

Onsala Space Observatory, Chalmers

Publication list 2014

Compiled by Magnus Thomasson

Publications in refereed journals 2014 enabled by the Onsala infrastructure are recorded below.

[Astronomy: Onsala 20 m telescope \(single-dish\)](#)

[Astronomy: APEX](#)

[Astronomy: ALMA](#)

[Astronomy: VLBI](#)

[Astronomy: LOFAR](#)

[Geoscience](#)

Astronomy: Onsala 20 m telescope (single-dish)

Multimolecular studies of Galactic star-forming regions.

W. A. Baan, A. F. Loenen and M. Spaans.
Mon. Not. R. Astron. Soc. 445, 3331 (2014)

SiO masers from AGB stars in the vibrationally excited $v = 1$, $v = 2$, and $v = 3$ states?

J.-F. Desmurs, V. Bujarrabal, M. Lindqvist, J. Alcolea, R. Soria-Ruiz, and P. Bergman.
Astron. Astrophys. 565, A127 (2014)

The observed spiral structure of the Milky Way.

L. G. Hou and J. L. Han.
Astron. Astrophys. 569, A125 (2014)

The $^{12}\text{CO}/^{13}\text{CO}$ ratio in AGB stars of different chemical type. Connection to the $^{12}\text{C}/^{13}\text{C}$ ratio and the evolution along the AGB.

S. Ramstedt and H. Olofsson.
Astron. Astrophys. 566, A145 (2014)

Astronomy: APEX

Publications from all APEX partner's observing time.

On the radiation driven alignment of dust grains: Detection of the polarization hole in a starless core.

Alves, F. O., Frau, P., Girart, J. M., Franco, G. A. P., Santos, F. P., Wiesemeyer, H.
A&A 569 L1 (2014)

APEX observations of supernova remnants. I. Non-stationary magnetohydrodynamic shocks in W44.

Anderl, S., Gusdorf, A., Güsten, R.
A&A 569 A81 (2014)

The WISE Catalog of Galactic H II Regions.

Anderson, L. D., Bania, T. M., Balser, Dana S., Cunningham, V., Wenger, T. V., Johnstone, B. M., Armentrout, W. P.
ApJS 212, 1 (2014)

Discovery of Eight $z \sim 6$ Quasars from Pan-STARRS1.

Bañados, E., Venemans, B. P., Morganson, E., Decarli, R., Walter, F., Chambers, K. C., Rix, H.-W., Farina, E. P., Fan, X., Jiang, L., McGreer, I., De Rosa, G., Simcoe, R., Weiß, A., Price, P. A., Morgan, J. S., Burgett, W. S., Greiner, J., Kaiser, N., Kudritzki, R.-P., Magnier, E. A., Metcalfe, N., Stubbs, C. W., Sweeney, W., Tonry, J. L., Wainscoat, R. J., Waters, C.
AJ 148, 14 (2014)

Carbon in different phases ([CII], [CI], and CO) in infrared dark clouds: Cloud formation signatures and carbon gas fractions.

Beuther, H., Ragan, S. E., Ossenkopf, V., Glover, S., Henning, Th., Linz, H., Nielbock, M., Krause, O., Stutzki, J., Schilke, P., Güsten, R.
A&A 571 A53, (2014)

Resolving the shocked gas in HH54 with Herschel. CO line mapping at high spatial and spectral resolution.

P. Bjerkeli, R. Liseau, C. Brinch, G. Olofsson, G. Santangelo, S. Cabrit, M. Benedettini, J. H. Black, G. Herczeg, K. Justtanont, L. E. Kristensen, B. Larsson, B. Nisini, and M. Tafalla.
Astron. Astrophys. 571, A90 (2014)

Detached Dust Shell around Wolf-Rayet Star WR60-6 in the Young Stellar Cluster VVV CL036.

Borissova, J., Kumar, M. S. N., Amigo, P., Chené, A.-N., Kurtev, R., Minniti, D.
AJ 147, 18 (2014)

ALLSMOG: an APEX Low-redshift Legacy Survey for MOlecular Gas - I. Molecular gas scaling relations, and the effect of the CO/H₂ conversion factor.

