

# ÁLVARO RIBAS - CV

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Institute of Astronomy, University of Cambridge  
Madingley Road, Cambridge CB3 0HA  
United Kingdom

Email: [ar2193@cam.ac.uk](mailto:ar2193@cam.ac.uk)  
[www.alvaroribas.com](http://www.alvaroribas.com)

**Research interests:** Protoplanetary and debris disks, exoplanets, statistics and machine learning, radio interferometry.

## POSITIONS

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Research Associate (University of Cambridge, UK)	2022 - present
ESO/ALMA Fellow (ESO, Chile)	2018 - 2022
Postdoctoral Researcher (Boston University, USA)	2015 - 2018
Herschel Processing Environment Tester (ESAC/ESA, Spain)	2011 - 2012
ESA Trainee (ESAC/ESAC, Spain)	2011

## EDUCATION

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PH.D. ASTROPHYSICS	2015
Universidad Autónoma de Madrid & European Space Astronomy Centre (ESA)	
Thesis: <i>Protoplanetary disk evolution in nearby star-forming regions</i>	
M.SC. ASTROPHYSICS	2012
Universidad Complutense de Madrid & Universidad Autónoma de Madrid	
B.SC. PHYSICS (MAJOR: ASTROPHYSICS)	2011
Universidad Complutense de Madrid & Universidad de Salamanca	

## REFEREED PUBLICATIONS

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I am the **first author of 9 refereed publications and co-author of other 41**, including 4 as second author. See Publication List for details.

## FELLOWSHIPS

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Joint ALMA Observatory Fellowship	2022 (declined)
ESO/ALMA Fellowship	2018
SMA Fellowship (Harvard & Smithsonian CfA)	2018 (declined)
FONDECYT Postdoctoral Fellowship (Chilean Government)	2018 (declined)
ESA Traineeship	2012

## PRESENTATIONS & CONFERENCE CONTRIBUTIONS

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### Invited talks

Machine Learning in Astronomy	Virtual, 2021
IPAG Odyssey star and planet formation group	Virtual, 2021

SMA Fellowship seminar	Harvard & Smithsonian CfA, USA, 2017
CfA star-formation journal club	Harvard & Smithsonian CfA, USA, 2017
JPL Luncheon Seminar	Pasadena, USA, 2014

### Contributed talks

ALMA Cycle 8 Proposal Workshop	Virtual, 2021
ALMA Community Day	Joint ALMA Observatory, Chile, 2020
Great Barriers in Planet Formation	Palm Cove, Australia, 2019
ALMA Community Day	Joint ALMA Observatory, Chile, 2019
Summer Protoplanetary Disk Workshop 2019	ESO, Chile, 2019
Spanish Astronomical Society meeting	Salamanca, Spain, 2018
MA-CT Regional Star Formation Meeting 2018	Boston University, USA, 2018
Boston Area Exoplanet Science Meeting	MIT, USA, 2017
MA-CT Regional Star Formation Meeting 2017	Yale, USA, 2017
Star Formation 2016	Exeter, UK, 2017
NRAO Live! Event at Boston University	Boston University, USA, 2016
ALMA/Herschel Archival Workshop	ESO, Germany, 2015
ESA Inter-Departmental Science Workshop	Aranjuez, Spain, 2013
ESA Summer Alumni Trainee Meeting	ESAC, Spain, 2012
ESA Summer Alumni Trainee Meeting	ESAC, Spain, 2011
HIPE forum 2011	Garmisch-Partenkirchen, Germany, 2011

Nine contributed conferences posters.

## TEACHING

8th Byurakan International Summer School, Invited Lecturer	Virtual, 2022
OPTICON Archival School: Tutor of sub-mm star/planet formation group	Virtual, 2021
Guest lecturer:	
- Advanced Topics of Astrophysics, Universidad Andrés Bello, Chile	2020
- Advanced Topics of Astrophysics, Universidad Andrés Bello, Chile	2019
- AS203 Principles of Astronomy 2, Boston University, USA	2018
- Research Experiences for Undergraduates, Boston University, USA	2017

