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CONTACT INFORMATION	International Centre for Radio Astronomy Research The University of Western Australia ICRAR-M468 35 Stirling Hwy, Crawley, WA 6009	<i>Phone:</i> +61 (0)8 6488 3663 <i>E-mail:</i> luca.cortese@uwa.edu.au
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EMPLOYMENT	<p><b>ARC Future Fellow</b> October 2018 to present ICRAR/The University of Western Australia, Australia</p> <p><b>Senior Research Fellow</b> September 2015 to present ICRAR/The University of Western Australia, Australia</p> <p><b>Research Fellow</b> January 2015 to August 2015 Swinburne University of Technology, Australia</p> <p><b>Research Associate</b> July 2013 to December 2014 Swinburne University of Technology, Australia</p> <p><b>Postdoctoral Fellow</b> August 2010 to June 2013 European Southern Observatory, Germany</p> <p><b>Postdoctoral Research Associate</b> January 2006 to June 2010 Cardiff University, UK</p>	
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EDUCATION	<p><b>Ph.D. in <i>Physics &amp; Astronomy Rayonnement et Plasmas</i></b> December 2005 University of Milano-Bicocca (Italy) &amp; University of Provence (France) Thesis: <i>Environmental effects on galaxy evolution in nearby clusters</i> Supervisors: <i>Prof. G.Gavazzi &amp; Dr. A.Boselli.</i></p> <p><b>B.S. in <i>Physics</i></b> June 2002 University of Milano-Bicocca (Italy) Thesis: <i>Star formation activity in two nearby clusters of galaxies: Coma &amp; A1367.</i> Supervisor: <i>Prof. G.Gavazzi.</i></p>	
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GRANTS	<p><b>Australian Research Council</b> Discovery Project, CI, 2021 (\$395k) Linkage Infrastructure, Equipment, Facilities, CI, 2019 (\$656k) Future Fellowship, CI, 2018 (\$853k) Discovery Project, CI, 2015 (\$326k)</p> <p><b>Department of Foreign Affairs, Trade</b> Australia-India Council collaboration grant, CI, 2018 (\$8k) Australia-Korea Foundation collaboration grant, CI, 2016 (\$14k)</p> <p><b>ICRAR/University of Western Australia</b> Conference support, 2019 (\$5k) Top-up contribution to Future Fellowship, 2018 (\$480k) Research Collaboration Award, CI, 2017 (\$12.5k)</p> <p><b>ASTRO3D Centre for Excellence</b> Conference grant, 2019 (\$17k) Several visitor grants, 2018- (\$5k)</p> <p><b>Research Foundation Flanders (FWO)</b> FWO Research Projects, CI, 2018 (Euro 322k)</p> <p><b>Swinburne University of Technology</b> Top-up contribution to Discovery Project, 2015 (\$10k)</p> <p><b>Major awards as Leading Investigator at space-based facilities</b> XMM Telescope - AOT11, 2011 (~\$6k) Herschel Space Telescope - OT1, 2010 (~\$24k) Galaxy Evolution Explorer - Cycle 6 Legacy, 2009 (~\$40k)</p> <p><b>Distinguished Visitor Grant</b> Australia Telescope National Facility, July-August 2012 (\$1k)</p>	

**Marie Curie Intra-European Fellowship** (declined)  
2<sup>nd</sup> ranked proposal in the Physics category, 2010 **Travel Grant**  
C R Barber Trust Fund grant for attending the 209th AAS meeting, 2006 (\$1k)  
**Bourses de thèse en co-tutelle**  
2 year grant. Université franco-italienne, 2003 (Euro 6k)  
**Ph.D. Fellowship in Physics & Astronomy**  
Winner as 1<sup>st</sup> ranked, University of Milano-Bicocca, 2002

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AWARDS

**ASTRO 3D Centre of Excellence**  
Best organised Conference 2019  
**Astronomical Society of India**  
Vainu Bappu Memorial Gold Medal 2012  
*For significant contributions to observational extragalactic astronomy*  
*Third Australia-based researcher to be awarded after B. Schmidt, M. Colless*  
**Swinburne Vice-Chancellor's Award**  
Highly commended mention in Research Excellence, 2014  
**Science Award**  
NVO Summer school, 2006