Bothwell, M. S., Wagg, J., Cicone, C., Maiolino, R., Møller, P., Aravena, M., De Breuck, C., Peng, Y., Espada, D., Hodge, J. A., Impellizzeri, C. M. V., Martín, S., Riechers, D., Walter, F.
MNRAS 445 2599-2620 (2014)

H₂D⁺ observations give an age of at least one million years for a cloud core forming Sun-like stars.

Brünken, Sandra, Sipilä, Olli, Chambers, Edward T., Harju, Jorma, Caselli, Paola, Asvany, Oskar, Honingh, Cornelia E., Kamiński, Tomasz, Menten, Karl M., Stutzki, Jürgen, Schlemmer, Stephan
Nature 516 219-221 (2014)

Unusual flaring activity in the blazar PKS 1424–418 during 2008-2011.

S. Buson, F. Longo, S. Larsson, S. Cutini, J. Finke, S. Ciprini, R. Ojha, F. D'Ammando, D. Donato, D. J. Thompson, R. Desiante, D. Bastieri, S. Wagner, M. Hauser, L. Fuhrmann, M. Dutka, C. Müller, M. Kadler, E. Angelakis, J. A. Zensus, J. Stevens, J. M. Blanchard, P. G. Edwards, J. E. J. Lovell, M. A. Gurwell, A. E. Wehrle, and A. Zook.
Astron. Astrophys. 569, A40 (2014)

Star forming regions linked to RCW 78 and the discovery of a new IR bubble.

Cappa, C. E., Rubio, M., Romero, G. A., Duronea, N. U., Firpo, V.
A&A 562, 6 (2014)

The molecular gas reservoir of 6 low-metallicity galaxies from the Herschel Dwarf Galaxy Survey. A ground-based follow-up survey of CO(1–0), CO(2–1), and CO(3–2).

D. Cormier, S. C. Madden, V. Lebouteiller, S. Hony, S. Aalto, F. Costagliola, A. Hughes, A. Rémy-Ruyer, N. Abel, E. Bayet, F. Bigiel, J. M. Cannon, R. J. Cumming, M. Galametz, F. Galliano, S. Viti, and R. Wu.
Astron. Astrophys. 564, A121 (2014)

The ATLASGAL survey: a catalog of dust condensations in the Galactic plane.

Csengeri, T., Urquhart, J. S., Schuller, F., Motte, F., Bontemps, S., Wyrowski, F., Menten, K. M., Bronfman, L., Beuther, H., Henning, Th., Testi, L., Zavagno, A., Walmsley, M.
A&A 565 A75 (2014)

Detailed modelling of the circumstellar molecular line emission of the S-type AGB star W Aquilae.

T. Danilovich, P. Bergman, K. Justtanont, R. Lombaert, M. Maercker, H. Olofsson, S. Ramstedt, and P. Royer.
Astron. Astrophys. 569, A76 (2014)

An excess of dusty starbursts related to the Spiderweb galaxy.

Dannerbauer, H., Kurk, J. D., De Breuck, C., Wylezalek, D., Santos, J. S., Koyama, Y., Seymour, N., Tanaka, M., Hatch, N., Altieri, B., Coia, D., Galametz, A., Kodama, T., Miley, G., Röttgering, H., Sanchez-Portal, M., Valtchanov, I., Venemans, B., Ziegler, B.
A&A 570 A55 (2014)

Identifying clustering at high redshift through actively star-forming galaxies.

Davies, L. J. M., Bremer, M. N., Stanway, E. R., Husband, K., Lehnert, M. D., Mannering, E. J. A.
MNRAS 438 2732-2752 (2014)

ALMA resolves turbulent, rotating [CII] emission in a young starburst galaxy at $z = 4.8$.

De Breuck, Carlos, Williams, Rebecca J., Swinbank, Mark, Caselli, Paola, Coppin, Kristen, Davis, Timothy A., Maiolino, Roberto, Nagao, Tohru, Smail, Ian, Walter, Fabian, Weiß, Axel, Zwaan, Martin A.
A&A 565 A59 (2014)

An ALMA survey of sub-millimeter galaxies in the Extended Chandra Deep Field South: sub-millimeter properties of color-selected galaxies.