## ACADEMIC MENTORING

Thomas Lack (Master's Student, University of Cambridge, UK)	2022-2023
Edward Stevenson (Master's Student, University of Cambridge, UK)	2022-2023
Camilo González (PhD Student, ESO & Universidad Diego Portales, Chile)	2021-present
Mariana Sanchez (ESO Internship)	2021
Christian García (Master's Student, Universidad Internacional de Valencia, Spain)	2021
Leonel Ramírez (Master's Student, Universidad Internacional de Valencia, Spain)	2021
Sarah Luetzgen (Undergraduate Student, Boston University, USA)	2018
Evan Leto (Undergraduate Student, Boston University, USA)	2016 - 2017
Amanda Reveles (Undergraduate Student, Boston University, USA)	2016 - 2017
Isabel Rebollido (ESA trainee, Spain)	2014 - 2015

## OBSERVING PROPOSALS AND EXPERIENCE

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### Accepted proposals as PI

Five ALMA proposals (~55 h of allocated time)

One VLA proposal (~4 h of allocated time)

Two VISIR/VLT SV proposals (~3 h of allocated time, no data taken)

Three Canaricam/GTC proposals (~50 h of allocated time, no data taken)

### Accepted proposals as co-I

I am co-I of multiple observing programs with ALMA, VLA, SPHERE/VLT, the Herschel Space Observatory, and various ground-based facilities.

### Astronomer on Duty at ALMA

2018 - present

Duties included the science operations of the ALMA arrays, data quality assurance, as well as performing and reducing ALMA calibration observations.

## PROFESSIONAL SERVICE

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NASA Proposal Review Pannel member 2022

Science Referee for ApJ, A&A, and MNRAS

ESO Science Support Discretionary Fund committee member

2020

ALMA Time Allocation Committee Technical Secretary

Atlanta, USA, 2019

Co-organizer of JAO Colloquia and astro-ph discussions at JAO.

### Conference and Workshop Organization

The Star-Planet Connection Workshop

Virtual, 2021

SOC member

Reproducibility in Astronomy Workshop

Virtual, 2021

SOC member

ALMA Cycle 8 Proposal Preparation Workshop

Virtual, 2021

LOC member

Five years after HL Tau: a new era in planet formation

Virtual, 2020

Promoter, co-chair of SOC & LOC. Over 500 participants.

Summer Protoplanetary Disk Workshop

ESO, Chile, 2019

LOC member

MA-CT Regional Star Formation Meeting

Boston University, USA, 2018

Chair of LOC

ESAC data analysis and statistics Workshop

ESAC, Spain, 2014

SOC & LOC member

## OUTREACH AND MEDIA

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ScienceNews.org interview

2022

Radio interview at Radio Infinita

2019

Las Últimas Noticias newspaper interview

2019

Multiple outreach events with the ALMA social networks

ESO Open House volunteer

2018

Outreach talk at Escuela Particular San Juan Bautista

2018

ESO representative at the Chilean Science Week	2018
Space Science for Kids, Boston University	2018
Public Open Nights at the Observatory, Boston University	2015-2018
Owner of <i>Cartas desde Andrómeda</i> (2009-2014), an outreach blog about science, astronomy, and astrophysics with over 60 000 visits.	

## LANGUAGE AND PROGRAMMING SKILLS

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**Languages:** Spanish (native), English (fluent), German (basic)

**Programming languages:** Python (advanced), Julia (intermediate), PostgreSQL (basic), git and github.

# ÁLVARO RIBAS - PUBLICATIONS

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## REFEREED PUBLICATIONS (FIRST AUTHOR)