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SUPERVISION

**Postdoctoral Research Associate**  
A. Watts. UWA, 2021-  
A. Fraser-McKelvie. UWA, 2020-  
A. Tiley. UWA, 2019-2020  
K. Guo. UWA, 2018-2019  
S. Janowiecki. UWA, 2015-2018  
R. Bassett. UWA, 2016-2017  
K. Gereb. Swinburne University, 2014-2017  
**Ph.D. students**  
M. Saraf, associate supervisor. UWA, 2021-  
A. Ristea, primary supervisor. UWA, 2021-  
J. Hardwick, primary supervisor. UWA, 2018-  
O. Osman, associate supervisor. UWA, 2018-  
A. Watts, associate supervisor. UWA, 2018-2021  
R. Cook, associate supervisor. UWA, 2017-2020  
W. Wenkai, associate supervisor. UWA, 2018-2020  
T. Brown, associate supervisor. Swinburne University, 2014-2017  
T. M. Hughes, primary supervisor. Cardiff University, 2007-2010  
**Master students**  
J. Pinto-Correia, primary supervisor. UWA, 2020-2021  
F. Alosaimi, primary supervisor. UWA, 2018-2019  
L. Giordano, co-supervisor. University of Milano-Bicocca, 2003-2005  
**Undergraduate students**  
Supervision of 3<sup>rd</sup>, 4<sup>th</sup> year project students. Cardiff University, 2008-2010  
**Summer/Winter students**  
UWA BPhil Research Placement. University of Western Australia, 2020-  
UWA Winter Internship program. University of Western Australia, 2018  
ICRAR Summer studentship program. University of Western Australia, 2016  
Nuffield Program. Cardiff University, 2008

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TEACHING &  
OUTREACH

**Undergraduate Teaching**  
*Research & Development Project 1* Swinburne University, 2015  
Project design, supervision, grading  
*Topics in Astronomy*. Cardiff University, 2008  
Lecturer, project supervision, grading  
*Galaxies*. Cardiff University, 2007-2010  
Lecturer  
*Astrophysics Laboratory*. University of Milano-Bicocca, 2003-2005  
Lecturer, lab. demonstrations, training at the telescope, grading  
**Post-graduate Teaching**  
*Optical Astronomy Techniques* University of Western Australia. 2016-2021

Lecturer  
Swinburne Astronomy Online. 2014-2015  
Project design, supervision, grading  
*Extragalactic Astronomy*. Cardiff University, 2007-2010  
Lecturer

### **Outreach**

Regular radio interviews for *SBS-Italy*. 2015-  
Contributions to the *Swinburne Astronomy Online Newsletter*. 2014  
*Research in Residence program*. Cardiff, 2008

## LEADERSHIP & MANAGEMENT ROLES

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### **International Survey Teams**

*WALLABY Survey*  
Multi-wavelength Synergies Working Group, Coordinator, 2019-  
*Hector Galaxy Survey*  
Team Executive member, 2021-  
Radio Synergies Working Group, Coordinator, 2020-  
*SAMI Galaxy Survey*  
Team Executive member, 2016-2022  
Science Coordinator, 2016-2022  
Quality Control Working Group, Coordinator, 2014-2021  
Galaxy Transformation Working Group, Coordinator, 2013-2021  
*GALEX Ultraviolet Virgo Cluster Survey*  
Core team member, co-led survey planning, 2010-2020  
*Herschel Reference Survey* (Herschel GT key program)  
Principal Investigator of PACS, GALEX Legacy follow-up and  
responsible for the planning of SPIRE observations, 2008-2015  
*Herschel Virgo Cluster Survey* (Herschel OT key program)  
Management team member, responsible for multi-wavelength follow-up, 2008-2015

### **University Roles**

ICRAR Graduate Program, Director, UWA, 2021-  
ICRAR Education Curriculum committee (co-chair), UWA, 2017-  
UWA Gender Equity Committee member, UWA, 2019-  
EMS Gender Equity Committee member, UWA, 2019-2020  
Diversity, Equity Committee member, UWA, 2017-2021 (Chair in 2019-2020)  
PhD students mentor, UWA, 2016-  
PhD students review panels, UWA, 2017-  
Postdoc representative at CAS/Swinburne Academic staff meetings, 2013-2015  
PhD students review panels, Swinburne University of Technology, 2013-2015  
PhD students selection committee, Swinburne University of Technology, 2013