R. Decarli, I. Smail, F. Walter, A. M. Swinbank, S. Chapman, K. E. K. Coppin, P. Cox, H. Dannerbauer, T. R. Greve, J. A. Hodge, R. Ivison, A. Karim, K. K. Knudsen, L. Lindroos, H.-W. Rix, E. Schinnerer, J. M. Simpson, P. van der Werf, and A. Weiß.
The Astrophysical Journal, 780:115 (2014)

Rapidly growing black holes and host galaxies in the distant Universe from the Herschel Radio Galaxy Evolution Project.

G. Drouart, C. De Breuck, J. Vernet, N. Seymour, M. Lehnert, P. Barthel, F. E. Bauer, E. Ibar, A. Galametz, M. Haas, N. Hatch, J. R. Mullaney, N. Nesvadba, B. Rocca-Volmerange, H. J. A. Röttgering, D. Stern, and D. Wylezalek.
Astron. Astrophys. 566, A53 (2014)

Molecular Outflows Driven by Low-mass Protostars. I. Correcting for Underestimates When Measuring Outflow Masses and Dynamical Properties.

Dunham, Michael M., Arce, Héctor G., Mardones, Diego, Lee, Jeong-Eun, Matthews, Brenda C., Stutz, Amelia M., Williams, Jonathan P.
ApJ 783, 29 (2014)

Molecules, dust, and protostars in NGC 3503.

Duronea, N. U., Vasquez, J., Romero, G. A., Cappa, C. E., Barbá, R., Bronfman, L.
A&A 565 A30 (2014)

Molecular Cloud-scale Star Formation in NGC 300.

Faesi, Christopher M., Lada, Charles J., Forbrich, Jan, Menten, Karl M., Bouy, Hervé
ApJ 789, 81 (2014)

13C-Methyl Formate: Observations of a Sample of High-mass Star-forming Regions Including orion-KL and Spectroscopic Characterization.

Favre, Cécile, Carvajal, Miguel, Field, David, Jørgensen, Jes K., Bisschop, Suzanne E., Brouillet, Nathalie, Despois, Didier, Baudry, Alain, Kleiner, Isabelle, Bergin, Edwin A., Crockett, Nathan R., Neill, Justin L., Margulès, Laurent, Huet, Thérèse R., Demaison, Jean
ApJS 215, 25 (2014)

The Second-generation z (Redshift) and Early Universe Spectrometer. I. First-light Observation of a Highly Lensed Local-ulirg Analog at High-z.

Ferkinhoff, Carl, Brisbin, Drew, Parshley, Stephen, Nikola, Thomas, Stacey, Gordon J., Schoenwald, Justin, Higdon, James L., Higdon, Sarah J. U., Verma, Aprajita, Riechers, Dominik, Hailey-Dunsheath, Steven, Menten, Karl M., Güsten, Rolf, Weiß, Axel, Irwin, Kent, Cho, Hsiao M., Niemack, Michael, Halpern, Mark, Amiri, Mandana, Hasselfield, Matthew, Wiebe, D. V., Ade, Peter A. R., Tucker, Carol E.
ApJ 780, 142 (2014)

HOPS 136: An Edge-on Orion Protostar near the End of Envelope Infall.

Fischer, William J., Megeath, S. Thomas, Tobin, John J., Hartmann, Lee, Stutz, Amelia M., Kounkel, Marina, Poteet, Charles A., Ali, Babar, Osorio, Mayra, Manoj, P., Remming, Ian, Stanke, Thomas, Watson, Dan M.
ApJ 781, 123 (2014)

Detection of significant cm to sub-mm band radio and γ -ray correlated variability in Fermi bright blazars.