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9. [THE ALMA VIEW OF MP MUS \(PDS 66\): A PROTOPLANETARY DISK WITH NO VISIBLE GAPS DOWN TO 4 AU SCALES](#)  
**Á. Ribas**, E. Macías, P. Weber, S. Pérez, N. Cuello, R. Dong, A. Aguayo, C. Cáceres, J. Carpenter, W. R. F. Dent, I. de Gregorio-Monsalvo, G. Duchene, C. C. Espaillat, P. Riviere-Marichalar, M Villenave  
2023, A&A, 673, A77
8. [MODELING PROTOPLANETARY DISK SEDS WITH ARTIFICIAL NEURAL NETWORKS. REVISITING THE VISCOUS DISK MODEL AND UPDATED DISK MASSES](#)  
**Á. Ribas**, C. C. Espaillat, E. Macías, L. M. Sarro  
2020, A&A, 642, A171 – A&A Highlight
7. [LONG-LIVED PROTOPLANETARY DISKS IN MULTIPLE SYSTEMS: THE VLA VIEW OF HD 98800](#)  
**Á. Ribas**, E. Macías, C. C. Espaillat, G. Duchêne  
2018, ApJ, 865, 77R
6. [FAR-INFRARED TO MILLIMETER DATA OF PROTOPLANETARYDISKS: DUST GROWTH IN THE TAURUS, OPHIUCHUS, AND CHAMAELEON I STAR-FORMING REGIONS](#)  
**Á. Ribas**, C. C. Espaillat, E. Macías, H. Bouy, S. Andrews, N. Calvet, D. A. Naylor, P. Riviere-Marichalar, M., H. D. van der Wiel, D. Wilner  
2017, ApJ, 849, 63
5. [CONSTRAINING THE PROPERTIES OF TRANSITIONAL DISKS IN CHAMAELEON-I WITH HERSCHEL](#)  
**Á. Ribas**, H. Bouy, B. Merín, G. Duchêne, I. Rebollido, C. Espaillat, C. Pinte  
2016, MNRAS, 458, 1029R
4. [PROTOPLANETARY DISK LIFETIMES AS A FUNCTION OF STELLAR MASS AND POSSIBLE IMPLICATIONS FOR GIANT PLANET POPULATIONS](#)  
**Á. Ribas**, H. Bouy, B. Merín  
2015, A&A, 576, A52
3. [DISK EVOLUTION IN THE SOLAR NEIGHBORHOOD. I. DISK FREQUENCIES FROM 1 TO 100 MYR](#)  
**Á. Ribas**, H. Bouy, B. Merín, L. T. Maud  
2014, A&A, 555, A71
2. [IDENTIFICATION OF TRANSITIONAL DISKS IN CHAMAELEON WITH HERSCHEL](#)  
**Á. Ribas**, B. Merín, H. Bouy, C. Alves de Oliveira, D. R. Ardila, E. Puga, Á. Kóspál, L. Spezzi, N. L. J. Cox, T. Prusti, G. L. Pilbratt, Ph. André, L. Matrà, R. Vavrek  
2013, A&A, 552, A115
1. [WARM DEBRIS DISKS CANDIDATES IN TRANSITING PLANETS SYSTEMS](#)  
**Á. Ribas**, B. Merín, D. R. Ardila, H. Bouy  
2012, A&A, 541, A38

