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EMPLOYMENT	<b>Massachusetts Institute of Technology</b> Department of Earth, Atmospheric and Planetary Sciences <i>Assistant Professor</i> July 2022  <b>Center for Astrophysics   Harvard &amp; Smithsonian</b> <i>Submillimeter Array Fellow</i> Sep. 2019 – Apr. 2022  <b>University of Michigan</b> <i>Postdoctoral Researcher</i> May 2017 – Jul. 2019  <b>Max-Planck-Institute for Astronomy</b> <i>Postdoctoral Researcher</i> Jan. 2017 – Apr. 2017	
EDUCATION	<b>Max-Planck-Institute for Astronomy</b> , Heidelberg, Germany Ph.D. in Astronomy (Magna Cum Laude) Oct. 2013 – Jan. 2017  <b>University of Edinburgh</b> , Edinburgh, United Kingdom MPhys Astrophysics (First Class Honours) Sep. 2008 – May 2013	
HONOURS & AWARDS	<b>Harvard Data Science Initiative Research Fund (\$9,700)</b> <i>Regularized Maximum Likelihood Imaging: A New Method for Detecting Planets</i> Mar. 2020  <b>Ernst Patzer Award</b> <i>Awarded for the best refereed publication by a young scientist.</i> Nov. 2016  <b>Pre-Honours Certificate of Merit</b> <i>Awarded for top 5% performance in pre-honours exams.</i> May 2011  <b>Pre-Honours Certificate of Merit</b> <i>Awarded for top 5% performance in pre-honours exams.</i> May 2010	
PUBLICATION SUMMARY	<b>19 lead author papers</b> , including one published in <i>Nature</i> , and 71 co-author papers, totaling <b>2265 citations</b> ( <a href="#">ADS</a> ). A full publication list, including those currently under review, can be found at the end of the CV.	
OBSERVATIONAL TIME SUMMARY	I have been awarded over <b>265 hours</b> (335 hours) of time on <b>ALMA</b> as PI (co-I), including as the exoALMA Large Program of which I am PI, <b>20 hours</b> (165 hours) on <b>IRAM</b> telescopes as PI (co-I), <b>46 hours</b> (30 hours) on the <b>SMA</b> as PI (co-I) and <b>8 hours</b> (18 hours) on <b>JWST</b> as co-PI (co-I). I have also been a co-investigator on projects for the <b>VLA</b> , the <b>VLT</b> and the <b>Magellan</b> telescopes, with awards of 50 hours, 25 hour and 2 nights, respectively. A break down of PI proposals can be found at the end of the CV.	
PROFESSIONAL SERVICES	<b>SMA Interferometry School SOC</b> <i>SMA, Hilo, Hawaii, USA</i> Mar. 2021  <b>Advanced Data Analysis Techniques for ALMA SOC</b> <i>NRAO, Charlottesville, Virginia, USA [postponed due to Covid-19]</i> Oct. 2020  <b>SMA Seminar Organizer</b> <i>Departmental Seminar Series</i> 2020 - 2021  <b>Visualizing the Kinematics of Planet Formation SOC</b> <i>Flatiron Institute, New York City, USA</i> Oct. 2019  <b>Postdoc and Research Scientist DEI Representative</b> <i>Department Diversity, Equity and Inclusion Committee Member</i> 2018 – 2019  <b>Equi-Tea Organizer</b> <i>Diversity, Equity and Inclusion Journal Club</i> 2018 – 2019	

	<b>Stars, Planets and Formation Seminar Organizer</b> <i>Departmental Seminar Series</i>	2018 – 2019
	<b>Conversations on Equity and Inclusion Co-organizer</b> <i>Joint Physics / Astronomy / Space Sciences DEI Colloquium Series</i>	2018 – 2019
