

Thomas M. Hughes

Curriculum Vitae

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	Valparaíso, Chile	<i>E-mail:</i> thomas.hughes@uv.cl
RESEARCH INTERESTS	Galaxy formation and evolution, including the growth of the red sequence, processes regulating star formation and chemical evolution, the impact of the environment, and spectroscopic techniques.	
EXPERIENCE	Research Fellow	08/2017 - Present
	University of Science and Technology of China, China	
	Research Fellow	09/2015 - Present
	Institute of Physics and Astronomy, University of Valparaiso, Chile	
	Research Scientist	03/2013 - 07/2015
	Astronomical Observatory, Ghent University, Belgium	
	Kavli Research Fellow	01/2011 - 12/2012
	Kavli Institute for Astronomy and Astrophysics, Peking University, China	
EDUCATION	Ph.D. in Extragalactic Astrophysics	10/2007 - 12/2010
	School of Physics and Astronomy, Cardiff University, United Kingdom	
	M.Sci. in Physics and Astronomy with Honours	10/2003 - 07/2007
	School of Physics and Astronomy, University of Birmingham, United Kingdom	
HONOURS, AWARDS & PRIZES	China-Chile Joint Fellowship , CAS-CONICYT (highest ranking)	2017
	Chartered Physicist , United Kingdom Institute of Physics	2014
	Kavli Research Fellowship , KIAA, Peking University	2011-2013
	STFC Ph.D. Studentship , Cardiff University School of Physics & Astronomy	2007-2010
	Winner: Student Poster Competition , RAS National Astronomy Meeting, Belfast	2008
	Summer Studentship , University of Birmingham School of Physics & Astronomy	2007
PROFESSIONAL ASSOCIATIONS	Valparaiso ALMA Line Emission Survey . Co-investigator.	2016
	Chilean Astronomical Society (SOCHIAS) . Member.	2016
	International Astronomical Union . Member.	2015
	Astronomy and Astrophysics . Journal referee.	2015
	Very Nearby Galaxies Survey . Co-investigator, P.I. C. D. Wilson.	2013
	Herschel Observations of Edge-on Spirals . Co-investigator, P.I. M. Baes.	2013
	SPIRE Specialist Astronomy Group 2 (SAG2) . Member.	2013
	Herschel Exploitation of Local Galaxy Andromeda . Consultant, P.I. J. Fritz.	2013
	European Astronomical Society . Member.	2013
	Chinese IFU Lijiang Project . Co-investigator, P.I. L. Hao.	2012
	GALEX Ultraviolet Virgo Cluster Survey . Co-investigator, P.I. A. Boselli.	2011
	Herschel Fornax Cluster Survey . Co-investigator, P.I. J. Davies.	2011
	Monthly Notices of the Royal Astronomical Society . Journal referee.	2011
	Herschel Reference Survey . Consultant, P.I. S. Eales.	2010
	Herschel Virgo Cluster Survey . Co-investigator, P.I. J. Davies.	2008
	Royal Astronomical Society . Fellow.	2007
	Institute of Physics . Member.	2002

OBSERVING EXPERIENCE	Submillimetre: Mixed modes and instruments on JCMT for 7 nights.	2017
	Submillimetre: Mixed modes and instruments on the APEX telescope for 21 days.	2016, 2017
	Optical: Spectroscopy with DBSP on the Palomar 200 inch telescope for 1 night.	2013
	Optical: Long-slit spectroscopy with YFOSC on the 2.4m Lijiang telescope for 3 nights.	2012
	Infrared: Near-infrared imaging with WFCAM on the 3.8m UKIRT for 4 nights.	2008
TECHNICAL EXPERIENCE	Languages: Python, Fortran, C++, Visual Basic, CL and Unix shell scripts.	
	Software: CASA, IRAF, DS9, Topcat, Kepler, L ^A T _E X, GIMP, R, IDL, Supermongo.	
TEACHING & OUTREACH	Physics Laboratory Teaching Assistant , Cardiff University, UK	2007–2010
	Chemistry and Physics Instructor at Science Camp Watonka, USA	2005, 2006, 2009
	Visiting Scientist in Schools , various locations, UK	2010, 2012+
	GCSE Physics and Math Tutor , Cardiff, UK	2009–2011
	Judge at the UK National Science and Engineering Competition, UK	2015
CONFERENCES, & WORKSHOPS	East Asian Observatory , Hilo, Hawaii	2017
	Seminar: <i>VALES: The Valparaíso ALMA Line Emission Survey</i> .	