## REFEREED PUBLICATIONS (CO-AUTHOR)

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41. [DISK EVOLUTION STUDY THROUGH IMAGING OF NEARBY YOUNG STARS \(DESTINYNS\): DIVERSE OUTCOMES OF BINARY-DISK INTERACTIONS](#)  
Y. Zhang , C. Ginski, J. Huang, A. Zurlo, H. Beust, J. Bae, M. Benisty, A. Garufi, M. R. Hogerheijde, R. G. van Holstein, M. Kenworthy, M. Langlois, C. F. Manara, P. Pinilla, C. Rab, **Á. Ribas**, G. P. Rosotti, J. Williams  
2023, A&A, 672, A145
40. [DISK EVOLUTION STUDY THROUGH IMAGING OF NEARBY YOUNG STARS \(DESTINYNS\): CHARACTERIZATION OF THE YOUNG STAR T CRA AND ITS CIRCUMSTELLAR ENVIRONMENT](#)  
E. Rigliaco, R. Gratton, S. Ceppi, C. Ginski, M. Hogerheijde, M. Benisty, T. Birnstiel, M. Dima, S. Facchini, A. Garufi, J. Bae, M. Langlois, G. Lodato, E. Mamajek, C. F. Manara, F. Ménard, **Á. Ribas**, and A. Zurlo  
2023, A&A, 671, A82
39. [DETERMINING DUST PROPERTIES IN PROTOPLANETARY DISKS: SED-DERIVED MASSES AND SETTLING WITH ALMA](#)  
A. M. Rilingier, C. C. Espaillat, Z. Xin, **Á. Ribas**, E. Macías  
2023, ApJ, 944, 1
38. [MEASURING THE DUST MASSES OF PROTOPLANETARY DISKS IN LUPUS WITH ALMA: EVIDENCE THAT DISKS CAN BE OPTICALLY THICK AT 3 MM](#)  
Z. Xin, C. C. Espaillat, A. M. Rilingier, **Á. Ribas**, E. Macías  
2023, ApJ, 942, 1
37. [DISK EVOLUTION STUDY THROUGH IMAGING OF NEARBY YOUNG STARS \(DESTINYNS\): SCATTERED LIGHT DETECTION OF A POSSIBLE DISK WIND IN RY TAU](#)  
P.-G. Vælgård, C. Ginski, C. Dominik, J. Bae, M. Benisty, T. Birnstiel, S. Facchini, A. Garufi, M. Hogerheijde, R. G. van Holstein, M. Langlois, C. F. Manara, P. Pinilla, Ch. Rab, **Á. Ribas**, L. B. F. M. Waters, J. Williams  
2022, A&A, 668, A25
36. [AB AUR, A ROSETTA STONE FOR STUDIES OF PLANET FORMATION. II. H<sub>2</sub>S DETECTION AND SULFUR BUDGET](#)  
P. Rivière-Marichalar, A. Fuente, G. Esplugues, V. Wakelam, R. le Gal, C. Baruteau, **Á. Ribas**, E. Macías, R. Neri, D. Navarro-Almaida  
2022, A&A, 665, A61
35. [GAIA EDR3 COMPARATIVE STUDY OF PROTOPLANETARY DISK FRACTIONS IN YOUNG STELLAR CLUSTERS](#)  
I. Mendigutía, E. Solano, M. Vioque, L. Balaguer-Nuñez, **A. Ribas**, N. Huélamo, C. Rodrigo  
2022, A&A, 664, A66
34. [DISK EVOLUTION STUDY THROUGH IMAGING OF NEARBY YOUNG STARS \(DESTINYNS\): A PANCHROMATIC VIEW OF DO TAU'S COMPLEX KILO-ASTRONOMICAL-UNIT ENVIRONMENT](#)  
J. Huang, C. Ginski, M. Benisty, B. Ren, A. J. Bohn, É. Choquet, K. I. Öberg, **Á. Ribas**, 15 additional authors  
2022, ApJ, 930, 2
33. [A HIGHLY SETTLED DISK AROUND OPH163131](#)