	<b>NESSF External Reviewer</b>	2018, 2020
	<b>Heidelberg MPG Student Workshop Organizer</b>	2016
	<b>PSF Coffee Organizer</b> <i>Departmental Seminar Series</i>	2015 – 2017
	<b>MPIA Student Representative</b>	2015 – 2017
	<b>MPIA Student Workshop Organizer</b>	2015, 2016
	<b>IMPRS Graduate Student Representative</b>	2013 – 2017
	<b>Referee for AAS, A&amp;A, MNRAS and Nature journals</b>	
SUPERVISION	<b>Haochuan Yu</b> Beijing Normal University <i>Undergraduate student.</i>	2020 -
	<b>Alessandra Canta</b> Harvard University <i>Undergraduate student. Co-supervised with Karin Öberg, Harvard</i>	2020 -
	<b>Felipe Alcaron</b> University of Michigan <i>Graduate student. Co-supervised with Ted Bergin and Ke Zhang, UMich.</i>	2019 – 2020
	<b>Jenny Calahan</b> University of Michigan <i>Graduate student. Co-supervised with Ted Bergin and Ke Zhang, UMich.</i>	2019 – 2020
	<b>Deryl Long</b> University of Michigan <i>Undergraduate student. Co-supervised with Ted Bergin and Ke Zhang, UMich.</i>	2019
	<b>Case Hazewinkel</b> University of Michigan <i>Undergraduate student. Co-supervised with Ted Bergin, UMich.</i>	2019
	<b>Jeanne Kwon</b> University of Michigan <i>Undergraduate Research Opportunity Program</i>	2018 – 2019
	<b>Julian Penzinger</b> Ludwig Maximilian University <i>Summer student. Co-supervised with Dmitry Semenov, MPIA.</i>	2016, 2018
TALKS & SEMINARS	<b>University of Florida Astronomy Colloquium</b> <i>Detecting the Youngest Planets</i>	Feb. 2022 <i>(invited)</i>
	<b>Penn State CEHW Seminar Series</b> <i>Detecting the Youngest Planets</i>	Feb. 2022 <i>(invited)</i>
	<b>Pan-Experiment Galactic Science Group Seminar Series</b> <i>Detecting Molecular Line Polarization in Protoplanetary Disks</i>	Nov. 2021 <i>(invited)</i>
	<b>Munich Join Astronomical Colloquium</b> <i>Mapping the Assembly of Planetary Systems in 6 Dimensions</i>	Oct. 2021 <i>(invited)</i>
	<b>Center for Astrophysics Colloquium</b> <i>Mapping the Assembly of Planetary Systems in 6 Dimensions</i>	Sep. 2021 <i>(invited)</i>
	<b>ETH Zurich Exoplanets &amp; Habitability Seminar</b> <i>Witnessing the Assembly of Planetary Systems</i>	May 2021 <i>(invited)</i>
	<b>Cambridge Exoplanet Center Seminar</b> <i>Witnessing the Assembly of Planetary Systems</i>	May 2021 <i>(invited)</i>
	<b>Towards the Comprehensive Characterization of Exoplanets: Science at the Interface of Multiple Measurement Techniques</b> <i>Transforming ALMA into a Planet Hunting Facility</i>	Apr. 2021
	<b>McMaster University Astrophysics Seminar</b> <i>Witnessing the Assembly of Planetary Systems</i>	Apr. 2021 <i>(invited)</i>
	<b>Circumplanetary Disks II</b> <i>Observations and Observational Predictions</i>	Mar. 2021 <i>(invited)</i>

<b>Max Planck Research Group Selection Symposium</b> <i>Witnessing the Assembly of Planetary Systems</i>	Feb. 2021 (invited)
<b>Caltech Dix Planetary Science Department Seminar</b> <i>Planet Formation in Six Dimensions</i>	Feb. 2021 (invited)
