

# Marcella Massardi

## Curriculum Vitae

INAF-Istituto di Radioastronomia  
Italian ARC node  
Via Gobetti 101 Bologna  
✉ marcella.massardi@inaf.it

### Personal and contact details

**Current position:** Researcher (Ricercatore T.I. III Livello)  
at INAF - Istituto di Radioastronomia  
**Institute address:** Via Gobetti 101  
40129, Bologna  
**Phone:** [REDACTED]  
**E-mail:** massardi@ira.inaf.it

### Education and Professional positions

- Since 2011 **Manager of the Italian Node of the ALMA Regional Centre**, at INAF-Istituto di Radioastronomia, Bologna.
- Since 2011 **Permanent position as Ricercatore III livello**, at INAF-Istituto di Radioastronomia, Bologna.
- 2008-2011 **Post-Doc position**, at INAF-Osservatorio Astronomico di Padova.
- 2004-2008 **Ph.D. in Astrophysics**, at SISSA, Trieste.
- **Ph.D. Thesis:** "*The extragalactic sources at mm wavelengths and their role as CMB foregrounds*," under the supervision of [REDACTED] (INAF-OAPd), [REDACTED] (ATNF-CSIRO), Luigi Danese (SISSA)
- 2004-2008 **Enrolled as student in the Australia Telescope National Facilities Graduate Student Program**, under supervision of [REDACTED] (ATNF-CSIRO).
- 2004 **Postgraduation grant**, at INAF, Osservatorio Astronomico di Padova.
- **Project title:** "*Realizzazione di un database che raccolga tutte le informazioni presenti in letteratura sui cataloghi ACO e ROSAT*" under the supervision of [REDACTED] (INAF-OAPd)
- 1999-2003 **Graduation in Astrophysics**, at Università degli studi di Padova.
- **Graduation Thesis:** "*The Sunyaev-Zel'dovich effect in galaxy clusters*" under the supervision of [REDACTED] (UNIPD), [REDACTED] (INAF-OAPd)

### Roles in international projects and collaborations

- Since 2018 **PI of the Development Project for ALMA Upgrade, "Additional Representative Images for Legacy (ARI-L)",** approved for execution in 2019 by the ALMA Director, JAO and ESO and funded by ESO. In 3 years, the project will produce and ingest to the ALMA archive pipeline-generated images for more than 70% of ALMA cycle 2-4 projects..
- 2017-2018 **PI for the ALMA ESO Upgrade Feasibility Study, 'ALMA Re-Imaging',** The study has been approved in the 2016 'Call for Development studies for the ALMA upgrade' and was the basis for the subsequent submission of the ARI-L project .
- Since 2018 **Member of the WP1 of the ERC Synergy Grant 'BlackHoleCam',** (PI: Falcke). Involved in the imaging and calibration pipeline testing with CASA.
- 2018-2020 **Responsible for the ALMA Data Mining working group,** The ADAM group encloses members of the European ARC nodes interested to the development and user support of the the ALMA Science Archive.
- Since 2019 **INAF National Responsible for the 2017 PRIN-MIUR, *Opening the ALMA window on the cosmic evolution of gas, stars and supermassive black holes,*** ██████████ (University of Bologna).
- 2017-2019 **UdR responsible for the PRIN-INAF SKA/CTA, 'FORmation and Evolution of Cosmic STructures (FORECaST) with Future Radio Surveys',** PI I. Prandoni (INAF-IRA).
- 2016-2020 **Responsible for the WP5 'Access and knowledge distribution' of the H2020 Project, Italian National Responsible, Member of the management team and of the General Assembly, 'Advanced European Network of E-infrastructures for Astronomy with the SKA - AENEAS',** PI: Wise- Van-Haarlem, (ASTRON). [www.aeneas2020.eu](http://www.aeneas2020.eu). The project defined the conditions for the European network of SKA Regional Centres and the interaction scheme with its distributed user community.
- 2013-2017 **Responsabile WP3 'ARC Development' of the PRIN MIUR, 'i-ALMA',** PI: Testi (ESO). The project was intended to improve the condition to access and contribute to the ALMA development for the italian community.
- 2012-2015 **PI and national coordinator of the PRIN INAF 2012, 'Looking into the dust-obscured phase through cosmic zoom lenses in the Herschel Astrophysical Terahertz Large Area Survey',** The project investigated the properties of sub-mm galaxies at redshift  $> 1.5$  exploiting gravitational lensing magnification with observations in sub-mm, radio and X-ray bands.
- Since 2013 **Member of the "Evolutionary Map of the Universe" (EMU) collaboration for a survey with ASKAP.**
- 2008-2017 **Member of the 'Herschel ATLAS collaboration.**
- 2008-2012 **Member of the collaboration for the Australia Telescope 20 GHz Survey.**
- 2004-2015 **Member of the 'Planck collaboration', Planck Scientist and member of the Core Team for the Planck Low Frequency Instrument.**

