

Dr. Eric E. Mamajek
Curriculum Vitae - 24 March 2020

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Positions

2020- Discipline Program Manager - Exoplanets, Astro. & Physics Directorate, [JPL/Caltech](#)
2016- Deputy Program Chief Scientist, [NASA Exoplanet Exploration Program, JPL/Caltech](#)
2017- Professor of [Physics & Astronomy](#) (Research), University of Rochester
2016-2017 Visiting Professor, [Physics & Astronomy, University of Rochester](#)
2016 Professor, [Physics & Astronomy, University of Rochester](#)
2013-2016 Associate Professor, [Physics & Astronomy, University of Rochester](#)
2011-2012 Associate Astronomer, [NOAO, Cerro Tololo Inter-American Observatory](#)
2008-2013 Assistant Professor, [Physics & Astronomy, University of Rochester](#) (on leave 2011-2012)
2004-2008 [Clay Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics](#)
2000-2004 Graduate Research Assistant, [University of Arizona, Astronomy](#)
1999-2000 Graduate Teaching Assistant, [University of Arizona, Astronomy](#)
1998-1999 [J. William Fulbright Fellow, Australia, ADFA/UNSW School of Physics](#)

Languages

English (native), Spanish (advanced)

Education

2004 Ph.D. [The University of Arizona, Astronomy](#)
2001 M.S. [The University of Arizona, Astronomy](#)
2000 M.Sc. [The University of New South Wales, ADFA, Physics](#)
1998 B.S. [The Pennsylvania State University, Astronomy & Astrophysics, Physics](#)
1993 H.S. [Bethel Park High School](#)

Research Interests

- Formation and Evolution of Exoplanetary Systems: Planets, Substellar Objects, Stars
- Stellar Ages, Kinematics, Rotation, Magnetic Activity, Groups

Fellowships

2004-2008 [Clay Postdoctoral Fellowship - Harvard-Smithsonian Center for Astrophysics](#)
2002-2004 [NASA Graduate Student Researchers Program Fellowship](#)
1998-1999 [J. William Fulbright Fellowship - Australia](#)

Research Grants, Awards, Honors

- 2019 NASA Group Achievement Award - Astrophysics Large Mission Study Team
- 2018 PI, K2 Guest Observer Cycle 6, "Investigating the Early Evolution of Exoplanet Properties" - \$100k (science PI: T. David)
- 2018 [AAS Nova: Mamajek \(2017\) highlighted as most-cited Research Note of the AAS in its 1st year](#)
- 2017 PI, JPL RT&D, "The Occurrence Rates of Close-In Exoplanets as a Function of Stellar Age" (science PI: T. David)
- 2016 PI, University of Rochester, University Research Award - \$40k
- 2015 co-I, NASA NExSS, "Chemical and Physical Characterization of Exoplanet Host Stars for Habitability and Detectability Assessments" (PI S. Desch) - subaward \$186k
- 2015 [AAS Nova: Mamajek et al. \(2015\) highlighted as one of 2015's most-downloaded papers in AAS Journals](#)
- 2014 PI, NSF-AST REU supp., "DECam Survey for Benchmark 15 Myr-old Substellar Objects in the Nearest OB Association" - \$6.5k
- 2013 PI, NSF-AST, "DECam Survey for Benchmark 15 Myr-old Substellar Objects in the Nearest OB Association" - \$288k
- 2013 PI, NSF-AST REU supp., "Chemical Self-Enrichment in the Nearest OB Association" - \$6.5k
- 2013 [AURA Team Award, DECam Installation, Commissioning, and Science Verification Team](#)
- 2012 Excellence in Undergraduate Teaching Award, Dept. Physics & Astro., Univ. Rochester
- 2011 PI, NSF-AST REU supp., "Chemical Self-Enrichment in the Nearest OB Association" - \$6.8k
- 2010 PI, NSF-AST, "Chemical Self-Enrichment in the Nearest OB Association" - \$481k
- 2010 co-I, NASA Herschel OT1, "Tracing Remnant Gas in Planet Forming Debris Disks: Confronting Theories of Ice-Giant Planet Formation" (PI V. Geers) - \$14k
- 2009 co-I, NASA ADP, "A Photometry Catalog of Stars within 130 pc Serendipitously Observed by *Spitzer*" (PI D. Hines) - \$186k
- 2007 PI, NASA *Spitzer* Cycle 4, "Search for Terrestrial Temperature Debris Around Needles in the Haystack: A Survey for Disks in a New Nearby 20 Myr Old Association" - \$65k
- 2005 co-I, NASA *Spitzer* Cycle 2, "Circumstellar Disk Evolution Across the Stellar Mass Spectrum in the Upper Sco Association" (PI J. Carpenter) - \$340k
- 2004 Clay Postdoctoral Fellowship, SAO - ~\$250k
- 2002 PI, Graduate Student Researchers Program, NASA (advisor M. Meyer) - \$48k
- 2000 PI, Grant-in-Aid Award, Sigma Xi Scientific Research Society - \$2k
- 1998 Fulbright Fellowship - \$25k

Professional Memberships (and current leadership roles)

International Astronomical Union (IAU):

Co-Chair (2019-2020), Steering Committee IAU100 NameExoWorlds
Organizing Committee, Commission F2 Exoplanets and the Solar System
Chair (2016-), Division C WG Star Names

Member of following IAU divisions and commissions:

Div. A: Fundamental Astronomy

Div. C: Education, Outreach and Heritage

Div. F: Planetary Systems and Bioastronomy

Div. G: Stars and Stellar Physics

Div. C Comm. C4: World Heritage and Astronomy

Div. F Comm. F2: Exoplanets and the Solar System

Div. F: WG on Exoplanets for the Public

Div. H: Interstellar Matter and Local Universe

Div. H Commission 37: Star Clusters and Associations

Inter-Division G-H-J Comm. Stellar clusters throughout Cosmic Space and Time

American Astronomical Society (AAS)

American Association for the Advancement of Science (AAAS)

American Association of Variable Star Observers (AAVSO)

Teaching

2016 Spring	AST 142, Astrophysics II (for Sophomore majors), UR
2015 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2015 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR
2014 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2014 Spring	AST 142, Astrophysics II (for Sophomore majors), UR
2013 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2013 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR
2012 Fall	AST 453, Stellar Structure & Atmospheres (graduate), UR
2011 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR
2010 Fall	AST 565, Formation of Stars & Planetary Systems (graduate), UR
2010 Spring	AST 142, Astrophysics II (for Sophomore majors), UR
2009 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2009 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR

Students and Postdocs Advised for Research (Active - italics)

- 2019- *Jennifer Burt, ExEP Postdoctoral Research Associate (exoplanets, TESS, PRV)*
2019- *Virginie Faramaz, ESI Postdoctoral Fellow (mm observations, debris disks)*
2017-2019 *Trevor David, ESI Postdoctoral Fellow (K2 young exoplanets)*
2016 *Tyler Heintz, REU student/Westminster (stellar rotation, ages)*
2015-2016 *Alexis Klimasewski, UR Class of 2018 (stellar activity)*
2015 *Sara Denbo, REU student/Michigan State (DECam image analysis)*
2014-2019 *Sam Mellon, REU student/Westminster, PhD student (disk eclipses)*
2013-2015 *Cameron Bell, postdoc (stellar ages)*
2013-2015 *Manuel Olmedo, PhD student INOAE (Kepler/GALEX UV stellar emission)*
2013-2016 *Tanveer Karim, UR Class of 2017, Goldwater Scholar (Galactic structure)*
2013-2016 *Molly Finn, UR Class of 2017, Goldwater Scholar (clustering analyses, binaries)*
2013 *Jonathan Strumpf, UR Class of 2015 (stellar modeling)*
2013 *Andrew Roberts, REU student/SUNY Geneseo (stellar kinematics)*
2011-2016 *Erin Scott, PhD student (circumstellar disk & eclipse modeling)*
2013-2014 *Fan Wu, UR Class of 2015 (stellar spectroscopy)*
2012 *Melissa Butner, REU student @ CTIO (stellar spectroscopy)*
2011-2013 *Duy Nguyen, postdoc (spectroscopy of young stars, abundances)*
2010-2016 *Fred Moolekamp, PhD student (eclipse modeling)*
2010 *Matt Bourque, REU student/Florida Tech (metallicity of Sco-Cen)*
2010 *Dilyana Mihaylova, UR Class of 2013 (spectral classification)*
2009-2013 *Mark Pecaut, PhD student (star formation history of Sco-Cen)*
2009-2012 *Scott Barenfeld, UR Class of 2012, Goldwater Scholar (chemokinematics)*
2009-2011 *Eric Bubar, postdoc (chemical abundances of nearby young stars)*
2009-2010 *Julieta Gruszko, UR Class of 2012 (REU; activity and ages of Sun-like stars)*
2009-2010 *Alex Shvonski, PhD student (Spitzer IR survey of debris disks in 32 Ori)*
2008-2012 *Marek Slipski, UR Class of 2011 (ages of exoplanet host stars)*
2008 *Susana Acosta, UR Class of 2012 (constraints on solar mass loss history)*