L. Fuhrmann, S. Larsson, J. Chiang, E. Angelakis, J. A. Zensus, I. Nestoras, T. P. Krichbaum, H. Ungerechts, A. Sievers, V. Pavlidou, A. C. S. Readhead, W. Max-Moerbeck and T. J. Pearson.
Mon. Not. R. Astron. Soc. 441, 1899 (2014)

On the Nature of the Deeply Embedded Protostar OMC-2 FIR 4.

Furlan, E., Megeath, S. T., Osorio, M., Stutz, A. M., Fischer, W. J., Ali, B., Stanke, T., Manoj, P., Adams, J. D., Tobin, J. J.
ApJ 786, 26 (2014)

Dissecting the origin of the submillimetre emission in nearby galaxies with Herschel and LABOCA.

Galametz, M., Albrecht, M., Kennicutt, R., Aniano, G., Bertoldi, F., Calzetti, D., Croxall, K. V., Dale, D., Draine, B., Engelbracht, C., Gordon, K., Hinz, J., Hunt, L. K., Kirkpatrick, A., Murphy, E., Roussel, H., Skibba, R. A., Walter, F., Weiss, A., Wilson, C. D.
MNRAS 439 2542-2570 (2014)

Chemical evolution in the early phases of massive star formation. I

Gerner, T., Beuther, H., Semenov, D., Linz, H., Vasyunina, T., Bihr, S., Shirley, Y. L., Henning, Th.
A&A 563 A97 (2014)

ATLASGAL-selected massive clumps in the inner Galaxy. I. CO depletion and isotopic ratios.

Giannetti, A., Wyrowski, F., Brand, J., Csengeri, T., Fontani, F., Walmsley, C. M., Nguyen Luong, Q., Beuther, H., Schuller, F., Güsten, R., Menten, K. M.
A&A 570 A65 (2014)

The mass distribution of clumps within infrared dark clouds. A Large APEX Bolometer Camera study.

Gómez, L., Wyrowski, F., Schuller, F., Menten, K. M., Ballesteros-Paredes, J.
A&A 561 A148 (2014)

First detection of rotational CO line emission in a red giant branch star.

Groenewegen, M. A. T.
A&A 561 L11 (2014)

IRC -10414: a bow-shock-producing red supergiant star.

Gvaramadze, V. V., Menten, K. M., Kniazev, A. Y., Langer, N., Mackey, J., Kraus, A., Meyer, D. M.-A., Kamiński, T.
MNRAS 437 843-856 (2014)

A CO Survey in Planet-forming Disks: Characterizing the Gas Content in the Epoch of Planet Formation.

Hales, A. S., De Gregorio-Monsalvo, I., Montesinos, B., Casassus, S., Dent, W. F. R., Dougados, C., Eiroa, C., Hughes, A. M., Garay, G., Mardones, D., Ménard, F., Palau, Aina, Pérez, S., Phillips, N., Torrelles, J. M., Wilner, D.
AJ 148, 47 (2014)

Diversity of chemistry and excitation conditions in the high-mass star forming complex W33.

Immer, K., Galván-Madrid, R., König, C., Liu, H. B., Menten, K. M.
A&A 572 A63 (2014)

The molecular circumnuclear disk (CND) in Centaurus A. A multi-transition CO and [CI] survey with Herschel, APEX, JCMT, and SEST.

Israel, F. P., Güsten, R., Meijerink, R., Loenen, A. F., Requena-Torres, M. A., Stutzki, J., van der Werf, P., Harris, A., Kramer, C., Martin-Pintado, J., Weiss, A.
A&A 562 A96 (2014)

Abundant Molecular Gas and Inefficient Star Formation in Intracluster Regions: Ram Pressure Stripped Tail of the Norma Galaxy ESO137-001.

Jáchym, Pavel, Combes, Françoise, Cortese, Luca, Sun, Ming, Kenney, Jeffrey D. P.
ApJ 792, 11 (2014)

Unbiased Millimeter-wave Line Surveys of TW Hya and V4046 Sgr: The Enhanced C₂H and CN Abundances of Evolved Protoplanetary Disks.

Kastner, Joel H., Hily-Blant, Pierre, Rodriguez, David R., Punzi, Kristina, Forveille, Thierry
ApJ 793, 55 (2014)

The wind of W Hydrae as seen by Herschel I. The CO envelope.