	RAS National Astronomy Meeting , Hull, United Kingdom	2017
	Poster: <i>VALES: The Valparaíso ALMA Line Emission Survey</i> .	
	XIV Annual Meeting of the Chilean Astronomical Society , Maitencillo, Chile	2017
	Talk: <i>The physical conditions of interstellar gas in star-forming galaxies</i> .	
	Molecular Gas in Galactic Environments , Charlottesville, USA	2016
	Poster: <i>The CO emission from H-ATLAS galaxies up to z = 0.4</i>	
	XIII Annual Meeting of the Chilean Astronomical Society , Antofagasta, Chile	2016
	Talk: <i>Tracing star formation with [NII] 205 line emission in nearby galaxies</i> .	
	The Role of Hydrogen in the Evolution of Galaxies , Kuching, Malaysia	2014
	Talk: <i>Role of cold gas in the chemical evolution of nearby galaxies</i> .	
	Galaxies in 3D across the Universe , IAUS 309, Vienna, Austria	2014
	Poster: <i>Gas properties in the disc of NGC 891 from Herschel far-infrared spectroscopy</i> .	
	Poster: <i>Metallicity gradients of galaxies in the Herschel Reference Survey</i> .	
	SPICA Science Workshop , Leiden, Netherlands	2014
	Talk: <i>Insights into gas heating and cooling from Herschel FIR spectroscopy</i> .	
	NAC 69th Dutch Astronomy Conference , Leiden, Netherlands	2014
	Poster: <i>Gas properties in the disc of NGC 891 from Herschel far-infrared spectroscopy</i>	
	The Passage of Light through Spiral Galaxies , Leiden, The Netherlands	2014
	Talk: <i>The gas and dust properties of NGC 891 from Herschel observations</i> .	
	The Universe Explored By Herschel , ESA-ESTEC, Netherlands	2013
	Poster: <i>Resolved analysis of gas and dust in nearby edge-on spiral NGC 891</i> .	
	9th Serbian Conference on Spectral Lines in Astrophysics , Belgrade, Serbia	2013
	Talk: <i>Integrated spectroscopy of the Herschel Reference Survey</i>	
	FNRS Astronomy Day of the Royal Observatory , Brussels, Belgium	2013
	Talk: <i>Role of cold gas in the chemical evolution of nearby galaxies</i> .	
Arecibo Observatory , Arecibo, Puerto Rico	2013	
Colloquium: <i>Role of cold gas in the chemical evolution of nearby galaxies</i> .		
The Intriguing lives of Massive Galaxies , IAUS 295, Beijing, China	2012	
Poster: <i>Role of cold gas and environment on the stellar mass - metallicity relation</i> .		
Shanghai Astronomical Observatory , Shanghai, China	2012	
Colloquium: <i>Role of cold gas in the chemical evolution of nearby galaxies</i> .		
Fornax, Virgo, Coma et al. Workshop , ESO-Garching, Germany	2011	
Poster: <i>Stellar mass, metallicity and gas content for galaxies in different environments</i> .		
Peking University Astrophysics Colloquium , Beijing, China	2011	
Talk: <i>Role of gas content on the stellar mass- metallicity relation for nearby spirals</i> .		
Galaxy Evolution and Environment , Kuala Lumpur, Malaysia	2009	
Talk: <i>The migration of nearby spirals from the blue cloud to red sequence</i> .		
RAS National Astronomy Meeting , Belfast, United Kingdom	2008	
Poster: <i>Migration from the blue cloud to red sequence of nearby spirals</i> .		