Service & Committees (Institutional, active in italics, listed first)

2019-2020	NASA/NSF Extreme Precision Radial Velocity Working Group, ex officio
2019	PhD Defense Committee (advisor) for grad student Sam Mellon (UR)
2018-	JPL Palomar Advisory Committee (JPAC)
2017	Exo-S Probe-Class Starshade Mission (Dedicated Mission) Delta/Update Study, Lead
2017-2019	Origins Space Telescope, STDT & Exoplanet WG, ex-officio
2017	Qualifying Exam Committee for grad student Sam Mellon (UR)
2016	PhD Defense Committee (advisor) for grad student Fred Moolekamp (UR)
2016	PhD Defense Committee (advisor) for grad student Erin Scott (UR)
2015-2016	UR Physics & Astronomy Executive Committee
2014-2016	Chair, UR Physics & Astronomy Graduate Admissions Committee (GAC)
2014-2016	UR Physics & Astronomy Steering Committee
2013-2016	UR Physics & Astronomy Strategic Planning Committee
2012-2016	UR Physics & Astronomy Undergraduate Astronomy Advisor
2011-2016	New York Astronomical Corporation (NYAC), Institutional Representative
2010-2016	UR Physics & Astronomy Undergraduate Physics Awards Committee (UAC)
2010-2016	UR Physics & Astronomy Undergraduate Curriculum Committee (UCC)
2015-2016	PhD Defense Committee for grad student Gabrielle Tepp (UR)
2015	Qualifying Exam Committee for grad student Erica Fogerty (UR)
2015	Chair, Qualifying Exam Committee for grad student Eva Bodman (UR)
2015	UR Ad Hoc Tenure Committee
2014	Qualifying Exam Committee (advisor) for grad student Fred Moolekamp (UR)
2014	Qualifying Exam Committee (advisor) for grad student Erin Scott (UR)
2014	Chair, Qualifying Exam Committee for grad student Michelle Gregor (UR)
2014	PhD Defense Committee for grad student Shule Li (UR)
2013	PhD Defense Committee (advisor) for grad student Mark Pecaut (UR)
2013	PhD Defense Committee for grad student Kyoung Hee Kim (UR)
2013	Qualifying Exam Committee for grad student Greg Howland (UR)
2013	Qualifying Exam Committee for grad student Erin Scott (UR)
2012	Chair, Qualifying Exam Committee for grad student Alex Moore (UR)
2012	Qualifying Exam Committee for grad student Shule Li (UR)
2012	Blanco f/8 Secondary Mirror Recovery Effort , Manager, CTIO
2012	SOAR 4.1-m Telescope Science Advisory Committee (SAC), CTIO
2011-2012	Blanco 4-m Telescope Scientist, CTIO
2011-2012	Hydra Multi-object Spectrograph, Deputy Support Scientist, CTIO
2011-2012	Website Committee, CTIO
2011-2013	<i>Cerro Tololo Inter-American Observatory (CTIO)</i> Facebook outreach page
2011	REU/PIA Summer Student Selection Committee, CTIO
2011	Astronomical Society of New York, Spring 2011 Meeting, UR, Local Organizing Committee, Co-chair (w/ D. Watson)
2011	UR Physics & Astronomy Colloquium Chair
2011	Qualifying Exam Committee for grad student Mark Pecaut
2010	UR Physics & Astronomy Colloquium Co-chair (w/ J. Eberly)
2010	Qualifying Exam Committee for grad student Kiwan Park
2010	Qualifying Exam Committee for grad student Justin Comparella

2009-2011 UR Physics & Astronomy Undergraduate Astronomy Advisor
 2009-2011 UR Representative to New York Astronomical Corporation
 2009-2010 UR Astronomy Group Seminar Chair
 2009 PhD Defense Committee for grad student Joel Green
 2009 Qualifying Exam Committee for grad student Kyoung Hee Kim
 2008-2009 UR Astronomy Group Seminar Co-chair (w/ A. Quillen)

Service & Committees (External, active in italics, listed first)

2019- [NASA Exoplanet Archive User Panel, ex officio](#)
 2019-2020 [IAU100 NameExoWorlds, Steering Committee, co-chair](#)
 2019- [IAU Commission F2 Exoplanets and the Solar System, Organizing Committee](#)
 2016- [IAU Division C WG Star Names, Chair](#)
 2016 PhD Defense Committee for Elizabeth Newton (Harvard), external member
 2016 Qualifying Exam Committee for grad student Jesica Trucks (U. Toledo)
 2015 IAU Exec. Comm. Working Group on Public Naming of Planets and Planetary Satellites
 2011-2016 New York Astronomical Corporation, Board of Directors
 2001- *Journal Referee: Astrophysical Journal, Astronomical Journal, Astronomy & Astrophysics, Monthly Notices Royal Astronomical Society*
 2015 [IAU Working Group on Nominal Units for Stellar & Planetary Astronomy, Chair](#)
 2015 Canary Islands Int'l Time Programme Time Allocation Comm., external reviewer
 2014 NSF Review Panel
 2013 PhD Defense Committee for Dave Principe (RIT), external member
 2013 PhD Defense Committee for Zach Berta (Harvard), external member
 2013 CTIO Fellowship Selection Committee, external member
 2012-2013 NOAO Time Allocation Committee
 2012 Canadian Time Allocation Committee, external reviewer
 2012 New Quests in Stellar Astrophysics III, session chair
 2012 [219th AAS meeting](#), Cool Dwarfs & Brown Dwarfs session, session chair
 2011 PhD Thesis Examiner for Simon Murphy (Australian Nat'l Univ.)
 2011 NASA Astrophysics Data Analysis Program (ADAP), reviewer
 2010 [215th AAS meeting](#) Chambliss Astronomy Student Award, judge
 2010 *Spitzer Space Telescope* Cycle-7, Time Allocation Committee, reviewer
 2008-2009 [258th IAU Symposium \(*The Ages of Stars*\)](#), proceedings lead editor
 2008 [Gemini Telescope](#) Time Allocation Committee, external reviewer
 2008 *Hubble Space Telescope* Cycle-17, Time Allocation Committee, reviewer
 2007-2011 [NASA Star and Exoplanet Database \(NStED\)](#), user panel
 2007 *Spitzer Space Telescope* Cycle-4, Time Allocation Committee, reviewer
 2006 "Ages of Stars" Splinter Session, [Cool Stars 14 meeting](#), convener
 2006-2007 NASA Origins of Solar Systems, external reviewer
 2005-2006 Star & Planet Formation Journal Club (CfA), organizer
 2003 Graduate Admissions Committee, Astronomy Dept., U. Arizona
 2002-2003 [MIRAC](#) (Mid-Infrared Array Camera) team, observer support at Las Campanas

Invited Colloquia, Seminars, Conference Talks (since 2012)

- 3/2019 Kepler & K2 SciCon V - Glendale, CA -
Small (In)temperate Planets: A Closer Look at Habitable Zone Terrestrial-sized Planet Candidates
- 3/2019 Extreme Precision in Radial Velocity IV - Grindelwald, Switzerland -
NASA Exoplanet Exploration Program and Precision Radial Velocity
- 12/2018 UC San Diego Center for Astrophysics and Space Sciences - San Diego, CA -
Update on NASA Exoplanet Exploration Program (ExEP) and Science
- 7/2018 [Sagan Workshop - Pasadena, CA - Ages and Stellar Properties](#)
- 1/2018 K2 & TESS Splinter Meeting at 231st AAS - Nat'l Harbor, MD -
The Kepler/K2 Revolution and Prospects for TESS
- 1/2018 ExoPAG 17 - Nat'l Harbor, MD - *ExEP Science Plan*
- 6/2017 Kepler & K2 Science Conference IV - NASA Ames -
Kepler/K2 in the Context of Future Exoplanet Missions
- 8/2017 Extreme Precision Radial Velocity III - State College, PA -
Precision Radial Velocities and the NASA Exoplanet Exploration Program
- 3/2017 UCLA ESS IPLEX seminar - Los Angeles - *A Transiting Extrasolar Ring System*
- 1/2017 Pasadena City College - Von Karman Lecture - *Exoplanets: The Quest for Strange New Worlds*
- 1/2017 [JPL Von Karman Lecture - Exoplanets: The Quest for Strange New Worlds](#)
- 10/2016 ExoSoCal - Caltech - Pasadena CA - *NASA Exoplanet Exploration Program*
- 4/2016 IAS - Princeton - *A Transiting Extrasolar Ring System*
- 1/2016 Cornell - Ithaca CA - *A Transiting Extrasolar Ring System*
- 12/2015 Universidad Diego Portales - Santiago, Chile - *A Transiting Extrasolar Ring System*
- 10/2015 NASA JPL - Pasadena CA - *A Transiting Extrasolar Ring System*
- 10/2015 NASA Ames/SOFIA - Mountain View CA - *A Transiting Extrasolar Ring System*
- 8/2015 IAU Division F - Honolulu - *A Transiting Extrasolar Ring System*
- 5/2015 IAU Symposium 314 - Atlanta - *Pre-Gaia Census of Nearby Young Stellar Groups*
- 4/2015 Carnegie Observatories - Pasadena - *A Transiting Extrasolar Ring System*
- 7/2014 INAOE - Puebla, Mex. - *Stellar Ages*
- 7/2014 INAOE - Puebla, Mex. - *The Giant Ring System Seen in Eclipse Around J1407b*
- 1/2014 Univ. of Texas-Austin, Astronomy Colloquium - Austin, TX
The Unusual Eclipser of the Young Star J1407: Moon-Forming Circumplanetary Disk?
- 9/2013 University of Rochester, Physics & Astro. Dept. Colloquium - Rochester, NY
Ages of Stars
- 3/2013 Penn State, Astro. Dept. Colloquium - State College, PA
Surprises in the Nearest OB Association
- 2/2013 UNC Chapel Hill, Physics & Astro. Dept. Colloquium, Chapel Hill, NC
Surprises in the Nearest OB Association
- 5/2012 Pontificia Universidad Católica de Chile, Astro. Dept. colloquium - Santiago, Chile (2)
Discovery of a Transiting Extrasolar Ring System
Update on the Blanco 4-m Telescope at CTIO
- 3/2012 New Quests in Stellar Astrophysics III - Puerto Vallarta, Mexico
Ages of the Host Stars of Circumstellar Disks and Exoplanets
- 3/2012 CTIO Oversight Committee talk - La Serena, Chile
Discovery of a Transiting Extrasolar Ring System

