

Thomas M. Hughes

Curriculum Vitae

CONTACT DETAILS	Instituto de Física y Astronomía Universidad de Valparaíso Avda. Gran Bretaña 1111 Valparaíso, Chile	<i>Tel:</i> +56 9 9901 3258 <i>Skype:</i> txhughes <i>Web:</i> txhughes.com <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 Associate Institute of Physics and Astronomy, University of Valparaiso, Chile	09/2015 - Present
	Research Scientist Astronomical Observatory, Ghent University, Belgium	03/2013 - 07/2015
	Kavli Research Fellow Kavli Institute for Astronomy and Astrophysics, Peking University, China	01/2011 - 12/2012
EDUCATION	Ph.D. in Extragalactic Astrophysics School of Physics and Astronomy, Cardiff University, United Kingdom <i>Supervisors:</i> Prof. Jonathan I. Davies & Dr. Luca Cortese <i>Thesis:</i> A phenomenological study of star formation and chemical evolution in nearby galaxies	10/2007 - 12/2010
	M.Sci. in Physics and Astronomy with Honours School of Physics and Astronomy, University of Birmingham, United Kingdom <i>Supervisors:</i> Dr. Louisa Nolan & Dr. Habib G. Khosroshahi <i>Dissertation:</i> The Local Early-type Galaxy Survey	10/2003 - 07/2007
HONOURS, AWARDS & PRIZES	Chartered Physicist , Institute of Physics Kavli Research Fellowship , KIAA, Peking University STFC Ph.D. Studentship , Cardiff University School of Physics & Astronomy Winner: Student Poster Competition , RAS National Astronomy Meeting, Belfast Summer Studentship , University of Birmingham School of Physics & Astronomy	2014 2011-2013 2007-2010 2008 2007
PROFESSIONAL ASSOCIATIONS	Chilean Astronomical Society (SOCHIAS) . Member. International Astronomical Union . Member. Astronomy and Astrophysics . Journal referee. Very Nearby Galaxies Survey . Co-investigator, P.I. C. D. Wilson. Herschel Observations of Edge-on Spirals . Co-investigator, P.I. M. Baes. SPIRE Specialist Astronomy Group 2 (SAG2) . Member. Herschel Exploitation of Local Galaxy Andromeda . Consultant, P.I. J. Fritz. European Astronomical Society . Member. Chinese IFU Lijiang Project . Co-investigator, P.I. L. Hao. GALEX Ultraviolet Virgo Cluster Survey . Co-investigator, P.I. A. Boselli. Herschel Fornax Cluster Survey . Co-investigator, P.I. J. Davies. Monthly Notices of the Royal Astronomical Society . Journal referee. Herschel Reference Survey . Consultant, P.I. S. Eales. Herschel Virgo Cluster Survey . Co-investigator, P.I. J. Davies. Royal Astronomical Society . Fellow. Institute of Physics . Member.	2016 2015 2015 2013 2013 2013 2013 2013 2012 2011 2011 2010 2008 2007 2002

OBSERVING EXPERIENCE	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: Image Reduction and Analysis Facility (IRAF), DS9, Topcat, Kepler, L ^A T _E X, GIMP, R, IDL, Supermongo, OpenOffice and Microsoft Office software.	
TEACHING & OUTREACH	Physics Laboratory Demonstrator for undergraduate students	2007 - 2010
	School of Physics and Astronomy, Cardiff University, United Kingdom	
	Chemistry and Physics Instructor	2005, 2006, 2009
	Science Camp Watonka, Hawley, Pennsylvania, USA	
	Physics and Maths Tutor for one GCSE student	2009
	School of Physics and Astronomy, Cardiff University, United Kingdom	
	Visiting Scientist in Schools providing outreach and careers advice	2010, 2012+
Wilnecote High and Monkton Combe School, United Kingdom		
	Judge at the UK National Science and Engineering Competition	2015
	National Exhibition Centre, United Kingdom	
CONFERENCES, WORKSHOPS & COLLOQUIA	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 of Belgium , Brussels	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>		
9th Sino-German Workshop on Galaxy Evolution , Hangzhou, China	2011	
Participant in splinter discussions		
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>		

Publications

REFEREED
JOURNAL
PUBLICATIONS

45 in total - 5 as first author, 2 as second author, h-index = 19

1. 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*
2. 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*
3. 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*
4. **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 μ m line emission and the 24 μ m continuum in nearby galaxies*
5. 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*
6. 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*
7. 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*
8. 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*
9. 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*
10. 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*