<b>Five Years After HL Tau: A New Era in Planet Formation</b> <i>Observing the Kinematics of Gaseous Substructures</i>	Dec. 2020
<b>Research Unit Transition Disks (RUTD) Conference</b> <i>Observing the Dynamics of Planet Disk Interactions</i>	Oct. 2020 (invited)
<b>From Clouds to Planets II: The Astrochemical Link</b> <i>ALMA's 3D View of Planet Formation [postponed due to Covid-19]</i>	Oct. 2020 (invited)
<b>Exoplanets III</b> <i>Kinematical Detection and Characterizing of Protoplanets with ALMA</i>	July 2020
<b>MPIA Königstuhl Colloquium</b> <i>Visualizing the Assembly of Planetary Systems</i>	July 2020 (invited)
<b>JPL Astrophysics Colloquium</b> <i>Witnessing the Dynamics of Planetary Assembly</i>	Nov. 2019 (invited)
<b>Visualizing the Kinematics of Planet Formation</b> <i>Exploiting ALMA's Potential for Planet Hunting</i>	Oct. 2019
<b>Gordon Research Seminar</b> <i>Unveiling the Dynamics of Planet Formation</i>	June 2019
<b>IAU Symposium 350: Laboratory Astrophysics</b> <i>The Physical Conditions of Planet Formation with Molecular Excitation</i>	Apr. 2019 (invited)
<b>Planet-Forming Disks</b> <i>Unveiling the Dynamics of Planet Formation</i>	Mar. 2019 (invited)
<b>NAOJ Theoretical Astronomy Seminar</b> <i>Observing the Kinematics of Planet-Disk Interactions with ALMA</i>	Oct. 2018 (invited)
<b>LMU Munich Astronomy Colloquium</b> <i>Using Kinematics to Search for Embedded Protoplanets</i>	Aug. 2018 (invited)
<b>University of Tübingen Astronomy Seminar</b> <i>Kinematical Detections of Embedded Protoplanets</i>	Aug. 2018 (invited)
<b>Astrophysical Frontiers in the Next Decade and Beyond</b> <i>The First Kinematical Detection of Embedded Protoplanets</i>	Apr. 2018
<b>Magnetic Fields or Turbulence</b> <i>A Spatially Resolved Search for Turbulence in TW Hya</i>	Feb. 2018
<b>MPIA Patzer Awards Colloquium</b> <i>Measuring Turbulence in TW Hya with ALMA: Methods and Limitations</i>	Nov. 2016 (invited)
<b>MPIA Königstuhl Colloquium</b> <i>Observing the Earliest Stages of Planet Formation</i>	Nov. 2016 (invited)
<b>Astrochemistry with ALMA Cycle 4</b> <i>Detecting Turbulence in Protoplanetary Disks</i>	Jun. 2016 (invited)
<b>Sant-Cugat Forum on Astrophysics</b> <i>Turbulence in Protoplanetary Disks: Methods and Limitations</i>	Apr. 2016
<b>Protoplanetary Discussions</b> <i>Turbulence in TW Hya</i>	Mar. 2016
<b>Chemical Diagnostics of Star and Planet Formation</b> <i>Deuterium Fraction in Protoplanetary Disks</i>	Jan. 2015 (invited)
<b>ZAG - IPAG - MPIA Workshop on Planet Formation</b> <i>Deuterium Fraction in DM Tau</i>	Jan. 2015 (invited)

SUCCESSFUL  
TELESCOPE  
PROPOSALS  
(AS PI)

**SMA PI: Teague, R.**, 30 hours, 2020A-S033, A ranked  
*Is the Magneto-Rotational Instability Driving Protoplanetary Disk Evolution?*

2021b

	<b>ALMA PI: Teague, R.</b> , 183 hours, 2021.1.01123.L, A ranked co-PIs: Bensity, M., Facchini, S., Fukagawa, M. & Pinte, C. <i>exoALMA Large Program</i>	2021
	<b>JWST co-PIs: Cugno, G. &amp; Teague, R.</b> , 8 hours, 2153, <i>Detecting a Young 2 Jupiter Mass Planet Embedded in the Disk of HD 163296</i>	Cycle 1