T. Khouiri, A. de Koter, L. Decin, L. B. F. M. Waters, R. Lombaert, P. Royer, B. Swinyard, M. J. Barlow, J. Alcolea, J. A. D. L. Blommaert, V. Bujarrabal, J. Cernicharo, M. A. T. Groenewegen, K. Justtanont, F. Kerschbaum, M. Maercker, A. Marston, M. Matsuura, G. Melnick, K. M. Menten, H. Olofsson, P. Planesas, E. Polehampton, Th. Posch, M. Schmidt, R. Szczerba, B. Vandenbussche, and J. Yates.
Astron. Astrophys. 561, A5 (2014)

SiO excitation from dense shocks in the earliest stages of massive star formation.

Leurini, S., Codella, C., López-Sepulcre, A., Gusdorf, A., Csengeri, T., Anderl, S.
A&A 570 A49 (2014)

A Far-infrared Spectroscopic Survey of Intermediate Redshift (Ultra) Luminous Infrared Galaxies.

Magdis, Georgios E., Rigopoulou, D., Hopwood, R., Huang, J.-S., Farrah, D., Pearson, C., Alonso-Herrero, Almudena, Bock, J. J., Clements, D., Cooray, A., Griffin, M. J., Oliver, S., Perez Fournon, I., Riechers, D., Swinyard, B. M., Scott, D., Thatte, N., Valtchanov, I., Vaccari, M.
ApJ 796, 63 (2014)

Herschel-ATLAS and ALMA. HATLAS J142935.3-002836, a lensed major merger at redshift 1.027.

Messias, Hugo, Dye, Simon, Nagar, Neil, Orellana, Gustavo, Bussmann, R. Shane, Calanog, Jae, Dannerbauer, Helmut, Fu, Hai, Ibar, Edo, Inohara, Andrew, Ivison, R. J., Negrello, Mattia, Riechers, Dominik A., Sheen, Yun-Kyeong, Aguirre, James E., Amber, Simon, Birkinshaw, Mark, Bourne, Nathan, Bradford, Charles M., Clements, Dave L., Cooray, Asantha, De Zotti, Gianfranco, Demarco, Ricardo, Dunne, Loretta, Eales, Stephen, Fleuren, Simone, Kamenetzky, Julia, Lupu, Roxana E., Maddox, Steve J., Marrone, Daniel P., Michałowski, Michał J., Murphy, Eric J., Nguyen, Hien T., Omont, Alain, Rowlands, Kate, Smith, Dan, Smith, Matt, Valiante, Elisabetta, Vieira, Joaquin D.
A&A 568 A92 (2014)

Spatially-resolved dust properties of the GRB 980425 host galaxy.

M. J. Michałowski, L. K. Hunt, E. Palazzi, S. Savaglio, G. Gentile, J. Rasmussen, M. Baes, S. Basa, S. Bianchi, S. Berta, D. Burlon, J. M. Castro Cerón, S. Covino, J.-G. Cuby, V. D'Elia, P. Ferrero, D. Götz, J. Hjorth, M. P. Koprowski, D. Le Borgne, E. Le Floch, D. Malesani, T. Murphy, E. Pian, S. Piranomonte, A. Rossi, J. Sollerman, N. R. Tanvir, A. de Ugarte Postigo, D. Watson, P. van der Werf, S. D. Vergani, and D. Xu.

Astron. Astrophys. 562, A70 (2014)

A MALT90 study of the chemical properties of massive clumps and filaments of infrared dark clouds.

Miettinen, O.

A&A 562, 3 (2014)

Molecular Gas Heating Mechanisms, and Star Formation Feedback in Merger/Starbursts: NGC 6240 and Arp 193 as Case Studies.

Papadopoulos, Padelis P., Zhang, Zhi-Yu, Xilouris, E. M., Weiss, Axel, van der Werf, Paul, Israel, F. P., Greve, T. R., Isaak, Kate G., Gao, Y.

ApJ 788, 153 (2014)

Characterizing the chemical pathways for water formation – a deep search for hydrogen peroxide.