### **Conference/Meeting Organization**

Scientific Organizing Committee  
*The role of nurture on the Star Formation cycle of satellite galaxies*, EAS2021, June 2021  
*SKA Pathfinder HI Survey Coordination Committee workshop*, Cagliari, May 2020  
*KIAA Forum on Gas in Galaxies* Beijing, Sep. 2019  
*The life, death of star-forming galaxies* Perth, Mar. 2019  
*Ram Pressure stripping, galaxy evolution* Prague, Jun. 2017  
*The Many Pathways to Galaxy Growth* Prato, Jun. 2015  
*Resolved, unresolved stellar populations* ESO, Oct. 2014  
*The Role of Hydrogen in the Evolution of Galaxies* Kuching, Sept. 2014  
*GALEX Fest: Exploring the UV Universe* Pasadena, Sept. 2012

### **Local Organizing Committee**

*The life, death of star-forming galaxies* Perth, Mar. 2019  
*The Role of Hydrogen in the Evolution of Galaxies* Kuching, Sept. 2014  
*ALMA Community Days* ESO, Apr. 2011 & Jun. 2012  
*Fornax, Virgo, Coma et al.* ESO, Jul. 2011  
*The impact of Herschel surveys on ALMA Early Science* ESO, Nov. 2010  
*IAU Symposium 244 Dark Galaxies, Lost Baryons* Cardiff, Jun. 2007

### **Seminar Organizer**

Weekly Astronomy Seminars, University of Western Australia, 2016-2018  
Astro-ph Coffee, Swinburne University of Technology, 2013-2015  
Weekly Astronomy Seminars, Cardiff University, 2007-2009

PROFESSIONAL  
ACTIVITIES

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**Telescope TAC**

ASTROSAT telescope, 2017-  
Keck Telescope (Swinburne time), 2014-2015  
International Time Programmes at the ING observatory (external reviewer), 2012  
Canada French Hawaii Telescope (external reviewer), 2011, 2012, 2015

**National and International Committees**

AAL Science Advisory Committee, 2021-  
Australian Astronomical Observatory (chair in 2017-2018), 2014-2018

**Grant Peer Reviewer**

UK Science, Technology Facilities Council, 2018  
Australia Research Council - Discovery scheme, 2016-  
National Research Foundation - South Africa, 2014-  
Royal Society - Short Visit scheme, 2008

**Journal Referee**

A&A, ApJ, ApJS, JOAA, MNRAS, PASJ, PASA, Science, 2006-

**External PhD examiner**

Yonsei University (2016), McMaster University (2017), Jawaharlal Nehru University (2020)

**Duty work at the European Southern Observatory**

ALMA Astronomer on Duty, 2011-2012

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PROFESSIONAL  
MEMBERSHIPS

**EMU survey**, 2021-

**VERTICO survey**, 2019-

**MAGPI survey**, 2019-

**DEVILS survey**, 2018-

**HECTOR survey**, 2018-

**Australian SKA Team**, 2014-

**Australian Astronomical Society**, 2013-

**SAMI Galaxy Survey**, 2013-

**WALLABY** (Widefield ASKAP L-Band Legacy All-sky Blind Survey), 2013-

**xGASS** (Low mass extension of the GASS survey), 2012-

**COLD GASS** (CO Legacy Database for GASS), 2010-2015

**GUViCS** (GALEX Ultraviolet Virgo Survey), 2010-

**HRS** (Herschel Reference Survey), 2008-

**H-ATLAS** (Herschel Astrophysical Terahertz Large Area Survey), 2008-2015

**HeViCS/HeFoCS** (Herschel Virgo/Fornax Cluster Surveys), 2008-2015

**SAG2** (SPIRE Specialist Astronomy Group 2), 2007-2015

**AGES** (Arecibo Galaxy Environment Survey), 2006-2010

**GALEX** (Galaxy Evolution Explorer) mission, 2004-2011

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OBSERVING  
EXPERIENCE

**Optical Astronomy**

Extensive experience with optical broad-band, H $\alpha$  narrow-band imaging, long-slit, MOS, IFU spectroscopy of nearby galaxies. In particular with the 1.5m Loiano telescope, the 4.2m WHT, the 1.93m OHP telescope, the 3.6m ESO telescope and AAT.