- M. Villenave, K. R. Stapelfeldt, G. Duchêne, F. Ménard, M. Lambrechts, A. Sierra, C. Flores, W. R. F. Dent, S. Wolff, **Á. Ribas**, M. Benisty, N. Cuello, C. Pinte 2022, ApJ, 930, 1
32. [THE PROTOPLANETARY DISC AROUND HD 169142: CIRCUMSTELLAR OR CIRCUMBINARY?](#)  
P. P. Poblete, N. Cuello, S. Pérez, S. Marino, J. Calcino, E. Macías, **Á. Ribas**, A. Zurlo, J. Cuadra, M. Montesinos, S. Zúñiga-Fernández, A. Bayo, C. Pinte, F. Ménard, D. J. Price  
2022, MNRAS, 510, 205
  31. [THE SEARCH FOR GAS IN DEBRIS DISCS: ALMA DETECTION OF CO GAS IN HD 36546](#)  
I. Rebollido, **Á. Ribas**, I. de Gregorio-Monsalvo, E. Villaver, B. Montesinos, C. Chen, H. Canovas, T. Henning, A. Moór, M. Perrin, P. Rivière-Marichalar, E. Eiroa  
2022, MNRAS, 509, 693
  30. [PROBING PROTOPLANETARY DISK EVOLUTION IN THE CHAMAELEON II REGION](#)  
M. Villenave, F. Menard, W. R. F. Dent, M. Benisty, G. van der Plas, J. P. Williams, M. Ansdell, **A. Ribas**, C. Caceres, H. Canovas, L. Cieza, A. Hales, I. Kamp, C. Pinte, D. A. Principe, M. R. Schreiber  
2021, A&A, 653, A46
  29. [UNCOVERING THE ULTIMATE PLANET IMPOSTOR. AN ECLIPSING BROWN DWARF IN A HIERARCHICAL TRIPLE WITH TWO EVOLVED STARS](#)  
J. Lillo-Box, **Á. Ribas**, B. Montesinos, N. C. Santos, R. Campante, M. Cunha, D. Barrado, E. Villaver, S. Sousa, H. Bouy, A. Aller, E. Corsaro, T. Li, J. M. Ong, J. M. J., I. Rebollido, I. J. Audenaert, F. Pereira  
2021, A&A, 653, A40
  28. [H<sub>2</sub>S OBSERVATIONS IN YOUNG STELLAR DISKS IN TAURUS](#)  
P. Rivière-Marichalar, A. Fuente, R. Le Gal, A. M. Arabhavi, S. Cazaux, D. Navarro-Almaida, **Á. Ribas**, I. Mendigutía, D. Barrado, B. Montesinos  
2021, A&A, 652, A46
  27. [AN ALMA SURVEY OF PROTOPLANETARY DISKS IN LYND 1641](#)  
S. L. Grant, C. C. Espaillat, J. Wendeborn, J. J. Tobin, E. Macías, A. Rilinger, **Á. Ribas**, S. T. Megeath, W. J. Fischer, N. Calvet, K.H. Kim  
2021, ApJ, 913, 123.
  26. [A COPLANAR CIRCUMBINARY PROTOPLANETARY DISK IN THE TWA 3 TRIPLE M DWARF SYSTEM](#)  
I. Czekala, **Á. Ribas**, N. Cuello, E. Chiang, E. Macías, G. Duchêne, S. M. Andrews, C. C. Espaillat  
2021, ApJ, 912, 6.
  25. [CHARACTERIZING THE DUST CONTENT OF DISK SUBSTRUCTURES IN TW HYA](#)  
E. Macías, O. Guerra-Alvarado, C. Carrasco-Gonzalez, **Á. Ribas**, C. C. Espaillat, J. Huang, S. M. Andrews  
2021, A&A, 648, A33
  24. [DISK EVOLUTION STUDY THROUGH IMAGING OF NEARBY YOUNG STARS \(DESTINY\): LATE INFALL CAUSING DISK MISALIGNMENT AND DYNAMIC STRUCTURES IN SU AUR](#)  
C. Ginski, S. Facchini, J. Huang, M. Benisty, D. Vaendel, L. Stapper, C. Dominik, J.