Bérengère Parise, Per Bergman and Karl Menten.

Faraday Discuss. 168, 349 (2014)

Submillimeter Array Observations of Magnetic Fields in G240.31+0.07: An Hourglass in a Massive Cluster-forming Core.

Qiu, Keping, Zhang, Qizhou, Menten, Karl M., Liu, Hanyu B., Tang, Ya-Wen, Girart, Josep M.

ApJ 794 L18 (2014)

Giant molecular filaments in the Milky Way.

Ragan, S. E., Henning, Th., Tackenberg, J., Beuther, H., Johnston, K. G., Kainulainen, J., Linz, H.

A&A 568 A73 (2014)

The $^{12}\text{CO}/^{13}\text{CO}$ ratio in AGB stars of different chemical type. Connection to the $^{12}\text{C}/^{13}\text{C}$ ratio and the evolution along the AGB.

S. Ramstedt and H. Olofsson.

Astron. Astrophys. 566, A145 (2014)

G0.253+0.016: A Centrally Condensed, High-mass Protocluster.

Rathborne, J. M., Longmore, S. N., Jackson, J. M., Foster, J. B., Contreras, Y., Garay, G., Testi, L., Alves, J. F., Bally, J., Bastian, N., Kruijssen, J. M. D., Bressert, E.

ApJ 786, 140 (2014)

Herschel Observations of Far-infrared Cooling Lines in Intermediate Redshift (Ultra)-luminous Infrared Galaxies.

Rigopoulou, D., Hopwood, R., Magdis, G. E., Thatte, N., Swinyard, B. M., Farrah, D., Huang, J.-S., Alonso-Herrero, A., Bock, J. J., Clements, D., Cooray, A., Griffin, M. J., Oliver, S., Pearson, C., Riechers, D., Scott, D., Smith, A., Vaccari, M., Valtchanov, I., Wang, L.
ApJ 781 L15 (2014)

The Herschel view of circumstellar discs: a multiwavelength study of Chamaeleon-I.

Rodgers-Lee, Donna, Scholz, Alexander, Natta, Antonella, Ray, Tom
MNRAS 443 1587-1600 (2014)

Molecules in the transition disk orbiting T Chamaeleontis.

Sacco, G. G., Kastner, J. H., Forveille, T., Principe, D., Montez, R., Zuckerman, B., Hily-Blant, P.
A&A 561 A42 (2014)

A necklace of dense cores in the high-mass star forming region G35.20-0.74 N: ALMA observations.

Sánchez-Monge, Á., Beltrán, M. T., Cesaroni, R., Etoaka, S., Galli, D., Kumar, M. S. N., Moscadelli, L., Stanke, T., van der Tak, F. F. S., Vig, S., Walmsley, C. M., Wang, K.-S., Zinnecker, H., Elia, D., Molinari, S., Schisano, E.
A&A 569 A11 (2014)

A subarcsecond study of the hot molecular core in G023.01-00.41.

Sanna, A., Cesaroni, R., Moscadelli, L., Zhang, Q., Menten, K. M., Molinari, S., Garatti, A. Caratti o., De Buizer, J. M.
A&A 565 A34 (2014)

Herschel observations of gamma-ray burst host galaxies: implications for the topology of the dusty interstellar medium.

Schady, P., Savaglio, S., Müller, T., Krühler, T., Dwelly, T., Palazzi, E., Hunt, L. K., Greiner, J., Linz, H., Michałowski, M. J., Pierini, D., Piranomonte, S., Vergani, S. D., Gear, W. K.
A&A 570 A52 (2014)

The physical conditions in IRDC clumps from Herschel/HIFI observations of H₂O.

Shipman, R. F., van der Tak, F. F. S., Wyrowski, F., Herpin, F., Frieswijk, W.
A&A 570 A51 (2014)

An ALMA survey of submillimeter galaxies in the Extended Chandra Deep Field South: the redshift distribution and evolution of submillimeter galaxies.