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## Honors & Awards

- Gruber Prize for Cosmology 2018 as Planck Scientist  
<https://gruber.yale.edu/cosmology/2018/planck-team>

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## Teaching experiences

- Since 2014, teacher for the "Sub-mm astronomy" course to the Astrophysics PhD students at SISSA (Trieste).
- In 2015, teacher to the Scuola Nazionale di Astrofisica F. Lucchin for PhD students in Astrophysics  
<http://www.arcetri.astro.it/~lt/scuola2015/first-circular.html>

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## Supervision of student projects

- Since 2020 **Co-supervisor of [REDACTED] PhD thesis project**, Supervisor [REDACTED], SISSA.
- 2018-2021 **Co-supervisor of [REDACTED] PhD thesis project**, Supervisor [REDACTED] SISSA.
- 2017-2018 **Co-supervisor of master thesis by [REDACTED]**, "*On the dust and gas content of high-redshift galaxies hosting obscured AGN in the CDF-S*", Supervisor [REDACTED], University of Bologna,  
<https://amslaurea.unibo.it/16377/>.
- 2016-2017 **Co-supervisor of the master thesis by [REDACTED]**, "*Unveiling the inner morphology and gas kinematics of NGC 5135 with ALMA*", Supervisor [REDACTED], University of Bologna,  
<http://amslaurea.unibo.it/14062/>.
- 2014-2018 **Supervisor of the PhD thesis by [REDACTED]**, "*Multi-frequency polarimetric study of a complete sample of extragalactic radio sources: radio source populations and cosmological perspectives*", co-supervisor [REDACTED], University of Bologna,  
<http://amsdottorato.unibo.it/8650/>.
- 2014 **Proposer for the PhD thesis project**, "*Multi-frequency study of radio source polarimetry in millimetric bands*", approved in the 2014 INAF call for PhD thesis and funded by the i-ALMA Premiale project, and assigned to [REDACTED] at University of Bologna..
- 2014 **Co-supervisor of the master thesis by [REDACTED]**, "*Observability of High Density Tracing Molecular Lines in Lensed Galaxies with the Atacama Large Millimeter Array*", supervisor [REDACTED], University of Bologna,  
<https://amslaurea.unibo.it/7232/>.

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## Contribution to observative Proposals

- PI of one successful ALMA proposal (2016.2.00172.S) and Co-I in more than 30 observative proposals with ALMA, of which more than 15 were successful
- PI of 5 successful ATCA proposal and Co-I of more than 15 ATCA proposal of which more than half were successful
- PI of one successful Chandra proposal
- Co-I of several successful JVLA, PdB and APEX proposals

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## Organization of events

### International conferences

- SOC of the 'Multi-messenger astronomy with SKA precursors and pathfinders', 12-15 May 2019, Aveiro, Portugal <http://mmska2019.av.it.pt>
- SOC of the 'Centimetre-Sub-Millimetre Q&U (and V) European Southern Observatory (QUESO) Workshop', 25-27 October 2017, Garching, Germany <https://www.eso.org/sci/meetings/2017/QUESO2017.html>
- SOC of the 'The first Pietro Baracchi conference' 1-4 November 2016, Perth, Western Australia <http://www.atnf.csiro.au/research/conferences/2016/Baracchi>
- LOC of the 'Views on the Interstellar Medium in galaxies in the ALMA era' 02-06 September 2019, Bologna, Italy

