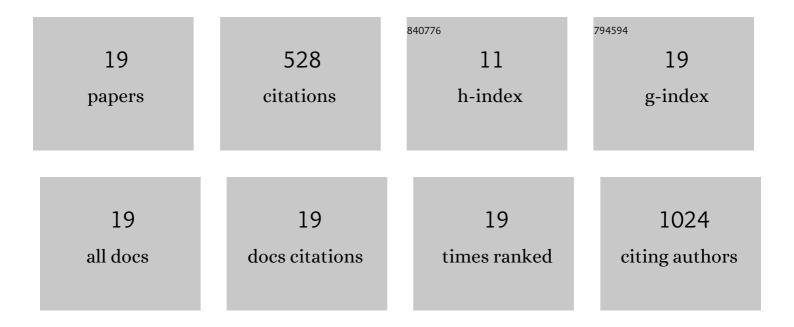
## **Thomas Hughes**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3858602/publications.pdf Version: 2024-02-01



THOMAS HUCHES

#	Article	IF	CITATIONS
1	The role of cold gas and environment on the stellar mass-metallicity relation of nearby galaxies. Astronomy and Astrophysics, 2013, 550, A115.	5.1	143
2	The [C ii] emission as a molecular gas mass tracer in galaxies at low and high redshifts. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1976-1999.	4.4	130
3	The <i>Herschel</i> Virgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L54.	5.1	45
4	VALES – III. The calibration between the dust continuum and interstellar gas content of star-forming galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 468, L103-L107.	3.3	34
5	Insights into gas heating and cooling in the disc of NGC 891 from <i>Herschel</i> far-infrared spectroscopy. Astronomy and Astrophysics, 2015, 575, A17.	5.1	27
6	VALES I: the molecular gas content in star-forming dusty H-ATLAS galaxies up to <i>z</i> = 0.35. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3775-3805.	4.4	27
7	The kiloparsec-scale gas kinematics in two star-forming galaxies at z â^1⁄4 1.47 seen with ALMA and VLT-SINFONI. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4856-4869.	4.4	25
8	VALES. Astronomy and Astrophysics, 2017, 602, A49.	5.1	20
9	A kpc-scale-resolved study of unobscured and obscured star formation activity in normal galaxies at <i>z</i> Â=Â1.5 and 2.2 from ALMA and HiZELS. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5241-5256.	4.4	12
10	Oxygen yields as a constraint on feedback processes in galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 868-888.	4.4	11
11	VALES VI: ISM enrichment in star-forming galaxies up to z â^1⁄4 0.2 using 12CO(1–0), 13CO(1–0), an line luminosity ratios. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2771-2785.	nd C18O() 4.4	1–0) 11
12	VALES – IV. Exploring the transition of star formation efficiencies between normal and starburst galaxies using APEX/SEPIA Band-5 and ALMA at low redshift. Monthly Notices of the Royal Astronomical Society, 2018, 475, 248-256.	4.4	10
13	VALES. Astronomy and Astrophysics, 2020, 643, A78.	5.1	8
14	The atomic gas of star-forming galaxies at <i>z</i> â^¼ 0.05 as revealed by the Five-hundred-meter Aperture Spherical Radio Telescope. Astronomy and Astrophysics, 2020, 638, L14.	5.1	7
15	VALES V: a kinematic analysis of the molecular gas content inH-ATLAS galaxies atzÂâ^1⁄4Â0.03–0.35 using ALMA Monthly Notices of the Royal Astronomical Society, 2019, 482, 1499-1524.	<sup></sup> 4.4	6
16	The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. Astrophysical Journal, Supplement Series, 2021, 257, 52.	7.7	5
17	Cosmic evolution of molecular gas mass density from an empirical relationship between <i>L</i> 1.4 GHz and <i>L</i> ′CO. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1760-1770.	4.4	3
18	The HASHTAG project I. A survey of CO(3–2) emission from the star forming disc of M31. Monthly Notices of the Royal Astronomical Society, 2020, 492, 195-209.	4.4	3

#	Article	IF	CITATIONS
19	VALES. Astronomy and Astrophysics, 2021, 654, A128.	5.1	1