	<b>SMA PI: Teague, R.</b> , 6 hours, 2020A-S033, B ranked <i>A 3D Exploration of an Edge-On Self-Gravitating Disk</i>	2020b
	<b>SMA PI: Teague, R.</b> , 10 hours, 2020A-S033, A ranked <i>A 3D Exploration of an Edge-On Self-Gravitating Disk</i>	2020a
	<b>ALMA PI: Teague, R.</b> , 13.8 hours, 2019.1.01357.S, A ranked <i>Constraining the H2 Surface Density Profile in IM Lup</i>	2019
	<b>ALMA PI: Teague, R.</b> , 3.0 hours, 2019.1.00794.S, B ranked <i>Detecting the Photoevaporative Wind in IM Lup</i>	2019
	<b>ALMA PI: Teague, R.</b> , 33.2 hours, 2019.1.00419.S, B ranked <i>Mapping the 3D Kinematic Structure of Planet Formation</i>	2019
	<b>ALMA PI: Teague, R.</b> , 20.2 hours, 2018.A.00021.S, DDT <i>Confirmation of an Embedded Planet in the Disk of TW Hya</i>	2019
	<b>Magellan/MagAO PI: Teague, R.</b> , 6 hours <i>Searching for Wide Separation Planets in AS 209</i>	2018
	<b>ALMA PI: Teague, R.</b> , 6.7 hours, 2018.1.00980.S, A ranked <i>An Unambiguous Detection of a Magnetic Field in a Protoplanetary Disk</i>	2018
	<b>ALMA PI: Teague, R.</b> , 5.3 hours, 2016.1.00440.S, A ranked <i>Model Independent Study of Turbulence and Temperature in TW Hya</i>	2016
	<b>IRAM PdBI PI: Teague, R.</b> , 19.9 hours, W14BI, C ranked <i>Disk Diagnostics with Deuteration</i>	2014
(AS CO-I)	Including over 355 hours with <b>ALMA</b> , 150 hours with <b>IRAM</b> telescopes, 30 hours with the <b>SMA</b> , 50 hours with the <b>VLA</b> , 50 hours with <b>VLT</b> (X-SHOOTER, SPHERE and CRIRES), 2 nights with <b>Magellan</b> (MagAO/MagAOx) and 18 hours with <b>JWST</b> .	
OUTREACH	<b>University of Michigan Lowbrow Astronomers</b> <i>How to Find Baby Planets</i>	Nov. 2020
SCHOOL PARTICIPATION	<b>45th Saas-Fee Course</b> <i>From Protoplanetary Disks to Planet Formation</i>	2015
	<b>Heidelberg Graduate School on Fundamental Physics</b>	2015
	<b>DIANA Protoplanetary Disk School</b>	2014
OBSERVING EXPERIENCE	<b>Sub-Millimeter Array</b> <i>Monthly rota</i>	Sep. 2019 –
	<b>MPG/ESO 2.2m</b> <i>14 nights</i>	2016
TEACHING	<b>Wavefront Analysis Laboratory Instructor</b>	2014
PUBLICATIONS (LEAD AUTHOR)	19. <b>Teague, R.</b> , Bae, J., Benisty, M., et al., ApJ, in press <i>Gas and Dust Shadows in the TW Hydrae Disk</i>	
	18. <b>Teague, R.</b> , Law, C. J., Huang, J. et al., JOSS, 6 <i>disksurf: Extracting the 3D Structure of Protoplanetary Disks</i>	
	17. <b>Teague, R.</b> , Bae, J., Aikawa, Y., et al., ApJS, 257 <i>MAPS XVIII: Kinematic Substructure in the Disks of HD 163296 and MWC 480</i>	

16. **Teague, R.**, Hull, C. L. H., Bergin, E. A., et al., ApJ, 922  
*Discovery of Molecular Line Polarization in the Disk of TW Hya*
15. **Teague, R.** & Loomis, R. A., ApJ, 899  
*The Excitation Conditions of CN in TW Hya*
14. **Teague, R.**, Jankovic, M. R., Haworth, T. J., et al., MNRAS, 495  
*A Three Dimensional View of Gomez's Hamburger*
13. **Teague, R.**, 2019, IAU Proceedings Series, 350  
*Tracing The Physical Conditions of Planet Formation with Molecular Excitation*