### Events organized by the Italian ARC node

- SOC and LOC of the 'SKA data challenges workshop: analysis, archive, and access basics', 30 September- 02 October 2019, IRA Bologna, Italy
- SOC and LOC of the 'ALMA Science and Proposals Workshop', 25-27 February 2019, IRA Bologna, Italy
- LOC of the 'Self-calibration and advanced imaging workshop' 11-13 December 2017, IRA Bologna, Italy
- LOC of the "Quarto Workshop sull'Astronomia Millimetrica in Italia", 7-10 November 2017, IRA Bologna, Italy
- LOC of the 'ALMA proposal preparation day 2017', 4-5 April 2017, IRA Bologna, Italy
- LOC of the 'ALMA Archive and Imaging Pipeline Workshop', 24-25 January 2017, IRA Bologna, Italy
- LOC of the 'ALMA proposal preparation day 2016', 11-12 April 2016, IRA Bologna, Italy
- LOC of the 'ALMA Data Handling Workshop' 9-12 February 2016 - IRA Bologna, Italy
- LOC of the 'ALMA proposal preparation day 2015', 9 April 2015, IRA Bologna, Italy
- SOC and LOC of the 'Workshop on mm-VLBI with ALMA', 22-23 January 2015, IRA Bologna, Italy
- SOC and LOC of the "Terzo Workshop sull'Astronomia Millimetrica in Italia", 20 - 21 January 2015, IRA Bologna, Italia

- LOC of the 'ALMA proposal preparation day 2013', 21 November 2015, IRA Bologna, Italy
  - SOC and LOC of the "Secondo Workshop sull'Astronomia Millimetrica in Italia", 2-3 April 2012, IRA Bologna, Italia
- [http://www.alma.inaf.it/index.php/Talks,\\_Meetings\\_%26\\_workshops](http://www.alma.inaf.it/index.php/Talks,_Meetings_%26_workshops)

## Invited Talks to international conferences and seminars

- Invited speaker to the 'Exploiting Archives for Radio Astronomy in the SKA era' conference 23–25 November 2020 organized remotely by the Portuguese ALMA Centre of Expertise
- Invited speaker to the 'ALMA Development Studies 2019' conference 3–5 June 2019, ESO, Garching, Germania
- Invited speaker to the 'CMB foregrounds for B-mode studies' conference 15-18 october 2018, Tenerife, Spain
- Invited speaker to the 'Innovation and Discoveries in Radioastronomy 2016' 13-17 September 2016, Queenstown, New Zealand <http://www.atnf.csiro.au/research/conferences/2016/IDRA16/location.html>
- Contributed talk to 'The Cosmic FIR Landscape' conference 4-6 May 2016, Lisbon, Portugal
- Invited speaker to the 'First ALMA community day' 5-6 May 2011, ATNF - Sydney, Australia
- Invited speaker to the "Planck 2011 conference - The millimeter and submillimeter sky in ther Planck mission era", 10-14 January 2011, Paris, France
- Invited review speaker to the "CMB component separation and the physics of foregrounds", 14-18 July 2008, Pasadena, California
- Visiting astronomer and invited seminar at ASTRON 27-29 June 2018, Dwingeloo, Netherland <https://twitter.com/AstroJoeC/status/1012322071039397889>
- Visiting astronomer and invited seminar at ATNF, July 2009, Sydney, Australia
- Visiting astronomer and invited seminar at the Faculty of Science and Computing of Curtin University of Technology, August 2007, Perth, Australia

## Memberships in evaluation committees

- External member of the committee for the selection of students for the PhD Course in Astrophysics in 2017 and 2019 (and appointed for 2021) at SISSA, Trieste, Italy
- Member of the review panel for the CTA North System Definition Review in December 2019
- Member of the RadioNet review panel for Apertif archive and user portal (AALTA) since 2019
- Member of more than 15 committee for research grant postdoc positions and 3 TD researcher positions at INAF-IRA, Bologna
- Member of the committee appointed by the Ministero dell'Università e della Ricerca to evaluate the research products for VQR in 2017

## Skills

### Language

<b>Mothertongue</b>	Italian
<b>English</b>	Excellent
<b>Spanish</b>	Good
<b>French</b>	Good

### Software

Very good knowledge of Microsoft Windows and UNIX Linux.