**Millimeter & Sub-millimeter Astronomy**

Two weeks observing experience with ALMA as ESO Astronomer on Duty.

Experience with the IRAM 30m telescope (MAMBO, EMIR receivers).

**Radio Astronomy**

Experience with single-dish HI-line spectroscopy with the 305m Arecibo radio telescope, using both the L-band wide and the ALFA multi-beam receivers.

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OBSERVING  
PROPOSALS

**Awarded time as P.I.**

XMM-Newton, GALEX (Legacy proposal), ASTROSAT, VLT, NTT, TNG, WHT, Herschel, JCMT, IRAM, VLA, ANU/2.3m, ALMA.

**Awarded time as Co.I.**

XMM-Newton, GALEX, Keck, VLT, NTT, INT, Kitt Peak, OHP, TNG, ANU, Spitzer, Herschel, IRAM, APEX, JCMT, Arecibo, ATCA, VLA, GMRT, Nobeyama, ALMA, AAT, ANU/2.3m.

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INVITED TALKS &  
COLLOQUIA

- 1st KooGiG-Junior workshop** (Beijing, China): *The role of cold gas stripping on the quenching of satellite galaxies* (2021)
- Macquarie University** (Sydney, Australia): *The gas-star formation cycle of galaxies across environments* (2021)
- University of Victoria** (Victoria, Canada): *The connection between structure and star formation cycle in nearby galaxies* (2021)
- University of Southampton** (Southampton, UK): *Cold gas content in the local Universe* (2020)
- MAVIS Australia Workshop** (Sydney, Australia): *The promise of MAVIS for understanding the astro-PHYSICS of galaxy evolution* (2019)
- National Centre for Radio Astrophysics of India** (Pune, India): *Cold gas in galaxies - the legacy of single-dish surveys in the SKA era* (2019)
- Inter-University Centre for Astronomy, Astrophysics** (Pune, India): *Galaxy Transformation in the local Universe* (2019)
- Christ University** (Bangalore, India): *A multi-wavelength view of nearby galaxies* (2019)
- Indian Institute of Astrophysics** (Bangalore, India): *Galaxy Transformation in the local Universe* (2019)
- Gas Fuelling of Galaxy Structures across Cosmic Time** (Barossa, Australia): *Challenging H2 domination, turbulence in the ISM* (2018)
- Local Universe with Calar Alto workshop** (Marseille, France): *The SAMI Galaxy Survey* (2018)
- KIAA Forum of Gas in Galaxies** (Beijing, China): *Review on Environmental Effects, Quenching* (2018)
- Galaxy Evolution in Groups, Clusters at 'low' Redshift: Theory, Observations** (Ringberg, Germany): *Observational review on clusters, groups* (2017)
- Hunstead Workshop on Galaxian Processes** (Sydney, Australia): *Dynamical scaling relations in galaxies* (2017)
- Space Telescope Science Institute**: *Cold gas, kinematic scaling relations in the local Universe* (2017)
- NASA Goddard Space Flight Centre**: *Galaxy Transformation in the local Universe* (2017)
- In & Out. What rules the Galaxy Baryon Cycle?** (Garching, Germany): *Ram-pressure vs. Starvation: An ill-defined dichotomy?*
- Southern Cross Conference** (Sydney, Australia): *The synergy between radio-line, optical integral-field spectroscopic surveys* (2017)
- Mock Perth Conference** (Perth, Australia): *Global ISM scaling relations: why should we care?* (2017)
- Hector Science Workshop** (Sydney, Australia): *Transformational Science with Hector* (2017)
- Yonsei University**: *Galaxy Transformation in the local Universe* (2016)
- The Changing Face of Galaxies** (Hobart, Australia): *What are the physical reasons behind morphological transformations at  $z \approx 0$ ?* (2016)
- The Interplay between Local, Global Processes in Galaxies** (Cozumel, Mexico): *ISM, dynamical scaling relations in the local Universe* (2016)
- University of Melbourne**: *Galaxy Transformation in the local Universe* (2014)
- Australian Astronomical Observatory**: *Galaxy Transformation, Quenching in the local Universe* (2014)
- University of Sydney**: *Galaxy Transformation, Quenching in the local Universe* (2014)
- International Centre for Radio Astronomy Research Perth**: *The effect of the cluster environment on the star formation cycle of nearby galaxies* (2013)
- The Physics of Star Formation, its Role in Galaxy Evolution** (conference held in Trieste): *The effect of the cluster environment on the star formation cycle of nearby galaxies* (2012)
- Swinburne University of Technology**: *The Herschel Reference Survey: Gas, Dust, Star formation, Metals in the local Universe* (2012)
- University of Sydney**: *The Herschel Reference Survey: Gas, Dust, Star formation, Metals in the local Universe* (2012)
- ATNF, Sydney**: *The Herschel Reference Survey: Gas, Dust, Star formation, Metals in the local Universe* (2012)