Additional Talks (since 2010)

- 8/2017 [Astronomy on Tap - State College, PA](#)
[Exoplanets and the NASA Exoplanet Exploration Program](#)
- 6/2017 San Jose Astronomy - San Jose, CA (Houge Park; w/J. Dotson)
Strange New Worlds: Exploring Exoplanets with NASA's Kepler/K2 Mission and Beyond
- 4/2017 AbSciCon 2017 - Tempe, AZ - *NASA Exoplanet Exploration Program Update*
- 4/2016 Rochester Academy of Science - Rochester, NY - *A Tour of Our Galactic Neighborhood*
- 6/2015 University of Rochester, seminar for REU summer research students
Some Recent Astronomical Discoveries
- 5/2015 Astro. Sec. of the Rochester Acad. of Sci. - RIT
Some Recent Astronomical Discoveries
- 3/2015 Webster Thomas H.S., Earth Science Enrichment classes, Webster, NY
- 3/2015 Dr. Walter Cooper Academy, 1st grade class, Rochester City Schools
- 10/2014 American Chemical Society banquet, *Ages of Stars*
- 6/2014 University of Rochester, seminar for REU summer research students
Formation and Evolution of Stars and Planetary Systems
- 10/2013 Astronomical Society of New York, Union College
The Unusual Eclipser of the Young Star J1407
- 6/2013 University of Rochester, seminar for REU summer research students
- 4/2013 University of Rochester, seminar for grad students
- 11/2012 University of Rochester, astronomy club seminar, *Exoplanets*
- 6/2011 University of Rochester, seminar for REU summer research students
Formation and Evolution of Stars and Planets
- 4/2011 University of Rochester, invited seminar for 1st year grad students
- 3/2011 University of Rochester, Pi Day, invited talk - *Pi in Astronomy*
- 2/2011 University of Rochester, invited seminar for visiting prosp. grad. students
Formation and Evolution of Stars and Planetary Systems
- 8/2010 Astro. Sec. of the Rochester Acad. of Sci. - Ionia, NY
Young Stars Near Earth
- 8/2010 Cornell meeting of NY astronomers studying young stars - Ithaca, NY
2010 Census of Young Stellar Groups Within 100 pc
- 7/2010 Mees Observatory evening talk - Bristol, NY
Some Recent Astronomical Discoveries
- 7/2010 University of Rochester, seminar for REU summer research students
Formation and Evolution of Stars and Planets
- 6/2010 Odyssey High School Physics class - astronomy talk - Gates, NY
Stars, Planets, & Exoplanets
- 6/2010 Leiden Observatory lunch talk - Leiden, Netherlands
An Update on the MMT/AO Planet Imaging Survey of the Nearest A Stars
- 1/2010 AstroBio2010 - Santiago, Chile
What Can Nearby Young Stars Tell Us About Star and Planet Formation

Bibliography of Publications

10122	Total citations
7618	Citations to n^{th} -author publications
2504	Citations to 1st author papers
163	Refereed publications (20 1st-author, 143 nth-author)
56	Hirsch h-index (i.e. 55 publications with ≥ 56 citations)
130	i_{10} -index (i.e. 130 publications with ≥ 10 citations)
2.4	Hirsch m -index = $h/(t_{\text{now}} - t_{1\text{st pub.}}) = 56/(2020-1997)$

Last updated 24 March 2020. The listed citation counts are from [Astrophysics Data System \(ADS\)](#). The names of advisees (e.g. undergrads, PhD students, postdocs, etc.) are underlined. Links to selected press coverage are also provided.

Book (Edited)

[The Ages of Stars, Proceedings of International Astronomical Union Symposium No. 258](#)
edited by **E. E. Mamajek**, D. R. Soderblom, & R. F. G. Wyse. Cambridge, UK: [Cambridge University Press](#), 2009 (490 pgs.; ISBN-13 978-0521889896) ([Amazon](#))

First-Author Refereed Publications

- A19. [Gamma Cassiopeiae and HR 266: A Massive Septuplet Illuminating the IC 59 and IC 63 Nebulae at \$d = 168\$ pc](#)
Mamajek, E. E., 2017, *Journal of Double Star Observations*, 13, 264-267
- A18. [The Closest Known Flyby of a Star to the Solar System](#)
Mamajek, E. E., Barenfeld, S. A., Ivanov, V. D., Kniazev, A. Y., Väisän, P., Beletsky, Y. & Boffin, H. M. J., 2015, *Astrophysical Journal Letters*, 800, L17 (27 citations)
[UR Press Release](#), [BBC](#), [Space.com](#), [Scientific American](#), [NBC](#), [CBC Radio](#), [Discovery News](#)
- A17. [On the Age of the \$\beta\$ Pictoris Moving Group](#)
Mamajek, E. E. & [Bell, C. P. M.](#) 2014, *MNRAS*, 445, 2169 (126 citations)
- A16. [The Solar Neighborhood. XXX. Fomalhaut C](#)
Mamajek, E. E., Bartlett, J. L., Seifahrt, A., Henry, T. J., Dieterich, S. B., Lurie, J. C., Kenworthy, M. A., Jao, W.-C., Reidel, A. R., Subasavage, J. P., Winters, J. G., Finch, C. T., Ianna, P. A., Bean, J., 2013, *AJ*, 146, 154 (61 citations)
[UR Press Release](#), [Sky & Telescope](#), [RedOrbit](#), [Nature World News](#)
- A15. [On the Age and Binarity of Fomalhaut](#)
Mamajek, E. E., 2012, *ApJ*, 754, L20 (97 citations)

- A14. *Planetary Construction Zones in Occultation: Eclipses by Circumsecondary and Circumplanetary Disks and a Candidate Eclipse of a Pre-main Sequence Star in Sco-Cen*
Mamajek, E. E., Quillen, A. C., Pecaut, M., Moolekamp, F., Scott, E., Kenworthy, M., Collier Cameron, A., & Parley, N., 2012, AJ, 143, 72 (75 citations)
- A13. *On the Nature of the Common Proper Motion Companions to the Exoplanet Host Star 51 Peg*
Mamajek, E. E., 2010, AN, 331, 704
- A12. *Discovery of a Faint Companion to Alcor Using MMT/AO 5 μ m Imaging*
Mamajek, E. E., Kenworthy, M. A., Hinz, P. M., & Meyer, M. R., 2010, AJ, 139, 919 (23 citations)
UR Press Release, USA Today, Sky & Telescope, The Register
- A11. *Improved Age Estimation for Solar-Type Dwarfs Using Activity-Rotation Diagnostics*
Mamajek, E. E. & Hillenbrand, L. A., 2008, ApJ, 687, 1264 (598 citations)
- A10. *On the Distance to the Ophiuchus Star-Forming Region*
Mamajek, E. E., 2008, AN, 329, 10 (100 citations)
- A9. *An Improbable Solution to the Underluminosity of 2M1207B: A Hot Protoplanet Collision Afterglow*
Mamajek, E. E. & Meyer, M. R., 2007, ApJ, 668, L175 (29 citations)
- A8. *A New Nearby Candidate Star Cluster in Ophiuchus at $d = 170$ pc*
Mamajek, E. E. 2006, AJ, 132, 2198 (5 citations)
- A7. *Erratum: "Post-T Tauri Stars in the Nearest OB Association" (AJ, 124, 1670 [2002])*
Mamajek, E. E., Meyer, M. R., & Liebert, J. L. 2006, AJ, 131, 2360 (16 citations)
- A6. *A Moving Cluster Distance to the Exoplanet 2M1207B in the TW Hya Association*
Mamajek, E. E. 2005, ApJ, 634, 1385 (175 citations)
- A5. *Constraining the Lifetime of Circumstellar Disks in the Terrestrial Planet Zone: A Mid-Infrared Survey of the 30 Myr-old Tucana-Horologium Association*
Mamajek, E. E., Meyer, M. R., Hinz, P. M., Hoffmann, W. H., Cohen, M., Hora, J. L. 2004, ApJ, 612, 496 (89 citations)
- A4. *Post-T Tauri Stars in the Nearest OB Association*
Mamajek, E. E., Meyer, M. R., & Liebert, J. L. 2002, AJ, 124, 1670 (211 citations)
- A3. *The η Chamaeleontis Cluster: Origin in the Sco-Cen OB Association*
Mamajek, E. E., Lawson, W. A., & Feigelson, E. D. 2000, ApJ, 544, 356 (113 citations)
- A2. *A Radio Survey of Older T Tauri Stars in the η Chamaeleontis Cluster*
Mamajek, E. E., Lawson, W. A., & Feigelson, E. D. 1999, Pub. Ast. Soc. Aus., 16, 257 (14 citations)