- Bae, F. Ménard, G. Muro-Arena, M. R. Hogerheijde, M. McClure, R. G. van Holstein, T. Birnstiel, Y. Boehler, A. Bohn, M. Flock, E. E. Mamajek, C. F. Manara, P. Pinilla, C. Pinte, **Á. Ribas**  
2021, ApJL, 908, L25
23. [ALMA OBSERVATIONS OF THE EARLY STAGES OF SUBSTELLAR FORMATION IN THE LUPUS 1 AND 3 MOLECULAR CLOUDS](#)  
A. Santamaría-Miranda, I. de Gregorio-Monsalvo, A. L. Plunkett, N. Huélamo, C. López, **Á. Ribas**, M. R. Schreiber, K. Mužic, A. Palau, L. B. G. Knee, A. Bayo, F. Comerón, A. Hales  
2020, A&A, 646, A10
  22. [DISK EVOLUTION STUDY THROUGH IMAGING OF NEARBY YOUNG STARS \(DESTINYNS\): A CLOSE LOW-MASS COMPANION TO ET CHA](#)  
C. Ginski, F. Ménard, Ch. Rab, E. E. Mamajek, R. G. van Holstein, M. Benisty, C. F. Manara, R. Asensio Torres, A. Bohn, T. Birnstiel, P. Delorme, S. Facchini, A. Garufi, R. Gratton, M. Hogerheijde, J. Huang, M. Kenworthy, M. Langlois, P. Pinilla, C. Pinte, **Á. Ribas**, G. Rosotti, T. O. B. Schmidt, M. van den Ancker, Z. Wahhaj, L. B. F. M. Waters, J. Williams, A. Zurlo  
2020, A&A, 642, A119
  21. [BINARY-INDUCED SPIRAL ARMS INSIDE THE DISC CAVITY OF AB AURIGAE](#)  
P. P. Poblete, J. Calcino, N. Cuello, E. Macías, **Á. Ribas**, D. J. Price, J. Cuadra, C. Pinte  
2020, MNRAS, 496, 2362
  20. [BIPOLAR MOLECULAR OUTFLOW OF THE VERY LOW-MASS STAR PAR-LUP3-4. EVIDENCE FOR SCALED-DOWN LOW-MASS STAR FORMATION](#)  
A. Santamaría-Miranda, I. de Gregorio-Monsalvo, N. Huélamo, A. L. Plunkett, **Á. Ribas**, F. Comerón, M. R. Schreiber, C. López, K. Mužić, L. Testi  
2020, A&A, 640, A13
  19. [A CENSUS OF RHO-OPH CANDIDATE MEMBERS FROM GAIA DR2](#)  
H. Cánovas, C. Cantero, L. Cieza, A. Bombrun, U. Lammers, B. Merín, A. Mora, **Á. Ribas**, D. Ruíz-Rodríguez  
2019, A&A, 626, A80
  18. [MULTIPLE RINGS IN THE TRANSITIONAL DISK OF GM AURIGAE REVEALED BY VLA AND ALMA](#)  
E. Macías, C. C. Espaillat, **Á. Ribas**, K. R. Schwarz, G. Anglada, M. Osorio, C. Carrasco-González, J. F. Gómez, C. Robinson  
2018, ApJ, 865, 37
  17. [HERSCHEL OBSERVATIONS OF PROTOPLANETARY DISKS IN LYND 1641](#)  
S. L. Grant, C. C. Espaillat, S. T. Megeath, N. Calvet, W. J. Fischer, C. J. Miller, K. H. Kim, A. M. Stutz, **Á. Ribas**, C. E. Robinson  
2018, ApJS, 863, 13
  16. [AN INCIPIENT DEBRIS DISK IN THE CHAMAELEON I CLOUD](#)  
C. C. Espaillat, **Á. Ribas**, M. K. McClure, J. Hernández, J. E. Owen, N. Avish, N. Calvet, R. Franco-Hernández  
2017, ApJ, 844, 60
  15. [A SEARCH FOR LIGHT CURVE MODULATIONS AMONG KEPLER CANDIDATES: THREE SUBSTELLAR/LOW-MASS TRANSITING COMPANIONS](#)