**University of Hertfordshire:** *The Herschel Reference Survey: Gas, Dust, Star formation, Metals in the local Universe* (2012)

**Universidad de Concepcion:** *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

**Joint ALMA Observatory, Santiago:** *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

**University of Innsbruck:** *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

**ALMA Community Days** (conference held in Garching): *Extragalactic Astronomy with ALMA* (2011)

**Netherlands Institute for Radio Astronomy, ASTRON:** *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

**Osservatorio Astronomico di Arcetri, Firenze:** *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

**Max Planck Institute for Extragalactic Astronomy, Garching:** *The role of the cluster environment on the star formation cycle of nearby galaxies* (2010)

**Liverpool John Moores University:** *Evolutionary paths to, from the red sequence at  $z \sim 0$*  (2010)

**Galaxy Formation** (conference held in Sesto): *Evolutionary paths to, from the red sequence at  $z \sim 0$*  (2009)

**Nottingham University:** *Evolutionary paths to, from the red sequence at  $z \sim 0$*  (2009)

**Oxford University:** *Evolutionary paths to, from the red sequence at  $z \sim 0$*  (2008)

**Max Planck Institute for Astronomy, Heidelberg:** *Star formation quenching in nearby spiral galaxies* (2008)

**University of Hertfordshire:** *The role of the environment on galaxy evolution* (2008)

**Observatoire de Marseille-Provence:** *The properties, evolution of late type galaxies in galaxy clusters* (2007)

**Cardiff University:** *The Ultraviolet side of the local Universe: Unveiling the evolution of nearby galaxy using GALEX* (2007)

**National Astronomy, Ionosphere Center (Arecibo Observatory):** *Galaxy Preprocessing in the local Universe: the case of a starbursting group infalling into Abell1367* (2006)

**Cardiff University:** *The role of the environment on the evolution of galaxies in nearby clusters* (2005)

**Osservatorio Astronomico di Brera:** *A starbursting group infalling into Abell1367* (2004)

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**238 in total (27 as 1<sup>st</sup> author, 22 as 2<sup>nd</sup> author, 37 as 3<sup>rd</sup> author). H-index=66**

Papers are split into three categories to clearly highlight my contribution.

Each category is listed in reverse chronological order.

