.	3.3	34
17	Insights into gas heating and cooling in the disc of NGC 891 from <i>Herschel</i> far-infrared spectroscopy. <i>Astronomy and Astrophysics</i> , 2015, 575, A17.	5.1	27
18	The role of cold gas and environment on the stellar mass-metallicity relation of nearby galaxies. <i>Astronomy and Astrophysics</i> , 2013, 550, A115.	5.1	143

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19	The <i>Herschel</i> Virgo Cluster Survey. <i>Astronomy and Astrophysics</i> , 2010, 518, L54.	5.1	45