51 in total - 7 as first author, 2 as second author, h-index = 25

1. Cheng C., Ibar E., **Hughes T. M.**, Villanueva V., Leiton R., Orellana G., Munoz-Arancibia A., Lu N., Xu C. K., Willmer C. N. A., Huang J., Cao T., Yang C., Xue Y. Q., Torstensson K., 2017, MNRAS. *VALES - IV. Exploring the transition of star formation efficiencies between normal and starburst galaxies using APEX/SEPIA and ALMA at low redshift*
2. Zheng X. C., Xue Y. Q., Brandt W. N., Li J. Y., Paolillo M., Yang G., Zhu S. F., Luo B., Sun M. Y., **Hughes T. M.**, Bauer F. E., Vito F., Wang J. X., Liu T., Vignali C., and Shu X. W., 2017, ApJ, in press. *Deepest view of AGN X-ray variability with the 7 Ms Chandra Deep Field-South Survey.*
3. **Hughes T. M.**, Ibar E., Villanueva V., Aravena M., Baes M., Bourne N., Cooray A., Davies L. J. M., Driver S., Dunne L., Dye S., Eales S., Furlanetto C., Herrera-Camus R., Ivison R. J., van Kampen E., Lara-Lopez M., Maddox S. J., Michaowski M. J., Oteo I., Smith D., Smith M. W. L., Valiante E., Viaene S., van der Werf P., Xue Y. Q., 2017, MNRAS, 468, 103H. *VALES - III. The calibration between the dust continuum and interstellar gas content of star-forming galaxies.*
4. **Hughes T. M.**, Ibar E., Villanueva V., Aravena M., Baes M., Bourne N., Cooray A., Dunne L., Dye S., Eales S., Furlanetto C., Herrera-Camus R., Ivison R. J., van Kampen E., Lara-Lopez M., Maddox S. J., Michaowski M. J., Smith M. W. L., Valiante E., Viaene S., van der Werf P., Xue Y. Q., 2017, A&A, 602, 49H. *VALES - II. The physical conditions of interstellar gas in normal star-forming galaxies up to $z = 0.2$ revealed by ALMA.*
5. Villanueva V., Ibar E., **Hughes T. M.**, Lara-Lopez M. A., Dunne L., Eales S., Ivison R. J., Aravena M., Baes M., Bendo G. J., Bourne N., Cassata P., Cooray A., Dannerbauer H., Davies L. J. M., Driver S. P., Dye S., Furlanetto C., Herrera-Camus R., Maddox S., Michalowski M. J., Molina J., Riechers D., Sansom A. E., Smith M. W. L., Rodighiero G., Valiante E. and van der Werf P., 2017, MNRAS, 470, 3775. *VALES - I. The molecular gas content in star-forming dusty H-ATLAS galaxies up to $z = 0.35$.*
6. Bianchi S., Giovanardi C., Smith M. W. L., Fritz J., Davies J. I., Haynes M. P., Giovanelli R., Baes M., Bocchio M., Boissier S., Boquien M., Boselli A., Casasola V., Clark C. J. R., De Looze I., di Serego Alighieri S., Grossi M., Jones A. P., **Hughes T. M.**, Hunt L. K., Madden S., Magrini L., Pappalardo C., Ysard N., Zibetti S., 2017, A&A, 597, 25. *The Herschel Virgo Cluster Survey XX. Dust and gas in the foreground Galactic cirrus.*
7. Mosenkov A. V., Allaert F., Baes M., Bianchi S., Camps P., De Geyter G., De Looze I., Fritz J., Gentile G., **Hughes T. M.**, Lewis F., Verstappen J., Verstocken S., Viaene S., 2016, A&A, 592A, 71M. *HERschel Observations of Edge-on Spirals (HEROES). III: Dust energy balance study of IC 2531.*
8. Smith M. W. L. , Eales S. A., De Looze I., Baes M., Bendo G. J., Bianchi S., Boquien M., Boselli A., Buat V., Ciesla L., Clemens M., Clements D. L., Cooray A. R., Cortese L., Davies J. I., Fritz J., Gomez H. L., **Hughes T. M.**, Karczewski O. L., Lu N., Oliver S. J., Remy-Ruyer A., Spinoglio L., Viaene S., 2016, MNRAS, 462, 331. *The far-reaching dust distribution in galaxy disks.*
9. Cortese L., Bekki K., Boselli A., Catinella B., Ciesla L., **Hughes T. M.**, Baes M., Bendo G. J., Boquien M., de Looze I., Smith M. W. L., Spinoglio L., Viaene S., 2016, MNRAS, 459, 3574C. *The selective effect of environment on the atomic and molecular gas-to-dust ratio of nearby galaxies in the Herschel Reference Survey.*