Very good knowledge of OpenOffice e Microsoft Office (Word, Excel e PowerPoint).

Excellent knowledge of the data reduction packages Miriad, CASA, KARMA.

Very good knowledge of image manipulation tools.

Very good knowledge of Latex.

Very good programming skills and knowledge of the languages Fortran 90, IDL, C-Shell, Python.

## Full list of Publications

I signed 163 publications, of which 133 refereed papers and one refereed study report. My H-index is 58.

Here follows the list of the refereed papers with the 14 that I signed as first author at the beginning of the list.

1. Massardi M., et al., 2019, The ALMA Re-Imaging development study, ALMA Memo No. 614 (refereed study report)  
<https://library.nrao.edu/public/memos/alma/main/memo614.pdf>
2. Massardi M., et al., 2018, Chandra and ALMA observations of the nuclear activity in two strongly lensed star-forming galaxies, *A&A*, 610, A53,  
<https://ui.adsabs.harvard.edu/abs/2018A&A...610A..53M>
3. Massardi M., Galluzzi V., Paladino R., Burigana C., 2016, Polarization of extragalactic radio sources: CMB foregrounds and telescope calibration issues, *IJMPD*, 25, 1640009,  
<https://ui.adsabs.harvard.edu/abs/2016IJMPD..2540009M>
4. Massardi M., Bonaldi A., Bonavera L., De Zotti G., Lopez-Caniego M., Galluzzi V., 2016, The Planck-ATCA Co-eval Observations project: analysis of radio source properties between 5 and 217 GHz, *MNRAS*, 455, 3249,  
<https://ui.adsabs.harvard.edu/abs/2016MNRAS.455.3249M>
5. Massardi M., et al., 2013, A polarization survey of bright extragalactic AT20G sources, *MNRAS*, 436, 2915,  
<https://ui.adsabs.harvard.edu/abs/2013MNRAS.436.2915M>
6. Massardi M., Bonaldi A., Bonavera L., López-Caniego M., de Zotti G., Ekers R. D., 2011, The Planck-ATCA Co-eval Observations project: the bright sample, *MNRAS*, 415, 1597,  
<https://ui.adsabs.harvard.edu/abs/2011MNRAS.415.1597M>
7. Massardi M., et al., 2011, The Australia Telescope 20 GHz (AT20G) Survey: analysis of the extragalactic source sample, *MNRAS*, 412, 318,  
<https://ui.adsabs.harvard.edu/abs/2011MNRAS.412..318M>
8. Massardi M., Burigana C., 2010, The Planck On-the-Flight Forecaster (POFF), *NewA*, 15, 678, <https://ui.adsabs.harvard.edu/abs/2010NewA...15..678M>
9. Massardi M., Ekers R. D., Ellis S. C., Maughan B., 2010, High Angular Resolution Observation of the Sunyaev-Zel'Dovich Effect in the Massive  $z \approx 0.83$  Cluster Cl J0152-1357, *ApJL*, 718, L23, <https://ui.adsabs.harvard.edu/abs/2010ApJ...718L..23M>
10. Massardi M., Bonaldi A., Negrello M., Ricciardi S., Raccanelli A., de Zotti G., 2010, A model for the cosmological evolution of low-frequency radio sources, *MNRAS*, 404, 532,  
<https://ui.adsabs.harvard.edu/abs/2010MNRAS.404..532M>
11. Massardi M., López-Caniego M., González-Nuevo J., Herranz D., de Zotti G., Sanz J. L., 2009, Blind and non-blind source detection in WMAP 5-yr maps, *MNRAS*, 392, 733,  
<https://ui.adsabs.harvard.edu/abs/2009MNRAS.392..733M>
12. Massardi M., et al., 2008, The Australia Telescope 20-GHz (AT20G) Survey: the Bright Source Sample, *MNRAS*, 384, 775,  
<https://ui.adsabs.harvard.edu/abs/2008MNRAS.384..775M>
13. Massardi M., Lapi A., de Zotti G., Ekers R. D., Danese L., 2008, Observability of the virialization phase of spheroidal galaxies with radio arrays, *MNRAS*, 384, 701,  
<https://ui.adsabs.harvard.edu/abs/2008MNRAS.384..701M>
14. Massardi M., De Zotti G., 2004, Radio source contamination of the Sunyaev-Zeldovich effect in galaxy clusters, *A&A*, 424, 409, <https://ui.adsabs.harvard.edu/abs/2004A&A...424..409M>