- A1. *The η Chamaeleontis Cluster: A Remarkable New Nearby Young Open Cluster*
Mamajek, E., Lawson, W. A., & Feigelson, E. D. 1999, ApJ, 516, L77 (162 citations)

Other Refereed Publications

- B143. *MASCARA-4 b/bRing-1b - A retrograde hot Jupiter around the bright A3V star HD 85628*
Dorval, P., Talens, G. J. J., Otten, G. P. P. L., Brahm, R., Jordán, A., Vanzi, L., Zapata, A., Henry, T., Paredes, L., Jao, W. C., James, H., Hinojosa, R., Bakos, G. A., Csabry, Z., Bhatti, W., Suc, V., Osip, D., **Mamajek, E. E.**, Mellon, S. N., Wyttenbach, A., Stuik, R., Kenworthy, M., Bailey, J., Ireland, M., Crawford, S., Lomberg, B., Kuhn, R., & Snellen, I., 2020, A&A, 635, A60 ([arXiv:1904.02733](https://arxiv.org/abs/1904.02733)) (5 citations)
- B142. *Are inner disc misalignments common? ALMA reveals an isotropic outer disc inclination distribution for young dipper stars*
Ansdell, M., Gaidos, E., Hedges, C., Tazzari, M., Kraus, A. L., Wyatt, M. C., Kennedy, G. M., Williams, J. P., Mann, A. W., Angelo, I., Dûchene, G., **Mamajek, E. E.**, Carpenter, J., Esplin, T. L., & Rizzuto, A. C., 2019, MNRAS, 492, 572 ([arXiv/1912.01610](https://arxiv.org/abs/1912.01610)) (1 citation)
- B141. *The Young Suns Exoplanet Survey: Detection of a wide-orbit planetary-mass companion to a solar-type Sco-Cen member*
Bohn, A. J., Kenworthy, M. A., Ginski, C., Manara, C. F., Pecaut, M. J., de Boer, J., Keller, C. U., **Mamajek, E. E.**, Meshkat, T., Reggiani, M., Todorov, K. O., Snik, F., 2019, MNRAS, 492, 431 ([arXiv:1912.04284](https://arxiv.org/abs/1912.04284)) (1 citation)
- B140. *THOR 42: A touchstone ~24 Myr-old eclipsing binary spanning the fully convective boundary*
Murphy, S.J., Lawson, W.A., Onken, C.A., Yong, D., Da Costa, G.S., Zhou, G., **Mamajek, E. E.**, Bell, C.P.M., Bessell, M.S., & Feinstein, A.D., 2019, MNRAS, 491, 4902 ([arXiv:1911.05925](https://arxiv.org/abs/1911.05925))
- B139. *ALMA and NACO observations towards the young exoring transit system J1407 (V1400 Cen)*
Kenworthy, M. A., Klaassen, P. D., Min, M., van der Marel, N., Bohn, A. J., Kama, M., Triaud, A., Hales, A., Monkiewicz, J., Scott, E., **Mamajek, E. E.**, 2020, A&A, 633, A115 ([arXiv:1912.03314](https://arxiv.org/abs/1912.03314))
- B138. *From Scattered-light to Millimeter Emission: A Comprehensive View of the Gigayear-old System of HD 202628 and its Eccentric Debris Ring*
Faramaz, V., Krist, J., Stapelfeldt, K.R., Bryden, G., **Mamajek, E. E.**, Matrà, L., Booth, M., Flaherty, K., Hales, A.S., Hughes, A.M., Bayo, A., Casassus, S., Cuadra, J., Olofsson, J., Su, K.Y.L., Wilner, D.J., 2019, AJ, 158, 4 ([arXiv:1909.04162](https://arxiv.org/abs/1909.04162))
- B137. *Bright Southern Variable Stars in the bRing Survey*
Mellon, S.N., **Mamajek, E. E.**, Stuik, R., Zwintz, K., Kenworthy, M.A., Talens, G.J.J., Burggraaff, O., Bailey, J.I., III, Dorval, P., Lomberg, B.B.D., Kuhn, R.B., & Ireland, M.J., 2019, ApJS, 244, 15 ([arXiv:1907.11927](https://arxiv.org/abs/1907.11927)) (1 citation)

- B136. *Four Newborn Planets Transiting the Young Solar Analog V1298 Tau*
David, T.J., Petigura, E.A., Luger, R., Foreman-Mackey, D., Livingston, J.H., **Mamajek, E.E.**, Hillenbrand, L.A., 2019, ApJ, 885, L12 ([arXiv:1910.04563](#)) (6 citations)
- B135. *TESS Reveals that the Nearby Pisces-Eridanus Stellar Stream is only 120 Myr Old*
Curtis, J.L., Agüeros, M.A., **Mamajek, E. E.**, Wright, J.T., Cummings, J.D., 2019, AJ, 158, 77 ([arXiv:1905.10588](#)) (9 citations)
- B134. *Revisiting the pulsational characteristics of the exoplanet host star β Pictoris*
Zwintz, K., Reese, D. R., Neiner, C., Pigulski, A., Kuschnig, R., Müllner, M., Zieba, S., Abe, L., Guillot, T., Handler, G., Kenworthy, M., Stuik, R., Moffat, A. F. J., Popowicz, A., Rucinski, S. M., Wade, G. A., Weiss, W. W., Bailey, J. I., Crawford, S., Ireland, M., Lomberg, B., **Mamajek, E. E.**, Mellon, S. N., Talens, G. J., 2019, A&A, 627, A28 ([arXiv/1905.12545](#)) (1 citations)
- B133. *The B-Star Exoplanet Abundance Study: A Co-Moving 16-25 M_{Jup} Companion to the Young Binary System HIP 79098*
Janson, M., Asensio-Torres, R., André, D., Bonnefoy, M., Delorme, P., Reffert, S., Desidera, S., Langlois, M., Chauvin, G., Gratton, R., Bohn, A.J., Eriksson, S.C., Marleau, G.-D., **Mamajek, E.E.**, Vigan, A., Carson, J.C., 2019, A&A, 626, A99 ([arXiv:1906.02787](#)) (2 citations)
- B132. *Spectroscopic Transit Search: a self-calibrating method for detecting planets around bright stars*
van Sluijs, L., de Mooij, E., Kenworthy, M., Celeste, M., Hooton, M. J., **Mamajek, E. E.**, Sipőcz, B., Snellen, I. A. G., Ridden-Harper, A. R., Wilson, P. A. 2019, Astronomy & Astrophysics, in press ([arXiv:1903.08186](#))
- B131. *A warm Jupiter-sized planet transiting the pre-main sequence star V1298 Tau*
David, T. J., Cody, A. M., Hedges, C. L., **Mamajek, E. E.**, Hillenbrand, L. A., Ciardi, D. R., Beichman, C. A., Petigura, E. A., Fulton, B. J., Isaacson, H. T., Howard, A. W., Gagné, J., Saunders, N. K., Rebull, L. M., Stauffer, J. R., Vasisht, G., & Hinkley, S. 2019, AJ, 158, 79 ([arXiv:1902.09670](#)) (13 citations)
- B130. *Discovery of a directly imaged disk in scattered light around the Sco-Cen member Wray 15-788*
Bohn, A. J., Kenworthy, M. A., Ginski, C., Benisty, M., de Boer, J., Keller, C. U., **Mamajek, E. E.**, Meshkat, T., Muro-Arena, G. A., Pecaute, M. J., Snik, F., Wolff, S. G., & Reggiani, M. 2019, Astronomy & Astrophysics, in press ([arXiv:1902.07723](#)) (3 citations)
- B129. *DECam Survey for Low-Mass Stars and Substellar Objects in the UCL and LCC Subgroups of the Sco-Cen OB Association (SCOCENSUS)*
Moolekamp, F. E., **Mamajek, E. E.**, James, D. J., Luhman, K. L., Pecaute, M. J., Metchev, S. A., Bell, C. P. M., Denbo, S. R., 2019, MNRAS, 5049 ([arXiv:1802.00878](#))
- B128. *The Planet Formation Potential around a 45 Myr Old Accreting M Dwarf*
Flaherty, K., Hughes, A. M., **Mamajek, E. E.**, & Murphy, S. J., 2019, Astrophysical Journal, 872, 92 ([arXiv:1812.04124](#)) (5 citations)