12. **Teague, R.**, Bae, J., Huang, J., Bergin, E. 2019, ApJL, 884  
*Spiral Structure in the Gas Disk of TW Hya*
11. **Teague, R.**, Bae, J., Bergin, E. 2019, Nature, 574  
*Meridional Flows in the Disk Around a Young Star*
10. **Teague, R.**, 2019, Journal of Open Source Software, 4  
*GoFish: Fishing for Line Observations in Protoplanetary Disks*
9. **Teague, R.**, 2019, RNAAS, 3  
*[non-refereed] Statistical Uncertainties in Moment Maps of Line Emission*
8. **Teague, R.**, 2019, Journal of Open Source Software, 4  
*eddy: Extracting Protoplanetary Disk Dynamics with Python*
7. **Teague, R.**, Bae, J., Birnstiel, T. & Bergin, E., 2018, ApJ, 868  
*Evidence For A Vertical Dependence on the Pressure Structure in AS 209*
6. **Teague, R.** & Foreman-Mackey, D., 2018, RNAAS, 2  
*[non-refereed] A Robust Method to Measure Centroids of Spectral Lines*
5. **Teague, R.**, Henning, T., Guilloteau, S., et al., 2018, ApJ, 864  
*Temperature, Mass, and Turbulence: A Spatially Resolved Multiband Non-LTE Analysis of CS in TW Hya*
4. **Teague, R.**, Bae, J., Bergin, E. A., et al., 2018, ApJL, 860  
*A Kinematical Detection of Two Embedded Jupiter-mass Planets in HD 163296*
3. **Teague, R.**, Semenov, D., Gorti, U., et al., 2017, ApJ, 835  
*Surface Density Perturbations in the TW Hydrae Disk at 95 au Traced by Molecular Emission*
2. **Teague, R.**, Guilloteau, S., Semenov, D., et al., 2016, A&A, 592  
*Measuring turbulence in TW Hya with ALMA: methods and limitations*
1. **Teague, R.**, Semenov, D., Guilloteau, S., et al., 2015, A&A, 574  
*Chemistry in disks. IX. Observations and modelling of HCO<sup>+</sup> and DCO<sup>+</sup> in DM Tauri*

(CO-AUTHOR)

All papers with a substantial component of student supervision are marked.

71. Ilee, J. D., Walsh, C., Jennings, J., et al., MNRAS, in press  
*Unveiling the outer dust disc of TW Hya with deep ALMA observations*
70. Pinte, C., **Teague, R.**, Flaherty, K., et al., Protoplanets & Planets VII, *under review*  
*Kinematic Structures in Planet-Forming Disks*
69. Long, F., Andrews S. M., Rosotti, G., et al., ApJ, in press  
*Gas Disk Sizes from CO Line Observations: A Test of Angular Momentum Evolution*
68. Hull, C. H. L., Haifeng Y., Cortés, P. C., et al., ApJ, in press  
*Polarization from Aligned Dust Grains in the  $\beta$  Pic Debris Disk*
67. Bohn, A. J., Benisty, M., Perraut, K., et al., A&A, 658  
*Probing Inner and Outer Disk Misalignments in Transition Disks*
66. Yu, H., **Teague, R.**, Bae, J. & Öberg, K., ApJL, in press  
*[student paper] Mapping the 3D Kinematical Structure of the Gas Disk of HD 169142*
65. Öberg, K. I., Guzmán, V. V., Walsh, C., et al., ApJS, 257  
*MAPS I: Program Overview and Highlights*
64. Czekala, I., Loomis, R. A., **Teague, R.**, et al., ApJS, 257  
*MAPS II: CLEAN Strategies for Synthesizing Images of Molecular Line Emission in Protoplanetary Disks*
63. Law C. J., Loomis, R. A., **Teague, R.**, et al., ApJS, 257  
*[student paper] MAPS III: Characteristics of Radial Chemical Substructures*