15. Bonaldi A., et al., 2021, Square Kilometre Array Science Data Challenge 1: analysis and results, *MNRAS*, 500, 3821, <https://ui.adsabs.harvard.edu/abs/2021MNRAS.500.3821B>
16. D'Amato Q., et al., 2020, Discovery of molecular gas fueling galaxy growth in a protocluster at  $z = 1.7$ , *A&A*, 641, L6, <https://ui.adsabs.harvard.edu/abs/2020A&A...641L...6D>
17. D'Amato Q., et al., 2020, Dust and gas content of high-redshift galaxies hosting obscured AGN in the Chandra Deep Field-South, *A&A*, 636, A37, <https://ui.adsabs.harvard.edu/abs/2020A&A...636A..37D>
18. Galluzzi V., et al., 2019, ALMA Band 3 polarimetric follow-up of a complete sample of faint PACO sources, *MNRAS*, 489, 470, <https://ui.adsabs.harvard.edu/abs/2019MNRAS.489.470G>
19. Pantoni L., Lapi A., Massardi M., Goswami S., Danese L., 2019, New Analytic Solutions for Galaxy Evolution: Gas, Stars, Metals, and Dust in Local ETGs and Their High- $z$  Star-forming Progenitors, *ApJ*, 880, 129, <https://ui.adsabs.harvard.edu/abs/2019ApJ...880..129P>
20. Bonato M., et al., 2019, ALMA photometry of extragalactic radio sources, *MNRAS*, 485, 1188, <https://ui.adsabs.harvard.edu/abs/2019MNRAS.485.1188B>
21. Bonato M., et al., 2019, Origins Space Telescope: Predictions for far-IR spectroscopic surveys, *PASA*, 36, e017, <https://ui.adsabs.harvard.edu/abs/2019PASA...36...17B>
22. Circosta C., et al., 2019, X-ray emission of  $z \sim 2.5$  active galactic nuclei can be obscured by their host galaxies, *A&A*, 623, A172, <https://ui.adsabs.harvard.edu/abs/2019A&A...623A.172C>
23. Bonaldi A., Bonato M., Galluzzi V., Harrison I., Massardi M., Kay S., De Zotti G., Brown M. L., 2019, The Tiered Radio Extragalactic Continuum Simulation (T-RECS), *MNRAS*, 482, 2, <https://ui.adsabs.harvard.edu/abs/2019MNRAS.482....2B>
24. Vigorito A., Calabrese C., Melandri S., Caracciolo A., Mariotti S., Giannetti A., Massardi M., Maris A., 2018, Millimeter-wave spectroscopy and modeling of 1,2-butanediol . Laboratory spectrum in the 59.6-103.6 GHz region and comparison with the ALMA archived observations, *A&A*, 619, A140, <https://ui.adsabs.harvard.edu/abs/2018A&A...619A.140V>
25. Trombetti T., Burigana C., De Zotti G., Galluzzi V., Massardi M., 2018, Average fractional polarization of extragalactic sources at Planck frequencies, *A&A*, 618, A29, <https://ui.adsabs.harvard.edu/abs/2018A&A...618A..29T>
26. Bonato M., et al., 2018, ALMACAL IV: a catalogue of ALMA calibrator continuum observations, *MNRAS*, 478, 1512, <https://ui.adsabs.harvard.edu/abs/2018MNRAS.478.1512B>
27. Sabatini G., Gruppioni C., Massardi M., Giannetti A., Burkutean S., Cimatti A., Pozzi F., Talia M., 2018, Unveiling the inner morphology and gas kinematics of NGC 5135 with ALMA, *MNRAS*, 476, 5417, <https://ui.adsabs.harvard.edu/abs/2018MNRAS.476.5417S>
28. Bièvre G., Oxarango L., Günther T., Goutaland D., Massardi M., 2018, Improvement of 2D ERT measurements conducted along a small earth-filled dyke using 3D topographic data and 3D computation of geometric factors, *JAG*, 153, 100, <https://ui.adsabs.harvard.edu/abs/2018JAG...153..100B>
29. Talia M., et al., 2018, ALMA view of a massive spheroid progenitor: a compact rotating core of molecular gas in an AGN host at  $z = 2.226$ , *MNRAS*, 476, 3956, <https://ui.adsabs.harvard.edu/abs/2018MNRAS.476.3956T>
30. Puglisi G., et al., 2018, Forecasting the Contribution of Polarized Extragalactic Radio Sources in CMB Observations, *ApJ*, 858, 85, <https://ui.adsabs.harvard.edu/abs/2018ApJ...858...85P>
31. Enia A., et al., 2018, The Herschel-ATLAS: magnifications and physical sizes of 500- $\mu\text{m}$ -selected strongly lensed galaxies, *MNRAS*, 475, 3467,