J. M. Simpson, A. M. Swinbank, Ian Smail, D. M. Alexander, W. N. Brandt, F. Bertoldi, C. de Breuck, S. C. Chapman, K. E. K. Coppin, E. da Cunha, A. L. R. Danielson, H. Dannerbauer, T. R. Greve, J. A. Hodge, R. J. Ivison, A. Karim, K. K. Knudsen, B. M. Poggianti, E. Schinnerer, A. P. Thomson, F. Walter, J. L. Wardlow, A. Weiß, and P. P. van der Werf.
The Astrophysical Journal, 788:125 (2014)

An ALMA survey of sub-millimetre Galaxies in the Extended Chandra Deep Field South: the far-infrared properties of SMGs.

A. M. Swinbank, J. M. Simpson, Ian Smail, C. M. Harrison, J. A. Hodge, A. Karim, F. Walter, D. M. Alexander, W. N. Brandt, C. de Breuck, E. da Cunha, S. C. Chapman, K. E. K. Coppin, A. L. R. Danielson, H. Dannerbauer, R. Decarli, T. R. Greve, R. J. Ivison, K. K. Knudsen, C. D. P. Lagos, E. Schinnerer, A. P. Thomson, J. L. Wardlow, A. Weiß and P. van der Werf.
Mon. Not. R. Astron. Soc. 438, 1267 (2014)

Kinematic structure of massive star-forming regions. I. Accretion along filaments.

Tackenberg, J., Beuther, H., Henning, Th., Linz, H., Sakai, T., Ragan, S. E., Krause, O., Nielbock, M., Hennemann, M., Pitann, J., Schmiedeke, A.
A&A 565 A101 (2014)

The dust masses of powerful radio galaxies: clues to the triggering of their activity.

Tadhunter, C., Dicken, D., Morganti, R., Konyves, V., Ysard, N., Nesvadba, N., Almeida, C. Ramos
MNRAS 445 L51-L55 (2014)

Submillimeter H₂O masers in water-fountain nebulae.

D. Tafuya, R. Franco-Hernández, W. H. T. Vlemmings, A. F. Pérez-Sánchez, and G. Garay.
Astron. Astrophys. 562, L9 (2014)

Submillimeter Galaxies as Progenitors of Compact Quiescent Galaxies.

Toft, S., Smolčić, V., Magnelli, B., Karim, A., Zirm, A., Michalowski, M., Capak, P., Sheth, K., Schawinski, K., Krogager, J.-K., Wuyts, S., Sanders, D., Man, A. W. S., Lutz, D., Staguhn, J., Berta, S., Mccracken, H., Krpan, J., Riechers, D.
ApJ 782, 68 (2014)

ATLASGAL - towards a complete sample of massive star forming clumps.

Urquhart, J. S., Moore, T. J. T., Csengeri, T., Wyrowski, F., Schuller, F., Hoare, M. G., Lumsden, S. L., Mottram, J. C., Thompson, M. A., Menten, K. M., Walmsley, C. M., Bronfman, L., Pfalzner, S., König, C., Wienen, M.
MNRAS 443 1555-1586 (2014)

ATLASGAL - Complete compact source catalogue: $280^\circ < \ell < 60^\circ$.

Urquhart, J. S., Csengeri, T., Wyrowski, F., Schuller, F., Bontemps, S., Bronfman, L., Menten, K. M., Walmsley, C. M., Contreras, Y., Beuther, H., Wienen, M., Linz, H.
A&A 568 A41 (2014)

Organic Species in Infrared Dark Clouds.

Vasyunina, T., Vasyunin, A. I., Herbst, Eric, Linz, Hendrik, Voronkov, Maxim, Britton, Tui, Zinchenko, Igor, Schuller, Frederic
ApJ 780, 85 (2014)

Molecular gas associated with IRAS 10361-5830.

Vazzano, M. M., Cappa, C. E., Vasquez, J., Rubio, M., Romero, G. A.
A&A 570 A109 (2014)

Observations of nitrogen isotope fractionation in deeply embedded protostars.

Wampfler, S. F., Jørgensen, J. K., Bizzarro, M., Bisschop, S. E.
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