10. **Hughes T. M.**, Baes M., Schirm M., Parkin T., Wu R., De Looze I., Wilson C., Viaene S., Bendo G., Boselli A., Cormier D., Ibar E., Karczewski O., Lu N., Spinoglio L., 2016, A&A, 587A, 45H. *The spatially resolved correlation between [NII] 205 μm line emission and the 24 μm continuum in nearby galaxies.*

11. Allaert F., Gentile G., Baes M., De Geyter G., **Hughes T. M.**, Lewis F., Bianchi S., De Looze I., Fritz J., Holwerda B., Verstappen J., Viaene S., 2015, A&A, 582, 18A. *HERschel Observations of Edge-on Spirals (HEROES). II: Tilted-ring modelling of the atomic gas disks.*
12. Agius N. K., di Serego Alighieri S., Viaene S., Baes M., Sansom A. E., Bourne N., Bland-Hawthorn J., Brough S., Davis T. A., De Looze I., Driver S. P., Dunne L., Dye S., Eales S. A., **Hughes T. M.**, Ivison R. J., Kelvin L. S., Maddox S., Mahajan S., Pappalardo C., Robotham A. S. G., Rowlands K., Temi P., Valiante E., 2015, A&A, 451, 3815A. *H-ATLAS/GAMA and HeViCS - Dusty Early-Type Galaxies in Different Environments.*
13. De Geyter G., Baes M., De Looze I., Bendo G. J., Bourne N., Camps P., Cooray A., De Zotti G., Dunne L., Dye S., Eales S. A., Fritz J., Furlanetto C., Gentile G., **Hughes T. M.**, Ivison R. J., Maddox S. J., Michaowski M. J., Smith M. W. L., Valiante E., Viaene S., 2015, A&A, 451, 1728D. *Dust energy balance study of two edge-on spiral galaxies in the Herschel-ATLAS survey.*
14. Viaene S., De Geyter G., Baes M., Fritz J., Bendo G. J., Boquien M., Boselli A., Bianchi S., Cortese L., Ct P., Cuillandre J.-C., De Looze I., di Serego Alighieri S., Ferrarese L., Gwyn S. D. J., **Hughes T. M.**, Pappalardo C., 2015, A&A, 579A, 103V. *NGC4370: a case study for testing our ability to infer dust distribution and mass in nearby galaxies.*
15. Boselli A., Fossati M., Gavazzi G., Ciesla L., Buat V., Boissier S., **Hughes T. M.**, 2015, A&A, 579A, 102B. *H α Imaging of the Herschel Reference Survey. The star formation properties of a volume-limited, K-band-selected sample of nearby late-type galaxies.*
16. Cormier D., Madden S. C., Lebouteiller V., Abel N., Hony S., Galliano F., Remy-Ruyer A., Bigiel F., Baes M., Boselli A., Chevance M., Cooray A., De Looze I., Doublier V., Galametz M., **Hughes T. M.**, Karczewski O. ., Lee M.-Y., Lu N., Spinoglio L., 2015, A&A, 578A, 53C. *The Herschel Dwarf Galaxy Survey: I. Properties of the low-metallicity ISM from PACS spectroscopy.*
17. Grossi M., Hunt L. K., Madden S. C., **Hughes T. M.**, Auld R., Baes M., Bendo G. J., Bianchi S., Bizzocchi L., Boselli A., Boquien M., Clemens M., Corbelli E., Cortese L., Davies J. I., De Looze I., di Serego Alighieri S., Fritz J., Pappalardo C., Pierini D., Remy-Ruyer A., Smith M. W. L., Verstappen J., Viaene S., Vlahakis C., 2014, A&A, 574A, 126G. *The Herschel Virgo Cluster Survey XVIII: star-forming dwarfs in a cluster environment.*
18. **Hughes T. M.**, Foyle K., Schirm M. R. P., Parkin T. J., De Looze I., Wilson C. D., Bendo G. J., Baes M., Fritz J., Boselli A., Cooray A., Cormier D., Karczewski O. ., Lebouteiller V., Lu N., Madden S. C., Spinoglio L., Viaene S., 2015, A&A, 575A, 17H. *Insights into gas heating and cooling in the disc of NGC 891 from Herschel far-infrared spectroscopy.*