- J. Lillo-Box, **Á. Ribas** (shared main authorship), D. Barrado, B. Merín, H. Bouy, 2016, A&A, 592, A32
14. [FILAMENTARY STRUCTURE AND MAGNETIC FIELD ORIENTATION IN MUSCA](#)  
N. L. J. Cox, D. Arzoumanian, Ph. André, K. L. J. Rygl, T. Prusti, A. Men'shchikov, P. Royer, Á. Kóspál, P. Palmeirim, **Á. Ribas**, V. Könyves, J.-Ph. Bernard, N. Schneider, S. Bontemps, B. Merín, R. Vavrek, C. Alves de Oliveira, P. Didelon, G. L. Pilbratt, C. Waelkens  
2016, A&A, 590, A110
  13. [X-RAY DEFICIENCY ON STRONG ACCRETING T TAURI STARS: COMPARING ORION WITH TAURUS](#)  
I. Bustamante, B. Merín, H. Bouy, C. F. Manara, **Á. Ribas**, P. Riviere-Marichalar  
2016, A&A, 590, A110
  12. [HERSCHEL-PACS OBSERVATIONS OF DISCS IN THE ETA CHAMAELEONTIS ASSOCIATION](#)  
P. Riviere-Marichalar, P. Elliott, I. Rebollido, A. Bayo, **Á. Ribas**, B. Merín, I. Kamp, W. R. F. Dent, B. Montesinos  
2015, A&A, 584, A22
  11. [INFRARED STUDY OF TRANSITIONAL DISKS IN OPHIUCHUS WITH HERSCHEL](#)  
I. Rebollido, B. Merín, **Á. Ribas**, I. Bustamante, H. Bouy, P. Riviere-Marichalar, T. Prusti, G. L. Pilbratt, Ph. André, P. Abraham  
2015, A&A, 581, A30
  10. [FIRST DETECTION OF THERMAL RADIOJETS IN PROTO-BROWN DWARFS CANDIDATES](#)  
Ó. Morata, A. Palau, R. F. González, I. de Gregorio-Monsalvo, **Á. Ribas**, M. Perger, H. Bouy, D. Barrado, C. Eiroa, A. Bayo, N. Huélamo, M. Morales-Calderón, L. F. Rodríguez  
2015, ApJ, 807, 55
  9. [IDENTIFICATION OF NEW TRANSITIONAL DISK CANDIDATES IN LUPUS WITH HERSCHEL](#)  
I. Bustamante, B. Merín, **Á. Ribas**, H. Bouy, T. Prusti, G. L. Pilbratt, Ph. André  
2015, A&A, 578, A23
  8. [MESSIER 35 \(NGC 2168\) DANCe. I. MEMBERSHIP, PROPER MOTIONS AND MULTI-WAVELENGTH PHOTOMETRY](#)  
H. Bouy, E. Bertin, D. Barrado, L. M. Sarro, J. Olivares, E. Moraux, J. Bouvier, J.-C. Cuillandre, **Á. Ribas**, Y. Beletsky  
2015, A&A, 575, A120
  7. [HERSCHEL/PACS PHOTOMETRY OF TRANSITING-PLANET HOST STARS WITH CANDIDATE WARM DEBRIS DISKS](#)  
B. Merín, D. R. Ardila, **Á. Ribas**, H. Bouy, G. Bryden, K. Stapelfeldt, D. Padgett  
2014, A&A, 569, A89
  6. [HERSCHEL'S VIEW OF THE LARGE-SCALE STRUCTURE IN THE CHAMAELEON DARK CLOUDS](#)  
C. Alves de Oliveira, N. Schneider, B. Merín, T. Prusti, **Á. Ribas**, N. L. J. Cox, R. Vavrek, V. Könyves, D. Arzoumanian, E. Puga, G. L. Pilbratt, Á. Kóspál, Ph. André, P. Didelon, A. Men'shchikov, P. Royer, C. Waelkens, S. Bontemps, E. Winston, L. Spezzi

2014, A&A, 568, A98

5. [THE HERSCHEL GOULD BELT SURVEY IN CHAMAELEON II. PROPERTIES OF COLD AROUND YOUNG STELLAR OBJECTS](#)  
L. Spezzi, N. L. J. Cox, T. Prusti, B. Merín, **Á. Ribas**, C. Alves de Oliveira, E. Winston, Á. Kóspál, P. Royer, R. Vavrek, Ph. André, G. L. Pilbratt, L. Testi, E. Bressert, L. Ricci, A. Men'shchikov, V. Könyves  
2013, A&A, 555, A71
4. [A NEW HERSCHEL VIEW OF THE YOUNG STAR T54: NOT A TRANSITIONAL DISK?](#)  
L. Matrà, B. Merín, C. Alves de Oliveira, N. Huélamo, A. Kóspál, N. L. J. Cox, **Á. Ribas**, E. Puga, R. Vavrek, P. Royer, T. Prusti, G. L. Pilbratt, P. André  
2012, A&A, 548, A111
3. [HERSCHEL FAR-IR OBSERVATIONS OF THE CHAMAELEON MOLECULAR CLOUD COMPLEX. CHAMAELEON I: A FIRST VIEW OF YOUNG STELLAR OBJECTS IN THE CLOUD](#)  
E. Winston, N. L. J. Cox, T. Prusti, B. Merín, **Á. Ribas**, P. Royer, R. Vavrek, E. Puga, Ph. André, A. Men'shchikov, V. Könyves, Á. Kóspál, C. Alves de Oliveira, G. L. Pilbratt, C. Waelkens  
2012, A&A, 545, A145
2. [A SEARCH FOR PRE-SUBSTELLAR CORES AND PROTO-BROWN DWARF CANDIDATES MULTIWAVELENGTH ANALYSIS IN THE B213-L1495 CLOUDS](#)  
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