62. Law C. J., **Teague, R.**, Loomis, R. A., et al., ApJS, 257  
*[student paper] MAPS IV: Vertical Disk Chemical Structures*
61. Zhang, K., Booth, A. S., Law, C. J., et al., ApJS, 257  
*MAPS V: CO Gas Distributions*
60. Guzmán, V., Ö, K. I., Aikawa, Y., et al., ApJS, 257  
*MAPS VI: Distribution of the small organics HCN, C<sub>2</sub>H and H<sub>2</sub>CO*
59. Bosman, A., Alarcon, F., Bergin, E. A., et al., ApJS, 257  
*MAPS VII: Sub-stellar O/H and C/H and Super-stellar C/O in Planet Feeding Gas*
58. Alarcon, F., Bosman, A., Bergin, E. A., et al., ApJS, 257  
*MAPS VIII: Gap chemistry in AS 209 – Gas Depletion or Chemical Processing?*
57. Ilee, J. D., Walsh, C., Booth, A. S., et al., ApJS, 257  
*MAPS IX: Distribution and properties of the Large Organic molecules HC<sub>3</sub>N, CH<sub>3</sub>CN and c-C<sub>3</sub>H<sub>2</sub>*
56. Cataldi, G., Yamato, Y., Aikawa, Y., et al., ApJS, 257  
*MAPS X: Distributions of Deuterated Molecules*
55. Bergner, J., Öberg, K. I., Bosman, A., et al., ApJS, 257  
*MAPS XI: CN and HCN as Tracers of Photochemistry in Disks*
54. Le Gal, R., Öberg, K. I., Aikawa, Y., et al., ApJS, 257  
*MAPS XII: Inferring the C/O and S/H ratios in Protoplanetary Disks with Sulfur Molecules*
53. Aikawa, Y., Cataldi, G., Yamato, Y., et al., ApJS, 257  
*MAPS XIII: HCO<sup>+</sup> and Disk Ionization*
52. Sierra, A., Pérez, L. M., Guzmán, V. V., et al., ApJS, 257  
*MAPS XIV: Revealing Dust Disks Substructures From Multi-wavelength Continuum Emission*
51. Bosman, A., Bergin, E. A., Öberg, K. I., et al., ApJS, 257  
*MAPS XV: Tracing Protoplanetary Disk Structure Within 20 AU*
50. Booth, A. S., Tabone, B., Aikawa, Y., et al., ApJS, 257  
*MAPS XVI: Zooming in on the HD 163296 Disk Wind with CO Isotopologues*
49. Calahan, J., Bergin, E. A., Zhang, K., et al., ApJS, 257  
*MAPS XVII: Uncovering the 2D Thermal Structure of HD 163296*
48. Huang, J., Bergin, E. A., Öberg, K. I., et al., ApJS, 257  
*MAPS XIX: Spiral Arms, a Tail, and Diffuse Structures Traced by CO Toward the GM Aur Disk*
47. Schwarz, K., Calahan, J., Zhang, K., et al., ApJS, 257  
*MAPS XX: The Massive Disk Around GM Aurigae*
46. Canta, A., **Teague, R.**, le Gal, R., et al., ApJ, 922  
*[student paper] The first detection of CH<sub>2</sub>CN in a protoplanetary disk*
45. Benisty, M., Bae, J., Facchini, S., et al., ApJL, 916  
*A Circumplanetary Disk Around PDS 70c*
44. Andrews, S. M., Elder, W., Zhang, S., et al., ApJ, 916  
*Limits on Millimeter Continuum Emission from Circumplanetary Material in the DSHARP Disks*
43. Long, F., Andrews, S. M., Vega, J., et al., ApJ, 915  
*The Architecture of the V892 Tau System: the Binary and its Circumbinary Disk*
42. Rich, E., **Teague, R.**, Monnier, J., et al. ApJ, 913  
*Are Small Dust Grains actually coupled to the Gas in Protoplanetary Disks?*
41. Pegues, J., Öberg, K. I., Bergner, J. B., et al., ApJ, 911  
*An ALMA Survey of Chemistry in Disks around Late-Type M-Stars*
40. Facchini, S., **Teague, R.**, Bae, J., et al. ApJ, 162  
*The chemical inventory of the planet-hosting disk PDS 70*