19. Jones A., Bendo G., Baes M., Boquien M., Boselli A., De Looze I., Fritz J., Galliano F., **Hughes T. M.**, Lebouteiller V., Lu N., Madden S. C., Remy-Ruyer A., Smith M. W. L., Spinoglio L., Zijlstra A. A., 2014, MNRAS, 448, 168J. *The relationship between polycyclic aromatic hydrocarbon emission and far-infrared dust emission from NGC 2403 and M83.*
20. Bendo G. J., Baes M., Bianchi S., Boquien M., Boselli A., Cooray A., Cortese L., De Looze I., di Serego Alighieri S., Fritz J., Gentile G., **Hughes T. M.**, Lu N., Pappalardo C., Smith M. W. L., Spinoglio L., Viaene S., Vlahakis C., 2015, MNRAS, 448, 135B. *The identification of dust heating mechanisms in nearby galaxies using Herschel 160/250 and 250/350 μ m surface brightness ratios.*
21. Wu R., Madden S. C. , Galliano F., Wilson C. D., Kamenetzky J., Lee M.-Y., Schirm M. R. P., Hony S., Lebouteiller V., Spinoglio L., Cormier D., Glenn J., Maloney P. R., Pereira-Santaella M., Remy-Ruyer A., Baes M., Boselli A., Bournaud F., De Looze I., **Hughes T. M.**, Panuzzo P., Rangwala N., 2015, A&A, 575A, 88W. *Spatially resolved physical conditions of molecular gas and potential star formation tracers in M83 revealed by the Herschel SPIRE FTS.*
22. Pappalardo C., Bendo G. J., Bianchi S., Hunt L. K., Zibetti S., Corbelli E., di Serego Alighieri S., Davies J. I., Baes M., De Looze I., Fritz J., Pohlen M., Smith M. W. L., Verstappen J.,

- Boquien M., Boselli A., Cortese L., **Hughes T. M.**, Viaene S., Bizzocchi L., Clemens M., 2014, A&A, 573A, 129P. *The Herschel Virgo Cluster Survey: XVII. SPIRE point-source catalogs and number counts.*
23. De Looze I., Fritz J., Baes M., Bendo G. J., Cortese L., Boquien M., Boselli A., Camps P., Cooray A., Cormier D., Davies J. I., De Geyter G., **Hughes T. M.**, Jones A. P., Karczewski O. ., Lebouteiller V., Lu N., Madden S. C., Remy-Ruyer A., Spinoglio L., Smith M. W. L., Viaene S., Wilson C. D., 2014, A&A, 571, 69. *High-resolution, 3D radiative transfer modeling: I. The grand-design spiral galaxy M 51.*
24. Baes M., Allaert F., Sarzi M., De Looze I., Fritz J., Gentile G., **Hughes T. M.**, Puerari I., Smith M. W. L., Viaene S., 2014, MNRAS, 444, L90. *An extremely low gas-to-dust ratio in the dust-lane lenticular galaxy NGC5485.*
25. De Geyter G., Baes M., Camps P., Fritz J., De Looze I., **Hughes T. M.**, Viaene S., Gentile G., 2014, MNRAS, 441, 869. *The distribution of interstellar dust in CALIFA edge-on galaxies via oligochromatic radiative transfer fitting.*
26. Fuller C., Davies J. I., Auld R., Smith M. W. L., Baes M., Bianchi S., Bocchio M., Boselli A., Clemens M., Davis T., De Looze I., di Serego Alighieri S., Grossi M., **Hughes T. M.**, Viaene S., Serra P. , 2013, MNRAS, 440, 1571F. *The Herschel Fornax Cluster Survey II: FIR properties of optically-selected Fornax Cluster galaxies .*
27. Viaene S., Fritz J., Baes M., Bendo G. J., Blommaert J., Boquien M., Boselli A., Ciesla L., Cortese L., De Looze I., Gear W., Gentile G., **Hughes T. M.**, Jarrett T., Karczewski O. L., Smith M.W.L., Spinoglio L., Tamm A., Tempel E., Thilker D., Verstappen J., 2013, A&A, 567, 71. *The Herschel Exploitation of Local Galaxy Andromeda (HELGA) V. Dust scaling relations at sub-kpc resolution.*
28. **Hughes T. M.**, Baes M., Fritz J., Smith M.W.L., Parkin T.J., Gentile G., Bendo G. J., Wilson C. D., Allaert F., Bianchi S., De Looze I., Verstappen J., Viaene S., Boquien M., Boselli A., Clements D. L., Davies J. I., Galametz M., Madden S. C., Remy-Ruyer A., Spinoglio L., 2014, A&A, 565A 4H. *A resolved analysis of cold dust and gas in the nearby spiral NGC891.*