### First & Second Author Publications

49. Hardwick J. A., **Cortese L.**, Obreschkow D., Catinella B., Cook R. H. W., 2022, MNRAS, 509, 3751  
*xGASS: characterizing the slope, scatter of the stellar mass-angular momentum relation for nearby galaxies*
48. Hu W., **Cortese L.**, Staveley-Smith L., Catinella B., Chauhan G., Lagos C., Oosterloo T., Chen X., 2021, MNRAS, 507, 5580  
*The atomic hydrogen content of galaxies as a function of group-centric radius*
47. **Cortese L.**, Catinella B., Smith R., 2021, PASA, 38, e35  
*The Dawes Review 9: The role of cold gas stripping on the star formation quenching of satellite galaxies*
46. Fraser-McKelvie A., **Cortese L.**, van de Sande J., Bryant J. J., Catinella B., Colless M., Croom S. M., Groves B., Medling A. M., Scott N., Sweet S. M., Bland-Hawthorn J., Goodwin M., Lawrence J., Lorente N., Owers M. S., Richards S. N., 2021, MNRAS, 503, 4992  
*A SAMI, MaNGA view on the stellar kinematics of galaxies on the star-forming main sequence*
45. **Cortese L.** Catinella B., Cook R. H. W., Janowiecki S., 2020, MNRAS, 494, L42  
*xGASS: passive discs do not host unexpectedly large reservoirs of cold atomic hydrogen*
44. Cook R. H. W., **Cortese L.** Catinella B. Robotham A., 2020, MNRAS, 493, 5596  
*xGASS: the role of bulges along, across the local star-forming main sequence*
43. Guo K., **Cortese L.** Obreschkow D., Catinella B., van de Sande J., Croom Scott M., Brough S., Sweet S., Bryant J. J., Medling A., Bland-Hawthorn J., Owers M., Richards S. N., 2020, MNRAS, 491, 773  
*The SAMI Galaxy Survey: the contribution of different kinematic classes to the stellar mass function of nearby galaxies*
42. Cook R. H. W., **Cortese L.** Catinella B., Robotham A., 2019, MNRAS, 490, 4060  
*xGASS: The impact of photometric bulges on the scatter of HI scaling relations*
41. **Cortese L.** van de Sande J., Lagos C. P., Catinella B., Davies L. J. M., Croom S. M., Brough S., Bryant J. J., Lawrence J. S., Owers M. S., Richards S. N., Sweet S. M., Bland-Hawthorn J., 2019, MNRAS, 485, 2656  
*The SAMI Galaxy Survey: satellite galaxies undergo little structural change during their quenching phase*
40. Janowiecki S., **Cortese L.** Catinella B., Goodwin A. J., 2018, MNRAS, 476, 1390  
*Lurking systematics in predicting galaxy cold gas masses using dust luminosities, star formation rates*
39. Medling A. M., **Cortese L.** Croom S. M., Green A. W., Groves B., Hampton E., Ho I.-T., Davies L. J. M., Kewley L. J., Moffett A. J., Schaefer A. L., Taylor E., Zafar T., Bekki K., Bland-Hawthorn J., Bloom J. V., Brough S., Bryant J. J., Catinella B., Cecil G., Colless M., Couch W. J., Drinkwater M. J., Driver S. P., Federrath C., Foster C., Goldstein G., Goodwin M., Hopkins A., Lawrence J. S., Leslie S. K., Lewis G. F., Lorente N. P. F., Owers M. S., McDermid R., Richards S. N., Sharp R., Scott N., Sweet S. M., Taranu D. S., Tescari E., Tonini C., van de Sande J., Walcher C. J., Wright A., 2018, MNRAS, 475, 5194  
*The SAMI Galaxy Survey: spatially resolving the main sequence of star formation*
38. Brown T., **Cortese L.** Catinella B., Kilborn V., 2018, MNRAS, 473, 1868  
*The role of atomic hydrogen in regulating the scatter of the mass-metallicity relation*
37. Tescari E., **Cortese L.** Power C., Wyithe J. S. B., Ho I.-T., Crain R. A., Bland-Hawthorn J., Croom S. M., Kewley L. J., Schaye J., Bower R. G., Theuns T., Schaller M., Barnes L., Brough S., Bryant J. J., Goodwin M., Gunawardhana M. L. P., Lawrence J. S., Leslie S. K.,