- B127. *Discovery of δ Scuti Pulsations in the Young Hybrid Debris Disk Star HD 156623*
Mellon, S. N., **Mamajek, E. E.**, Zwintz, K., David, T. J., Stuik, R., Talens, G. J. J., Dorval, P., Burggraaff, O., Kenworthy, M. A., Bailey, III, J. I., Lomberg, B. B. D., Kuhn, R. B., Ireland, M. J., Crawford, S. M., 2019, *Astrophysical Journal*, 870, 36 ([arXiv:1811.04118](#)) (1 citation)
- B126. *A Late-type L Dwarf at 11 pc Hiding in the Galactic Plane Characterized Using Gaia DR2*
Faherty, J. K., Gagné, J., Burgasser, A. J., **Mamajek, E. E.**, Gonzales, E. C., Bardalez Gagliuffi, D. C., Marocco, F., 2018, *Astrophysical Journal*, 868, 44 ([arXiv:1805.01573](#)) (8 citations)
- B125. *A 2 R_{Earth} Planet Orbiting the Bright Nearby K Dwarf Wolf 503*
Peterson, M. S., Benneke, B., David, T. J., Dressing, C. D., Ciardi, D., Crossfield, I. J. M., Schlieder, J. E., Petigura, E. A., **Mamajek, E. E.**, Christiansen, J. L., Quinn, S. N., Fulton, B. J., Howard, A. W., Sinukoff, E., Beichman, C., Latham, D. W., Yu, L., Arango, N., Shporer, A., Henning, T., Huang, C. X., Kosiarek, M. R., Dittmann, J., Isaacson, H. 2018, *Astronomical Journal*, 156, 188 ([arXiv:1806.03494](#)) (2 citations)
- B124. *Constraining the period of the ringed secondary companion to the young star J1407 with photographic plates*
Mentel, R. T., Kenworthy, M. A., Cameron, D. A., Scott, E. L., Mellon, S. N., Hudec, R., Birkby, J. L., **Mamajek, E. E.**, Schrimpf, A., Reichart, D. E., Haislip, J. B., Kouprianov, V. V., Hamsch, F.-J., Tan, T.-G., Hills, K., Grindlay, J. E., Rodriguez, J. E., Lund, M. B., Kuhn, R. B., 2018, *Astronomy & Astrophysics*, 619, A157 ([arXiv:1810.05171](#)) (6 citations)
- B123. *Data calibration for the MASCARA and bRing instruments*
Talens, G. J. J., Deul, E. R., Stuik, R., Burggraaff, O., Lesage, A.-L., Spronck, J. F. P., Mellon, S. N., Bailey, J. I., **Mamajek, E. E.**, Kenworthy, M. A., Snellen, I. A. G., 2018, *Astronomy & Astrophysics*, 619, A154 ([arXiv:1810.04060](#)) (5 citations)
- B122. *Discovery of a Transiting Adolescent Sub-Neptune Exoplanet in the Cas-Tau Association with K2*
David, T. J., **Mamajek, E. E.**, Vanderburg, A., Schlieder, J. E., Bristow, M., Petigura, E. A., Ciardi, D., Crossfield, I. J. M., Isaacson, H. T., Cody, A. M., Stauffer, J. R., Hillenbrand, L. A., Bieryla, A., Latham, D. W., Fulton, B. J., Rebull, L. M., Beichman, C., Gonzales, E. J., Hirsch, L. A., Howard, A. W., Vasisht, G., & Ygouf, M., 2018, *AJ*, 156, 302 ([arXiv:1801.07320](#)) (10 citations)
- B121. *A WISE Survey of Circumstellar Disks in the Upper Scorpius Association*
Esplin, T. L., Luhman, K. L., Miller, E. B., **Mamajek, E. E.**, 2018, *AJ*, 156, 75 ([arXiv:1807.07895](#)) (8 citations)
- B120. *WISE J080822.18-644357.3 - a 45 Myr-old Accreting M Dwarf Hosting a Pre-Transitional Disc*
Murphy, S. J., **Mamajek, E. E.**, Bell, C. P. M., 2018, *MNRAS*, 476, 3290 ([arXiv:1703.04544](#)) (16 citations)

- B119. *Three Small Planets Transiting the Bright Young Field Star K2-233*
David, T. J., Crossfield, I. J. M., Benneke, B., Petigura, E. A., Gonzales, E. J., Schlieder, J. E., Yu, L., Isaacson, H. T., Howard, A. W., Ciardi, D. R., **Mamajek, E. E.**, Hillenbrand, L. A., Cody, A. M., Riedel, A., Schwengeler, H. M., Tanner, C., & Ende, M., 2018, *AJ*, 155, 222 ([arXiv:1803.05056](#)) (6 citations)
- B118. *Volans-Carina: A New 90 Myr Old Stellar Association at 85 pc*
Gagné, J., Faherty, J. K., **Mamajek, E. E.**, 2018, *Astrophysical Journal*, 865, 136 ([arXiv:1808.04420](#)) (9 citations)
- B117. *The Origins Space Telescope*
Battersby, C., Armus, L., Bergin, E., Kataria, T., Meixner, M., Pope, A., Stevenson, K. B., Cooray, A., Leisawitz, D., Scott, D., Bauer, J., Bradford, C. M., Ennico, K., Fortney, J. J., Kaltenegger, L., Melnick, G. J., Milam, S. N., Narayanan, D., Padgett, D., Pontoppidan, K., Roellig, T., Sandstrom, K., Su, K. Y. L., Vieira, J., Wright, E., Zmuidzinas, J., Staguhn, J., Sheth, K., Benford, D., **Mamajek, E. E.**, Neff, S. G., Carey, S., Burgarella, D., De Beck, E., Gerin, M., Helmich, F. P., Moseley, S. H., Sakon, I., & Wiedner, M. C., 2018, *Nature Astronomy*, 2, 596 ([arXiv:1809.07351](#)) (7 citations)
- B116. *New Young Stars and Brown Dwarfs in the Upper Scorpius Association*
Luhman, K. L., Herrmann, K. A., **Mamajek, E. E.**, Esplin, T. L., Pecaut, M. J., 2018, *AJ*, 156, 76 ([arXiv:1807.07955](#)) (11 citations)
- B115. *BANYAN. XI. The BANYAN Σ Multivariate Bayesian Algorithm to Identify Members of Young Associations within 150 pc*
Gagné, J., **Mamajek, E. E.**, Malo, L., Riedel, A., Rodriguez, D., Lafrenière, D., Faherty, J. K., Roy-Loubier, O., Pueyo, L., Robin, A. C., Doyon, R., 2018, *ApJS*, 856, 23 ([arXiv:1801.09051](#)) (104 citations)
- B114. *The Kinematics of the Scorpius-Centaurus OB Association from Gaia DR1*
Wright, N. & **Mamajek, E. E.**, 2018, *MNRAS*, 476, 381 ([arXiv:1801.08540](#)) (44 citations)
- B113. *The GALEX View of “Boyajian’s Star” (KIC 8462852)*
Davenport, J. R. A., Covey, K. R., Clarke, R. W., Laycock, Z., Fleming, S. W., Boyajian, T. S., Montet, B. T., Shiao, B., Million, C. C., Wilson, D. J., Olmedo, M., **Mamajek, E. E.**, Olmedo, D., Chávez, M., & Bertone, E., 2018, *ApJ*, 853, 130 ([arXiv:1712.04948](#)) (8 citations)
- B112. *Angular Momentum Evolution of Young Stars in the nearby Scorpius-Centaurus OB Association*
Mellon, S. N., **Mamajek, E. E.**, Oberst, T. E., & Pecaut, M. J., 2017, *ApJ*, 844, 66 ([arXiv:1706.06105](#)) (7 citations)
- B111. *Identification of Young Stellar Variables with KELT for K2 II: The Upper Scorpius Association*
Ansdell, M., Oelkers, R. J., Rodriguez, J. E., Gaidos, E., Somers, G., **Mamajek, E.**, Cargile, P. A., Stassun, K. G., Pepper, J., Stevens, D. J., Beatty, T. G., Siverd, R. J., Lund, M. B., Kuhn, R. B., James, D., & Gaudi, B. S., 2017, *MNRAS*, 473, 1231 ([arXiv:1707.07313](#)) (7 citations)