39. Boehler, Y., Ménard, F., Robert, C. M. T., et al. A&A, 650  
*Vortex-like kinematic signal, spirals, and beam smearing effect in the HD 142527 disk*
38. Bae, J., **Teague, R.**, Zhu, Z., ApJ, 912  
*Tightly-Wound Spirals Driven by Buoyancy Resonance in Protoplanetary Disks*
37. Cleaves, L. I., Loomis, R. A., **Teague, R.**, et al., ApJ, 911  
*The TW Hya Rosetta Stone Project IV: A hydrocarbon rich disk atmosphere*

36. Pegues, J., Czekala, I., Andrews, S. M., ApJ, 908  
*Dynamical Masses and Stellar Evolutionary Model Predictions of Low-Mass M-Stars*
35. Harrison, R. E., Looney, L. W., Stephens, I. W., et al., ApJ, 908  
*ALMA CN Zeeman Observations of AS 209: Limits on Magnetic Field Strength and Magnetically Driven Accretion Rate*
34. Garufi, A., Podio, L., Codella, C., et al., A&A, 645  
*ALMA chemical survey of disk-outflow sources in Taurus (ALMA-DOT V)*
33. Calahan, J., Bergin, E. A., Zhang, K., et al., ApJ, 908  
*[student paper] Uncovering the Thermal Profile of a Typical Gaseous Protoplanetary Disk*
32. Wölfer, L., Facchini, S., Kurtovic, N. T., et al. A&A, 648  
*A highly non-Keplerian protoplanetary disc*
31. Terwisscha, J. v. S., Hogerheijde, M. R., Cleeves, L. I., et al., ApJ, 906  
*Spatially resolved emission of formaldehyde hints at low-temperature gas-phase formation*
30. Öberg, K., Cleeves, L. I., Bergner, J., et al., AJ, 161  
*Radial and vertical distributions of DCN and DCO<sup>+</sup> in the TW Hya disk*
29. Podio, L., Garufi, A., Codella, C., et al., A&A, 644  
*ALMA chemical survey of disk-outflow sources in Taurus (ALMA-DOT II)*
28. Alarcón, F., **Teague, R.**, Zhang, K., et al., ApJ, 905  
*[student paper] Chemical Evolution in a Protoplanetary Disk with Dust Substructures*
27. White, J. A., Kóspál, Á., Hughes, A. G. Hughes, et al., 2020, ApJ, 904  
*ALMA and VLA Observations of EX Lupi in its Quiescent State*
26. Stephens, I. W., Fernández-López, M., Li, Z.-H., et al., 2020, ApJ, 901  
*Low Level Carbon Monoxide Line Polarization in two Protoplanetary Disks*
25. Hall, C., Dong, R., **Teague, R.**, et al., ApJ, 904  
*Kinematic Evidence for Gravitational Instability*
24. Long, D. E., Zhang, K., **Teague, R.**, et al., 2020, ApJL, 895  
*[student paper] Hints of a Population of Solar System Analog Planets from ALMA*
23. Facchini, S., Benisty, M., Bae, J., et al., 2020, A&A, 639  
*Annular substructures in the transition disks around LkCa 15 and J1610*
22. Garufi, A., Codella, C., Rygl, K., et al., 2020, A&A, 636  
*ALMA chemical survey of disk-outflow sources in Taurus (ALMA-DOT I)*
21. Rosotti, G., **Teague, R.**, Dullemond, C., et al., 2020, MNRAS, 495  
*The Efficiency of Dust Trapping in Ringed Protoplanetary Discs*
20. Semenov, D. & **Teague, R.** 2020, Europhysics News, 51  
*Accretion disks around young stars: the cradles of planet formation*
19. Huang, J., Andrews, S. M., Dullemond, C. P., et al., 2020, ApJ, 891  
*A multi-frequency ALMA characterization of substructures in the GM Aur protoplanetary disk*