29. Ciesla L., Boquien M., Boselli A., Buat V., Cortese L., Bendo G. J., Heinis S., Eales S., Smith M.W.L., Baes M., Bianchi S., De Looze I., di Serego Alighieri S., Galametz M., Galliano F., **Hughes T. M.**, Madden S. C., Pierini D., Remy-Ruyer A., Spinoglio L., Vaccari M., Viaene S., 2014, A&A, 565 128. *Dust spectral energy distributions of gas-rich galaxies: an insight from the Herschel Reference Survey.*
30. Baes M., Herranz D., Bianchi S., Ciesla L., Clemens M., De Zotti G., Allaert F., Auld R., Bendo G.J., Boquien M., Boselli A., Clements D.L., Cortese L., Davies J. I., De Looze I., di Serego Alighieri S., Fritz J., Gentile G., Gonzalez-Nuevo J., **Hughes T. M.**, Smith M.W. L., Verstappen J., Viaene S., Vlahakis C., 2014, A&A, 562, 106B. *The Herschel Virgo Cluster Survey: XV. Planck submillimetre sources in the Virgo Cluster.*
31. Remy-Ruyer A., Madden S.C., Galliano F., Lebouteiller V., Galametz M., Takeuchi T.T., Asano R.S., Zhukovska S., Jones A., Bocchio M., Baes M., Bendo G.J., Boquien M., Boselli A., Cormier D., De Looze I., Doublier-Pritchard V., **Hughes T. M.**, Karczewski O.L., Spinoglio L. 2014, A&A., arXiv:1312.3442. *Gas-to-dust mass ratios in galaxies over a 2 dex metallicity range.*
32. Davies J. I., Bianchi S., Baes M., Bendo G.J., Clemens M., De Looze I., di Serego Alighieri S., Fritz J., Fuller C., Pappalardo C., **Hughes T. M.**, Madden S., Smith M.W. L., Verstappen J., Vlahakis C., 2014, MNRAS, 438, 1922. *The Herschel Virgo Cluster Survey XVI: a cluster inventory.*
33. **Hughes T. M.**, Cortese L., Boselli A., Gavazzi G., Davies J.I., 2013, A&A, 550A, 115H. *The role of cold gas and environment on the stellar mass - metallicity relation of nearby galaxies.*
34. Boselli A., **Hughes T. M.**, Cortese L., Gavazzi G., 2013, A&A, 550A, 114B. *Integrated spectroscopy of the Herschel Reference Survey.*

35. Davies J. I., Bianchi S., Baes M., Boselli A., Ciesla L., Clemens M., Davis T. A., De Looze I., di Serego Alighieri S., Fuller C., Fritz J., Hunt L. K., Serra P., Smith M. W. L., Verstappen J., Vlahakis C., Xilouris E. M., Bomans D., **Hughes T. M.**, Garcia-Appadoo D., Madden S., 2013, MNRAS, 428, 834D. *The Herschel Fornax Cluster Survey I. The bright galaxy sample.*
36. Eales S., Smith M.W.L., Auld R., Baes M., Bendo G.J., Bianchi S., Boselli A., Ciesla L., Clements D., Cooray A., Cortese L., Davies J.I., De Looze I., Galametz M., Gear W., Gentile G., Gomez H., Fritz J., **Hughes T. M.**, Madden S., Magrini L., Pohlen M., Spinoglio L., Verstappen J., Vlahakis C., Wilson C.D., 2012, ApJ, 761, 168E. *Can Dust Emission be Used to Estimate the Mass of the Interstellar Medium in Galaxies?*
37. Boselli A., Ciesla L., Cortese L., Buat V., Boquien M., Bendo G. J., Boissier S., Eales S., Gavazzi G., **Hughes T. M.**, Pohlen M., Smith M. W. L., Baes M., Bianchi S., Clements D. L., Cooray A., Davies J., Gear W., Madden S., Magrini L., Panuzzo P., Remy A., Spinoglio L., Zibetti S., 2012, A&A, 540A, 54B. *Far-infrared colours of nearby late-type galaxies in the Herschel Reference Survey.*
38. Cortese L., Ciesla L., Boselli A., Bianchi S., Gomez H., Smith M. W. L., Bendo G. J., Eales S., Pohlen M., Baes M., Corbelli E., Davies J. I., **Hughes T. M.**, Hunt L. K., Madden S. C., Pierini D., di Serego Alighieri S., Zibetti S., Boquien M., Clements D. L., Cooray A., Galametz M., Magrini L., Pappalardo C., Spinoglio L., Vlahakis C., 2012, A&A, 540A, 52C. *The dust scaling relations of the Herschel Reference Survey.*
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