- B110. *bRing: An observatory dedicated to monitoring the β Pictoris b Hill sphere transit*
Stuik, R., Bailey, III, J. I., Dorval, P., Talens, G. J. J., Laginja, I., Mellon, S. N., Lomberg, B. B. D., Crawford, S. M., Ireland, M. J., **Mamajek, E. E.**, & Kenworthy, M. A., 2017, *A&A*, 607, 45 ([arXiv:1709.01325](#)) (13 citations)
- B109. *A Catalog of Stellar Unified Properties (CATSUP) for 951 FGK-Stars Within 30 pc*
Hinkel, N. R., **Mamajek, E. E.**, Turnbull, M. C., Osby, E., Shkolnik, E. L., Smith, G. H., Klimasewski, A., Somers, G., & Desch, S. J., 2017, *ApJ*, 848, 34 ([arXiv:1709.04465](#)) (13 citations)
- B108. *Dippers and dusty disc edges: new diagnostics and comparison to model predictions*
Bodman, E. H. L., Quillen, A. C., Ansdell, M., Hippke, M., Boyajian, T. S., **Mamajek, E. E.**, Blackman, E. G., Rizzuto, A., & Kastner, J. H., 2017, *MNRAS*, 470, 202 ([arXiv:1605.03985](#)) (28 citations)
- B107. *On the Age of the TRAPPIST-1 System*
Burgasser, A. J., & **Mamajek, E. E.**, 2017, *ApJ*, 845, 110 ([arXiv:1706.02018](#)) (38 citations)
[Sky & Telescope](#), [space.com](#), [Daily Mail](#)
- B106. *A Survey for Planetary-mass Brown Dwarfs in the Chamaeleon I Star-forming Region*
Esplin, T. L., Luhman, K. L., Faherty, J. K., **Mamajek, E. E.**, & Bochanski, J. J., 2017, *AJ*, 154, 46 ([arXiv:1706.00058](#)) (10 citations)
- B105. *Periodic Eclipses of the Young Star PDS 110 Discovered with WASP and KELT Photometry*
Osborn, H. P., Rodriguez, J. E., Kenworthy, M. A., Kennedy, G. M., **Mamajek, E. E.**, Robinson, C. E., Espaillat, C. C., Armstrong, D. J., Shappee, B. J., Bieryla, A., Latham, D. W., Anderson, D. R., Beatty, T. G., Berlind, P., Calkins, M. L., Esquerdo, G. A., Gaudi, B. S., Hellier, C., Holoiien, T. W.-S., James, D., Kochanek, C. S., Kuhn, R. B., Lund, M. B., Pepper, J., Pollacco, D. L., Prieto, J. L., Siverd, R. J., Stassun, K. G., Stevens, D. J., Stanek, K. Z., & West, R. G., 2017, *MNRAS*, 470, 740 ([arXiv:1705.10346](#)) (12 citations)
- B104. *The Greater Taurus-Auriga Ecosystem. I. There is a Distributed Older Population*
Kraus, A. L., Herczeg, G. J., Rizzuto, A. C., Mann, A. W., Slesnick, C. L., Carpenter, J. M., Hillenbrand, L. A., & **Mamajek, E. E.**, *ApJ*, 838, 150 ([arXiv:1702.04341](#)) (32 citations)
- B103. *Revised Geometric Estimates of the North Galactic Pole and the Sun's Height Above the Galactic Mid-Plane*
Karim, M. T., **Mamajek, E. E.**, 2017, *MNRAS*, 465, 472 ([arXiv:1610.08125](#)) (21 citations)
- B102. *BANYAN. IX. The Initial Mass Function and Planetary-mass Object Space Density of the TW Hya Association*
Gagné, J., Faherty, J. K., **Mamajek, E. E.**, Malo, L., Doyon, R., Filippazzo, J. C., Weinberger, A. J., Donaldson, J. K., Lépine, S., Lafrenière, D., Artigau, É., Burgasser, A. J.,Looper, D., Boucher, A., Beletsky, Y., Camnasio, S., Brunette, C., & Arboit, G., 2017, *ApJS*, 228, 18 ([arXiv:1612.02881](#)) (39 citations)

- B101. *A Stellar Census of the Nearby, Young 32 Orionis Group*
Bell, C. P. M., Murphy, S. J., & **Mamajek, E. E.**, 2017, MNRAS, 468, 1198 ([arXiv:1703.00015](#))
(10 citations)
- B100. *A Survey for New Members of the Taurus Star-forming Region with the Sloan Digital Sky Survey*
Luhman, K. L., **Mamajek, E. E.**, Shukla, S. J., Loutrel, N. P., 2017, AJ, 153, 46 ([arXiv:1610.09412](#))
(27 citations)
- B99. *Deep LMT/AzTEC millimeter observations of ϵ Eridani and its surroundings*
Chavez-Dagostino, M., Bertone, E., Cruz-Saenz de Miera, F., Marshall, J. P., Wilson, G. W., Sánchez-Argüelles, D., Hughes, D. H., Kennedy, G., Vega, O., De la Luz, V., Dent, W. R. F., Eiroa, C., Gómez-Ruiz, A., Greaves, J. S., Lizano, S., López-Valdivia, R., **Mamajek, E.**, Montaña, A., Olmedo, M., Rodríguez-Montoya, I., Schloerb, F. P., Yun, M. S., Zavala, J. A., Zeballos, M., 2016, MNRAS, 462, 2285 ([arXiv:1606.02761](#)) (6 citations)
- B98. *MagAO Imaging of Long-period Objects (MILO). II. A Puzzling White Dwarf around the Sun-like Star HD 11112*
Rodigas, T. J., Bergeron, P., Simon, A., Arriagada, P., Faherty, J. K., Anglada-Escudé, G., **Mamajek, E. E.**, Weinberger, A., Butler, R. P., Males, J. R., Morzinski, K., Close, L. M., Hinz, P. M., Bailey, J., Carter, B., Jenkins, J. S., Jones, H., O'Toole, S., Tinney, C. G., Wittenmyer, R., & Debes, J., 2016, ApJ, 831, 177 ([arXiv:1609.02576](#))
- B97. *Nominal values for selected solar and planetary quantities: IAU 2015 Resolution B3*
Prsa, A., Harmanec, P., Torres, G., **Mamajek, E.**, Asplund, M., Capitaine, N., Christensen-Dalsgaard, J., Depagne, E., Haberreiter, M., Hekker, S., Hilton, J., Kopp, G., Kostov, V., Kurtz, D. W., Laskar, J., Mason, B. D., Milone, E. F., Montgomery, M., Richards, M., Schmutz, W., Schou, J., Stewart, S. G., 2016, AJ, 152, 41 ([arXiv:1605.09788](#)) (19 citations)
- B96. *The Star-formation History and Accretion-Disk Fraction Among the K-Type Members of the Scorpius-Centaurus OB Association*
Pecaut, M. J. & **Mamajek, E. E.**, 2016, MNRAS, 461, 794 ([arXiv:1605.08789](#)) (15 citations)
- B95. *An M-dwarf star in the transition disk of Herbig HD 142527. Physical parameters and orbital elements*
Lacour, S., Biller, B., Cheetham, A., Greenbaum, A., Pearce, T., Marino, S., Tuthill, P., Pueyo, L., **Mamajek, E. E.**, Girard, J. H., Sivaramakrishnan, A., Bonnefoy, M., Baraffe, I., Chauvin, G., Olofsson, J., Juhasz, A., Benisty, M., Pott, J.-U., Sicilia-Aguilar, A., Henning, T., Cardwell, A., Goodsell, S., Graham, J. R., Hibon, P., Ingraham, P., Konopacky, Q., Macintosh, B., Oppenheimer, R., Perrin, M., Rantakyro, F., Sadakuni, N., & Thomas, S., 2016, A&A, 590, A90
(5 citations)