18. Rosotti, G., Benisty, M., Juhász, A., et al., 2020, MNRAS, 491.  
*Spiral arms in the proto-planetary disc HD100453 detected with ALMA*
17. Bae, J., Zhu, Z., Baruteau, C., et al., 2019, ApJL, 884  
*An Ideal Testbed for Planet-disk Interaction: Two Giant Protoplanets in Resonance Shaping the PDS 70 Disk*
16. Isella, A., Benisty, M., **Teague, R.**, et al., 2019, ApJL, 879  
*Detection of Continuum Submillimeter Emission Associated with Candidate Protoplanets*
15. Cleeves, L. I., Loomis, R. A., **Teague, R.**, et al., 2019, BAAS, 51  
*Realizing the Unique Potential of ALMA to Probe the Gas Reservoir of Planet Formation*
14. Lyra, W., Haworth, T., Bitsch, B., et al., 2019, BAAS, 51  
*Planet formation – The case for large efforts on the computational side*
13. Gallo, E., **Teague, R.**, Plotkin, R. M., et al., 2019, MNRAS, 488  
*ALMA observations of A0620-00: fresh clues on the nature of quiescent black hole X-ray binary jets*
12. Schwarz, K., **Teague, R.**, Bergin, E., et al., 2019, ApJL, 876.  
*Line Ratios Reveal N<sub>2</sub>H<sup>+</sup> Emission Originates above the Midplane in TW Hydrae*
11. Keppler, M., **Teague, R.**, Bae, J., et al., 2019, A&A, 625  
*[student paper] Highly structured disk around the planet host PDS 70 revealed by high-angular resolution observations*

10. Semenov, D., Favre, C., Fedele, D., et al., 2018, A&A, 617  
*Chemistry in disks. XI. Sulfur-bearing species as tracers of protoplanetary disk physics and chemistry: the DM Tau case*
9. Flaherty, K. M., Hughes, A. M., **Teague, R.**, et al., 2018, ApJ, 856  
*Turbulence in the TW Hya Disk*
8. Fedele, D., Tazzari, M., Booth, R., et al., 2018, A&A, 610  
*ALMA continuum observations of the protoplanetary disk AS 209. Evidence of multiple gaps opened by a single planet*
7. Flock, M., Nelson, R. P., Turner, N. J., et al., 2017, ApJ, 850  
*Radiation Hydrodynamical Turbulence in Protoplanetary Disks: Numerical Models and Observational Constraints*
6. Dutrey, A., Guilloteau, S., Piétu, V., et al., 2017, A&A, 607  
*The Flying Saucer: Tomography of the thermal and density gas structure of an edge-on protoplanetary disk*
5. Beuther, H., Linz, H., Henning, T., et al., 2017, A&A, 605  
*Multiplicity and disks within the high-mass core NGC 7538 IRS1.*
4. Parfenov, S. Y., Semenov, D. A., Henning, T., et al., 2017, MNRAS, 468  
*On the methanol emission detection in the TW Hya disc: the role of grain surface chemistry and non-LTE excitation*
3. van Boekel, R., Henning, T., Menu, J., et al., 2017, ApJ, 837  
*Three Radial Gaps in the Disk of TW Hydrae Imaged with SPHERE*
2. Haworth, T. J., Ilee, J. D., Forgan, D. H., et al., 2016, PASA, 33  
*Grand Challenges in Protoplanetary Disc Modelling*
1. Feng, S., Beuther, H., Semenov, D., et al., 2016, A&A, 593  
*Inferring the evolutionary stages of the internal structures of NGC 7538 S and IRS1 with chemistry*