- <https://ui.adsabs.harvard.edu/abs/2018MNRAS.475.3467E>
32. De Zotti G., et al., 2018, Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps, *JCAP*, 2018, 020, <https://ui.adsabs.harvard.edu/abs/2018JCAP...04..020D>
  33. Delabrouille J., et al., 2018, Exploring cosmic origins with CORE: Survey requirements and mission design, *JCAP*, 2018, 014, <https://ui.adsabs.harvard.edu/abs/2018JCAP...04..014D>
  34. Burkutean S., et al., 2018, KAFE: the Key-analysis Automated FITS-images Explorer, *JATIS*, 4, 028001, <https://ui.adsabs.harvard.edu/abs/2018JATIS...4b8001B>
  35. Lapi A., et al., 2018, The Dramatic Size and Kinematic Evolution of Massive Early-type Galaxies, *ApJ*, 857, 22, <https://ui.adsabs.harvard.edu/abs/2018ApJ...857...22L>
  36. Galluzzi V., et al., 2018, Characterization of polarimetric and total intensity behaviour of a complete sample of PACO radio sources in the radio bands, *MNRAS*, 475, 1306, <https://ui.adsabs.harvard.edu/abs/2018MNRAS.475.1306G>
  37. Mingozi M., et al., 2018, CO excitation in the Seyfert galaxy NGC 34: stars, shock or AGN driven?, *MNRAS*, 474, 3640, <https://ui.adsabs.harvard.edu/abs/2018MNRAS.474.3640M>
  38. Planck Collaboration, et al., 2018, Planck intermediate results. XV. A study of anomalous microwave emission in Galactic clouds (Corrigendum), *A&A*, 610, C1, <https://ui.adsabs.harvard.edu/abs/2018A&A...610C...1P>
  39. Pozzi F., Vallini L., Vignali C., Talia M., Gruppioni C., Mingozi M., Massardi M., Andreani P., 2017, CO excitation in the Seyfert galaxy NGC 7130, *MNRAS*, 470, L64, <https://ui.adsabs.harvard.edu/abs/2017MNRAS.470L..64P>
  40. Bonato M., et al., 2017, Does the evolution of the radio luminosity function of star-forming galaxies match that of the star formation rate function?, *MNRAS*, 469, 1912, <https://ui.adsabs.harvard.edu/abs/2017MNRAS.469.1912B>
  41. Agliozzo C., et al., 2017, The Luminous Blue Variable RMC 127 as Seen with ALMA and ATCA, *ApJ*, 841, 130, <https://ui.adsabs.harvard.edu/abs/2017ApJ...841..130A>
  42. Galluzzi V., et al., 2017, Multifrequency polarimetry of a complete sample of PACO radio sources, *MNRAS*, 465, 4085, <https://ui.adsabs.harvard.edu/abs/2017MNRAS.465.4085G>
  43. Galluzzi V., Massardi M., 2016, The polarimetric multi-frequency radio sources properties, *IJMPD*, 25, 1640005, <https://ui.adsabs.harvard.edu/abs/2016IJMPD..2540005G>
  44. Hopkins A. M., et al., 2015, The ASKAP/EMU Source Finding Data Challenge, *PASA*, 32, e037, <https://ui.adsabs.harvard.edu/abs/2015PASA...32...37H>
  45. Planck Collaboration, et al., 2015, Planck 2013 results. XXXII. The updated Planck catalogue of Sunyaev-Zeldovich sources, *A&A*, 581, A14, <https://ui.adsabs.harvard.edu/abs/2015A&A...581A..14P>
  46. Planck Collaboration, et al., 2015, Planck intermediate results. XXIII. Galactic plane emission components derived from Planck with ancillary data, *A&A*, 580, A13, <https://ui.adsabs.harvard.edu/abs/2015A&A...580A..13P>
  47. ALMA Partnership, et al., 2015, The 2014 ALMA Long Baseline Campaign: An Overview, *ApJL*, 808, L1, <https://ui.adsabs.harvard.edu/abs/2015ApJ...808L...1A>
  48. Regis M., Richter L., Colafrancesco S., Profumo S., de Blok W. J. G., Massardi M., 2015, Local Group dSph radio survey with ATCA - II. Non-thermal diffuse emission, *MNRAS*, 448, 3747, <https://ui.adsabs.harvard.edu/abs/2015MNRAS.448.3747R>
  49. Regis M., Richter L., Colafrancesco S., Massardi M., de Blok W. J. G., Profumo S., Orford N., 2015, Local Group dSph radio survey with ATCA (I): observations and background sources, *MNRAS*, 448, 3731, <https://ui.adsabs.harvard.edu/abs/2015MNRAS.448.3731R>