- B94. *A High-precision Near-infrared Survey for Radial Velocity Variable Low-mass Stars Using CSHELL and a Methane Gas Cell*
Gagné, J., Plavchan, P., Gao, P., Anglada-Escude, G., Furlan, E., Davison, C., Tanner, A., Henry, T. J., Riedel, A. R., Brinkworth, C., Latham, D., Bottom, M., White, R., Mills, S., Beichman, C., Johnson, J. A., Ciardi, D. R., Wallace, K., Mennesson, B., von Braun, K., Vasisht, G., Prato, L., Kane, S. R., **Mamajek, E. E.**, Walp, B., Crawford, T. J., Rougeot, R., Geneser, C. S., Catanzarite, J., 2016, *ApJ*, 822, 40 (2 citations)
- B93. *The First Brown Dwarf/Planetary-Mass Object in the 32 Orionis Group*
Burgasser, A. J., Lopez, M. A., **Mamajek, E. E.**, Gagne, J., Faherty, J. K., Tallis, M., Choban, C., Escala, I., & Aganze, C., 2016, *ApJ*, 820, 32
- B92. *A Self-consistent, Absolute Isochronal Age Scale For Young Moving Groups in the Solar Neighbourhood*
Bell, C. P. M., **Mamajek, E.**, & Naylor, T., 2015, *MNRAS*, 454, 593 (34 citations)
- B91. *Searching for Gas Giant Planets on Solar System Scales - A NACO/APP L'-band Survey of A- and F-type Main Sequence Stars*
Meshkat, T., Kenworthy, M., Reggiani, M., Quanz, S., **Mamajek, E.** & Meyer, M., 2015, *MNRAS*, 453, 2533 (3 citation)
- B90. *Discovery of a Low-Mass Companion to the F7V star HD 984*
Meshkat, T., Bonnefoy, M., **Mamajek, E. E.**, Quanz, S. P., Chauvin, G., Kenworthy, M. A., Rameau, J., Meyer, M. R., Lagrange, A.-M., Lannier, J., & Delorme, P., 2015, *MNRAS*, 453, 2378 (1 citation)
- B89. *Deep GALEX UV Survey of the Kepler Field. I. Point Source Catalog*
Olmedo, M., Lloyd, J., **Mamajek, E.**, Chávez, M., Bertone, E., Martin, D. C., Neill, J. D., 2015, *ApJ*, 813, 100 (1 citation)
- B88. *Toyz: A Framework for Scientific Analysis of Large Datasets and Astronomical Images*
Moolekamp, F., & **Mamajek, E.**, 2015, *Astronomy & Computing*, 13, 50
- B87. *Direct Exoplanet Detection with Binary Differential Imaging*
Rodigas, T. J., Weinberger, A., **Mamajek, E. E.**, Males, J. R., Close, L. M., Morzinski, K., Hinz, P. M., & Kaib, N., 2015, *ApJ*, 811, 157 (2 citations)
- B86. *The Brown Dwarf Kinematics Project (BDKP). IV. Radial Velocities of 85 Late-M and L dwarfs with MagE*
Burgasser, A. J., Logsdon, S. E., Gagne, J., Bochanski, J. J., Faherty, J. K., West, A. A., **Mamajek, E. E.**, Schmidt, S. J., & Cruz, K. L., 2015, *ApJS*, 220, 18 (4 citations)
- B85. *V409 Tau As Another AA Tau: Photometric Observations of Stellar Occultations by the Circumstellar Disk*
Rodriguez, J. E., Pepper, J., Stassun, K. G., Siverd, R. J., Cargile, P., Weintraub, D. A., Beatty, T. G., Gaudi, B. S., Mamajek, E. E., Sanchez, N., 2015, *AJ*, 150, 32 (2 citations)

- B84. *Modeling Giant Extrasolar Ring Systems in Eclipse and the Case of J1407b: Sculpting by Exomoons?*
Kenworthy, M. A. & **Mamajek, E. E.**, 2015, ApJ, 800, 126 (10 citations)
[UR Press Release](#), [CNN Top Story](#) 28 Jan 2015, [BBC](#), [Time](#), [Democrat & Chronicle](#), [USA Today](#),
[Christian Science Monitor](#)
- B83. *Searching for Planets in Holey Debris Disks with the Apodizing Phase Plate*
Meshkat, T., Bailey, V. P., Su, K. Y. L., Kenworthy, M. A., **Mamajek, E. E.**, Hinz, P. M., & Smith,
P. S., 2015, ApJ, 800, 5 (3 citations)
- B82. *Properties of the Solar Neighbor WISE J072003.20-084651.2*
Ivanov, V. D., Vaisanen, P., Kniazev, A. Y., Beletsky, Y., **Mamajek, E. E.**, Muzic, K., Beamin, J. C.,
Boffin, H. M. J., Pourbaix, D., Gandhi, P., Gulbis, A., Monaco, L., Saviane, I., Kurtev, R., Mawet,
D., Borissova, J., Minniti, D., 2015, A&A, 574, 64 (5 citations)
- B81. *Mass and Period Limits on the Ringed Companion Transiting the Young Star J1407*
Kenworthy, M. A., Lacour, S., Kraus, A., Triaud, A. H. M. J., **Mamajek, E. E.**, Scott, E. L.,
Ségransan, D., Ireland, M., Hamsch, F.-J., Reichart, D. E., Haislip, J. B., LaCluyze, A. P., Moore,
J. P., Frank, N. R., 2015, MNRAS, 446, 411 (5 citations)
- B80. *Pre-main-sequence Isochrones - III. The Cluster Collaboration Isochrone Server*
Bell, C. P. M., Rees, J. M., Naylor, T.; Mayne, N. J., Jeffries, R. D., **Mamajek, E. E.**, Rowe, J.
(9 citations)
- B79. *Modeling Transiting Circumstellar Disks: Characterizing the Newly Discovered Eclipsing Disk System
OGLE LMC-ECL-11893*
Scott, E. L., **Mamajek, E. E.**, Pecaut, M. J., Quillen, A. C., Moolekamp, F., Bell, C. P. M., 2014,
ApJ, 797, 6 (1 citation)
- B78. *Detecting the Oldest Geodynamo and Attendant Shielding from the Solar Wind: Implications for
Habitability*
Tarduno, J. A., Blackman, E. G., **Mamajek, E. E.**, 2014, Physics of the Earth and Planetary
Interiors, 233, 68 (4 citations)
- B77. *The Fraction of Young Eclipsing Binaries That Host Discs*
Meng, Z., Quillen, A. C., Bell, C. P. M., **Mamajek, E. E.**, Scott, E. L., 2014, MNRAS, 441, 3733
(4 citations)
- B76. *Analysis of 1SWASP J140747.93-394542.6 Eclipse Fine-Structure: Hints of Exomoons*
van Werkhoven, T. I. M., Kenworthy, M. A., **Mamajek, E. E.**, 2014, MNRAS, 441, 2845 (2 citations)
- B75. *A WISE Survey of Circumstellar Disks in Taurus*
Esplin, T. L., Luhman, K. L., **Mamajek, E. E.**, 2014, ApJ, 784, 126 (5 citations)

- B74. *Does the Debris Disk around HD 32297 Contain Cometary Grains?*
Rodigas, T. J., Debes, J. H., Hinz, P. M., **Mamajek, E. E.**, Pecaut, M. J., Currie, T., Bailey, V., Defrere, D., De Rosa, R. J., Hill, J. M., Leisenring, J., Schneider, G., Skemer, A. J., Skrutskie, M., Vaitheeswaran, V., and Ward-Duong, K., 2014, ApJ, 783, 21 (10 citations)
- B73. *HD 106906 b: A Planetary-Mass Companion Outside a Massive Debris Disk*
Bailey, V., Meshkat, T., Reiter, M., Morzinski, K., Males, J., Su, K. Y. L., Hinz, P. M., Kenworthy, M., Stark, D., **Mamajek, E. E.**, Briguglio, R., Close, L. M., Follette, K. B., Puglisi, A., Rodigas, T., Weinberger, A. J., Xompero, M., 2014, ApJ Letters, 780, L4 (38 citations)
- B72. *Ages of Young Stars*
Soderblom, D. R., Hillenbrand, L. A., Jeffries, R. D., **Mamajek, E. E.**, & Naylor, T., Protostars & Protoplanets VI, University of Arizona Press (2014), eds. H. Buether, R. Klessen, C. Dullemond, & Th. Henning (45 citations)
- B71. *The κ Andromedae System: New Constraints on the Companion Mass, System Age, and Further Multiplicity*
Hinkley, S., Pueyo, L., Faherty, J. K., Oppenheimer, B. R., **Mamajek, E. E.**, and 27 coauthors, 2013, ApJ, 779, 153 (23 citations)
- B70. *Further Evidence of the Planetary Nature of HD 95086 b from Gemini/NICI H-band Data*
Meshkat, T., Bailey, V., Rameau, J., Bonnefoy, M., Boccaletti, A., **Mamajek, E. E.**, Kenworthy, M., Chauvin, G., Lagrange, A.-M., Su, K. Y. L., & Currie, T., 2013, ApJ, 775, L40 (10 citations)
- B69. *Intrinsic Colors, Temperatures, and Bolometric Corrections of Pre-main-sequence Stars*
Pecaut, M. J. & **Mamajek, E. E.**, 2013, ApJS, 208, 9 (618 citations)
- B68. *A Kine-Chemical Investigation of the AB Dor Moving Group "Stream"*
Barenfeld, S. A., Bubar, E. J., **Mamajek, E. E.**, Young, P. A., 2013, ApJ, 766, 6 (38 citations)
- B67. *2MASSJ035523.51+113337.4: A Young, Dusty, Nearby, Isolated Brown Dwarf Resembling A Giant Exoplanet*
Faherty, J. K., Rice, E. L., Cruz, K. L., **Mamajek, E. E.**, Nuñez, A., 2013, AJ, 145, 2 (58 citations)
- B66. *The Disk Population of the Upper Scorpius Association*
Luhman, K. L., & **Mamajek, E. E.**, 2012, ApJ, 758, 31 (37 citations)
- B65. *A Spitzer MIPS Study of 2.5-2.0 M_{\odot} Stars in Scorpius-Centaurus*
Chen, C. H., Pecaut, M., **Mamajek, E. E.**, Su, K. Y. L., & Bitner, M., 2012, ApJ, 756, 133 (21 citations)