- López-Sánchez Á. R., Lorente N. P. F., Medling A. M., Richards S. N., Sweet S. M., Tonini C., 2018, MNRAS, 473, 380  
*The SAMI Galaxy Survey: understanding observations of large-scale outflows at low redshift with EAGLE simulations*
36. **Cortese L.** Catinella B., Janowiecki S., 2017, ApJ, 848, L7  
*ALMA Shows that Gas Reservoirs of Star-forming Disks over the Past 3 Billion Years Are Not Predominantly Molecular*
35. **Cortese L.** Fogarty L. M. R., Bekki K., van de Sande J., Couch W., Catinella B., Colless M., Obreschkow D., Taranu D., Tescari E., Barat D., Bland-Hawthorn J., Bloom J., Bryant J. J., Cluver M., Croom S. M., Drinkwater M. J., d'Eugenio F., Konstantopoulos I. S., Lopez-Sanchez A., Mahajan S., Scott N., Tonini C., Wong O. I., Allen J. T., Brough S., Goodwin M., Green A. W., Ho I.-T., Kelvin L. S., Lawrence J. S., Lorente N. P. F., Medling A. M., Owers M. S., Richards S., Sharp R., Sweet S. M., 2016, MNRAS, 463, 4194  
*The SAMI Galaxy Survey: the link between angular momentum, optical morphology*
34. **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, 3574  
*The selective effect of environment on the atomic, molecular gas-to-dust ratio of nearby galaxies in the Herschel Reference Survey*
33. Catinella B., **Cortese L.** 2015, MNRAS, 446, 3526  
*HIGHz: A Survey of the Most HI-Massive Galaxies at  $z \sim 0.2$*
32. **Cortese L.** Fogarty L. M. R., Ho I.-T., Bekki K., Bland-Hawthorn J., Colless M., Couch W., Croom S. M., Glazebrook K., Mould J., Scott N., Sharp R., Tonini C., Allen J. T., Bloom J., Bryant J. J., Cluver M., Davies R. L., Drinkwater M., Goodwin M., Green A., Kewley L. J., Kostantopoulos I. S., Lawrence J. S., Mahajan S., Medling A. M., Owers M., Richards S. N., Sweet S. M., Wong O. I., 2014, ApJL, 795, L37  
*The SAMI Galaxy Survey: Toward a unified dynamical scaling relation for galaxies of all types*
31. **Cortese L.** Fritz J., Bianchi S., Boselli A., Ciesla L., Bendo G. J., Boquien M., Roussel H., Baes M., Buat V., Clemens M., Cooray A., Cormier D., Davies J. I., De Looze I., Eales S. A., Fuller C., Hunt L. K., Madden S., Munoz-Mateos J., Pappalardo C., Pierini D., Rémy-Ruyer A., Sauvage M., di Serego Alighieri S., Smith M. W. L., Spinoglio L., Vaccari M., Vlahakis C., 2014, MNRAS, 440, 942  
*PACS photometry of the Herschel Reference Survey – Far-infrared/sub-millimeter colours as tracers of dust properties in nearby galaxies*
30. Boselli A., **Cortese L.** Boquien M., Boissier S., Catinella B., G. Gavazzi, Lagos C., Sain-  
tonge A. 2014, A&A, 564, 67  
*Cold gas properties of the Herschel Reference Survey. III. Molecular gas stripping in cluster galaxies*
29. Boselli A., **Cortese L.** Boquien M., Boissier S., Catinella B., Lagos C., Sain-  
tonge A. 2014, A&A, 564, 66  
*Cold gas properties of the Herschel Reference Survey. II. Molecular, total gas scaling relations*
28. Boselli A., **Cortese L.** Boquien M., 2014, A&A, 564, 65  
*Cold gas properties of the Herschel Reference Survey. I.  $12CO(1-0)$ , HI data*
27. Hughes T. M., **Cortese L.** Boselli A., Gavazzi G., Davies J. I., 2013, A&A, 550, 115  
*The role of cold gas, environment on the stellar mass - metallicity relation of nearby galaxies*
26. **Cortese L.** Boissier S., Boselli A., Bendo G. J., Buat V., Davies J. I., Eales S., Heinis S., Isaak K. G., Madden S. C., 2012, A&A, 544, 101  
*The GALEX view of the Herschel Reference Survey - Ultraviolet structural properties of nearby galaxies*
25. **Cortese L.** 2012, A&A, 543, 132  
*Are passive red spirals truly passive? - The current star formation activity of optically-red disc galaxies*



24. **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*, 540, 52  
*The dust scaling relations of the Herschel Reference Survey*
23. Scott T. C., **Cortese L.** Brinks E., Bravo-Alfaro H., Auld R., Minchin R., 2012, *MNRAS*, 419, L19  
*Two long HI tails in the outskirts of Abell 1367*
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