50. Paladino R., Orru E. O., Brand J., Casasola V., Liuzzo E., Massardi M., Mignano A., 2015, Synergies between SKA and ALMA: observations of Nearby Galaxies, *aska.conf*, 156, <https://ui.adsabs.harvard.edu/abs/2015aska.confE.156P>
51. Planck Collaboration, et al., 2015, Planck intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae, *A&A*, 573, A6, <https://ui.adsabs.harvard.edu/abs/2015A&A...573A...6P>
52. Planck Collaboration, et al., 2014, Planck 2013 results. XXX. Cosmic infrared background measurements and implications for star formation, *A&A*, 571, A30, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..30P>
53. Planck Collaboration, et al., 2014, Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources, *A&A*, 571, A29, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..29P>
54. Planck Collaboration, et al., 2014, Planck 2013 results. XXVIII. The Planck Catalogue of Compact Sources, *A&A*, 571, A28, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..28P>
55. Planck Collaboration, et al., 2014, Planck 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove, *A&A*, 571, A27, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..27P>
56. Planck Collaboration, et al., 2014, Planck 2013 results. XXVI. Background geometry and topology of the Universe, *A&A*, 571, A26, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..26P>
57. Planck Collaboration, et al., 2014, Planck 2013 results. XXIV. Constraints on primordial non-Gaussianity, *A&A*, 571, A24, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..24P>
58. Planck Collaboration, et al., 2014, Planck 2013 results. XXIII. Isotropy and statistics of the CMB, *A&A*, 571, A23, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..23P>
59. Planck Collaboration, et al., 2014, Planck 2013 results. XXII. Constraints on inflation, *A&A*, 571, A22, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..22P>
60. Planck Collaboration, et al., 2014, Planck 2013 results. XXI. Power spectrum and high-order statistics of the Planck all-sky Compton parameter map, *A&A*, 571, A21, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..21P>
61. Planck Collaboration, et al., 2014, Planck 2013 results. XIX. The integrated Sachs-Wolfe effect, *A&A*, 571, A19, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..19P>
62. Planck Collaboration, et al., 2014, Planck 2013 results. XVIII. The gravitational lensing-infrared background correlation, *A&A*, 571, A18, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..18P>
63. Planck Collaboration, et al., 2014, Planck 2013 results. XVII. Gravitational lensing by large-scale structure, *A&A*, 571, A17, <https://ui.adsabs.harvard.edu/abs/2014A&A...571A..17P>
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