11. 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*
12. **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*
13. 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*
14. 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 μm surface brightness ratios*
15. 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*
16. 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*
17. 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*
18. 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*
19. 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*
20. 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*
21. 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*
22. **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*
 23. 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*
 24. 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*
 25. 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*
 26. 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*
 27. **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*
 28. Boselli A., **Hughes T. M.**, Cortese L., Gavazzi G., 2013, A&A, 550A, 114B. *Integrated spectroscopy of the Herschel Reference Survey.*
 29. 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*
 30. 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?*
 31. 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*
 32. 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*
33. Magrini L., Bianchi S., Corbelli E., Cortese L., Hunt L. K., Smith M. W. L., Vlahakis C., Davies J. I., Bendo G. J., Baes M., Boselli A., Clemens M., Casasola V., De Looze I., Fritz J., Giovanardi C., Grossi M., **Hughes T. M.**, Madden S. C., Pappalardo C., Pohlen M., de Serego Alighieri S., Verstappen J., 2011, A&A, 535A, 13M. *The Herschel Virgo Cluster Survey. IX. Dust-to-gas mass ratio and metallicity gradients in four Virgo spiral galaxies*
 34. Boselli A., Boissier S., Heinis S., Cortese L., Ilbert O., **Hughes T. M.**, Cucciati O., Davies J., Ferrarese L., Giovanelli R., Haynes M. P., Baes M., Balkowski C., Brosch N., Chapman S. C., Charmandaris V., Clemens M. S., Dariush A., de Looze I., di Serego Alighieri S., Duc P.-A., Durrell P. R., Emsellem E., Erben T., Fritz J., Garcia-Appadoo D. A., Gavazzi G., Grossi M., Jordn A., Hess K. M., Huertas-Company M., Hunt L. K., Kent B. R., Lambas D. G., Lanon A., MacArthur L. A., Madden S. C., Magrini L., Mei S., Momjian E., Olowin R. P., Papastergis E., Smith M. W. L., Solanes J. M., Spector O., Spekkens K., Taylor J. E., Valotto C., van Driel W., Verstappen J., Vlahakis C., Vollmer B., Xilouris E. M., 2011, A&A, 528A, 107B. *The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). I. The UV luminosity function of the central 12 sq. deg*
 35. Boselli A., Ciesla L., Buat V., Cortese L., Auld R., Baes M., Bendo G. J., Bianchi S., Bock J. J., Bradford M., Castro-Rodriguez N., Chanial P., Charlot S., Clemens M., Clements D. L., Corbelli E., Cooray A., Cormier D., Dariush A., Davies J. I., De Looze I., di Serego Alighieri S., Dwek E., Eales S. A., Elbaz D., Fritz J., Galametz M., Galliano F., Garcia-Appadoo D. A., Gavazzi G., Gear W. K., Glenn J., Gomez H. J., Griffin M., Grossi M., Hony S., **Hughes T. M.**, Hunt L., Isaak K. G., Jones A., Levenson L. R., Lu N., Madden S., O'Halloran B., Okumura K., Oliver S., Page M. J., Panuzzo P., Papageorgiou A., Parkin T. J., Perez-Fournon I., Pierini D., Rangwala N., Rigby E.E., Roussel H., Rykala A., Sacchi N., Sauvage M., Schulz B., Schirm M. R. P., Smith M. W. L., Spinoglio L., Stevens J. A., Sundar S., Symeonidis M., Trichas M., Vaccari M., Vigroux L., Verstappen J., Vigroux L., Vlahakis C., Wilson C., Wozniak H., Wright G. S., Xilouris E. M., Zeilinger W. W., Zibetti S. 2010, A&A, 518L, 61B. *FIR colours and SEDs of nearby galaxies observed with Herschel*
 36. De Looze I. , Baes M., Fritz J., Cortese L., Davies J. I., Verstappen J., Bendo G. J., Bianchi S., Clemens M., Bomans D. J., Boselli A., Corbelli E., Dariush A., di Serego Alighieri S., Fadda D., Garcia-Appadoo D. A., Gavazzi G., Giovanardi C., Grossi M., **Hughes T. M.**, Jones A., Hunt L. K., Madden S. C., Pierini D., Pohlen M., Sabatini S., Smith M. W. L., Vlahakis C., Xilouris E. M., 2010, A&A, 518L, 54D. *The Herschel Virgo Cluster Survey: VII. Dust in cluster dwarf elliptical galaxies*
 37. Baes M., Clemens M., Xilouris E. M., Fritz J., Cotton W. D., Davies J. I., Bendo G. J., Bianchi S., Cortese L., De Looze I., Pohlen M., Verstappen J., Bohringer H., Bomans D. J., Boselli A., Corbelli E., Dariush A., di Serego Alighieri S., Fadda D., Garcia-Appadoo D. A., Gavazzi G., Giovanardi C., Grossi M., **Hughes T. M.**, Jones, Hunt L. K., A. P., Madden S., Pierini D., Sabatini S., Smith M. W. L., Vlahakis C., Zibetti S. 2010, A&A, 518, 53B. *The Herschel Virgo Cluster Survey: VI. The far-infrared view of M87*
 38. Grossi M., Hunt L. K., Madden S., Vlahakis C., Bomans D. J., Baes M., Bendo G. J., Bianchi S., Boselli A., Clemens M., Corbelli E., Cortese L., Dariush A., Davies J. I., De Looze I., di Serego Alighieri S., Fadda D., Fritz J., Garcia-Appadoo D. A., Gavazzi G., Giovanardi C., **Hughes T. M.**, Jones A. P., Pohlen M., Sabatini S., Smith M. W. L., Verstappen J., Xilouris E. M., Zibetti S. 2010, A&A, 518L, 52G. *The Herschel Virgo cluster survey: V. Star-forming dwarf galaxies - dust in metal-poor environments*
 39. Smith M. W. L., Vlahakis C., Baes M., Bendo G. J., Bianchi S., Bomans D. J., Boselli A., Clemens M., Corbelli E., Cortese L., Dariush A., Davies J. I., De Looze I., di Serego

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