- B64. *A Spitzer IRS Survey of NGC 1333: Insights Into Disk Evolution From a Very Young Cluster*
Arnold, L. A., Watson, D. M., Kim, K. H., Manoj, P., Remming, I., Sheehan, P., Adame, L., Forrest, W. J., Furlan, E., **Mamajek, E.**, McClure, M., Espaillat, C., Ausfeld, K., & Rapson, V. A., *ApJS*, 201, 12 (6 citations)
- B63. *Remnant Gas in Evolved Circumstellar Disks: Herschel PACS Observations of 10-100 Myr Disk Systems*
Geers, V. C., Gorti, U., Meyer, M. R., **Mamajek, E. E.**, Benz, A. O., & Hollenbach, D., 2012, *ApJ*, 755, 8 (1 citation)
- B62. *The Spitzer Survey of Interstellar Clouds in the Gould Belt. V. Ophiuchus North Observed with IRAC and MIPS*
Hatchell, J., Terebey, S., Huard, T., **Mamajek, E.**, Allen, L., Bourke, T., Dunham, M., Gutermuth, R., Harvey, P., Jorgensen, J., Merin, B., Noriega-Crespo, A., & Peterson, D., 2012, *ApJ*, 754, 104 (14 citations)
- B61. *A Revised Age for Upper Scorpius and the Star Formation History among the F-type Members of the Scorpius-Centaurus OB Association*
Pecaut, M. J., **Mamajek, E. E.**, Bubar, E. J., 2012, *ApJ*, 746, 154 (289 citations)
- B60. *The Stellar-activity-Rotation Relationship and the Evolution of Stellar Dynamos*
Wright, N. J., Drake, J. J., **Mamajek, E. E.**, & Henry, G. W., 2011, *ApJ*, 743, 48 (274 citations)
- B59. *Lithium in the Upper Centaurus Lupus and Lower Centaurus Crux Subgroups of Scorpius-Centaurus*
Bubar, E. J., Schaeuble, M., King, J. R., **Mamajek, E. E.**, & Stauffer, J. R., 2011, *AJ*, 142, 180 (5 citations)
- B58. *A Magellan MIKE and Spitzer MIPS Study of 1.5-1.0 M_{\odot} Stars in Scorpius-Centaurus*
Chen, C. H., **Mamajek, E. E.**, Bitner, M. A., Pecaut, M., Su, K. Y. L., Weinberger, A. J., 2011, *ApJ*, 738, 122 (51 citations)
- B57. *Piercing the Glare: A Direct Imaging Search for Planets in the Sirius System*
Thalmann, C., Usuda, T., Kenworthy, M., Janson, M., **Mamajek, E. E.**, Brandner, W., Dominik, C., Goto, M., Hayano, Y., Henning, T., Hinz, P. M., Minowa, Y., & Tamura, M., 2011, *ApJ*, 732, L34 (4 citations)
- B56. *Direct Imaging Constraints on the Putative Exoplanet 14 Her c*
Rodigas, T. J., Males, J. R., Hinz, P. M., **Mamajek, E. E.**, Knox, R. P., 2011, *ApJ*, 732, 10 (5 citations)
- B55. *V474 Car: A New Rare Halo RS CVn Binary in Retrograde Galactic Orbit*
Bubar, E. J., **Mamajek, E. E.**, Jensen, E. L. N., Walter, F. M., 2011, *AJ*, 141, 140 (1 citation)

- B54. [The Gemini NICI Planet-finding Campaign: Discovery of a Substellar L Dwarf Companion to the Nearby Young M Dwarf CD-35 2722](#)
Wahhaj, Z., Liu, M. C., Biller, B. A., Clarke, F., Nielsen, E. L., Close, L. M., Hayward, T. L., **Mamajek, E. E.**, Cushing, M., Dupuy, T., Tecz, M., Thatte, N., Chun, M., Ftaclas, C., Hartung, M., Ried, I. N., Shkolnik, E. L., Alencar, S. H. P., Artymowicz, P., Boss, A., de Gouveia Dal Pino, E., Gregorio-Hettem, J., Ida, S., Kuchner, M., Lin, D. N. C., Toomey, D. W., 2011, *ApJ*, 729, 139 (54 citations)
- B53. [FIRE Spectroscopy of the T8 Dwarf Ross 458C: Clouds in the Coldest Brown Dwarfs](#)
Burgasser, A. J., Simcoe, R. A., Bochanski, J. J., Saumon, D., **Mamajek, E. E.**, Cushing, M. C., Marley, M. S., McMurtry, C., Pipher, J. L., & Forrest, W. J., 2011, *ApJ*, 725, 1405 (55 citations)
- B52. [A Widely-Separated, Highly-Occluded Companion to the Nearby Low-Mass T Tauri Star TWA 30](#)
Looper, D. L., Bochanski, J. J., Burgasser, A. J., Mohanty, S., **Mamajek, E. E.**, Faherty, J. K., West, A. A., Pitts, M. A., 2010, *ApJ*, 140, 1486 (38 citations)
- B51. [Erratum: "Discovery of a Wide Binary Brown Dwarf Born in Isolation" \(2009, ApJ, 691, 1265\)](#)
Luhman, K. L., **Mamajek, E. E.**, Allen, P. R., Muench, A. A., & Finkbeiner, D. P., 2010, *ApJ*, 720, 1781 (3 citations)
- B50. [Structure and Composition of Two Transitional Circumstellar Disks in Corona Australis](#)
Hughes, A. M., Andrews, S. A., Wilner, D. J., Meyer, M. R., Carpenter, J. M., Qi, C., Hales, A. S., Casassus, S., Hogerheijde, M. R., **Mamajek, E. E.**, Wolf, S., Bouwman, J., Henning, T., Silverstone, M. D., 2010, *ApJ*, 140, 887 (14 citations)
- B49. [Spectroscopy of Putative Brown Dwarfs in Taurus](#)
Luhman, K. L., & **Mamajek, E. E.**, 2010, *ApJ*, 716, L120 (8 citations)
- B48. [Thermal Infrared MMTAO Observations of the HR 8799 Planetary System](#)
Hinz, P. M., Rodigas, T. J., Kenworthy, M. A., Sivanandam, S., Heinze, A. N., **Mamajek, E. E.**, & Meyer, M. R., 2010, *ApJ*, 716, 417 (44 citations)
- B47. [HD 101088, An Accreting 14 AU Binary in Lower Centaurus Crux With Very Little Circumstellar Dust](#)
Bitner, M. A., Chen, C. H., Muzerolle, J., Weinberger, A. J., Pecaut, M., **Mamajek, E. E.**, McClure, M. K., 2010, *ApJ*, 714, 1542 (8 citations)
- B46. [Discovery of a New Low-Mass Star in the TW Hydrae Association With Signs of Accretion and Outflow](#)
Looper, D. L., Bochanski, J. J., Burgasser, A. J., **Mamajek, E.**, Rayner, J., Faherty, J., Kirkpatrick, J. D., 2010, *ApJ*, 714, 45 (42 citations)
- B45. [Geodynamo, Solar Wind, and Magnetopause 3.4 to 3.45 Billion Years Ago](#)
Tarduno, J. A., Cottrell, R. D., Watkeys, M., Hofmann, A., Doubrovine, P. V., **Mamajek, E. E.**, Liu, D., Sibeck, D. G., Neukirch, L., Usui, Y., 2010, *Science*, 327, 1238 (55 citations)
[UR Press Release](#), [Scientific American](#), [Wired](#)

- B44. *Pre-Main Sequence Stars in the Cepheus Flare Region*
Kun, M., Balog, Z., Kenyon, S. J., **Mamajek, E. E.**, Gutermuth, R.A., 2009, ApJS, 185, 451 (17 citations)
- B43. *Debris Disks in the Upper Scorpius OB Association*
Carpenter, J. M., **Mamajek, E. E.**, Hillenbrand, L. A., & Meyer, M. R., 2009, ApJ, 705, 1646 (52 citations)
- B42. *An Infrared/X-ray Survey for New Members of the Taurus Star-Forming Region*
Luhman, K. L., **Mamajek, E. E.**, Allen, P. R., & Cruz, K. L., 2009, ApJ, 703, 399 (93 citations)
- B41. *MMT/AO 5-Micron Imaging Constraints on the Existence of Giant Planets Orbiting Fomalhaut at ~13-40 AU*
Kenworthy, M. A., **Mamajek, E. E.**, Hinz, P. M., Meyer, M. R., Heinze, A. N., Miller, D. L., Sivanandam, S., & Freed, M., 2009, ApJ, 697, 1928 (16 citations)
- B40. *Formation and Evolution of Planetary Systems: Properties of Debris Dust Around Solar-Type Stars*
Carpenter, J. M., Bouwman, J., **Mamajek, E. E.**, Meyer, M. R., Hillenbrand, L. A., Backman, D. E., Henning, Th., Hines, D. C., Hollenbach, D., Kim, J. S., Moro-Martín, A., Pascucci, I., Silverstone, M. D., Stauffer, J. R., & Wolf, S., 2009, ApJS, 181, 197 (109 citations)
- B39. *Infrared Emission by Dust Around λ Bootis Stars: Debris Disks or Thermally Emitting Nebulae?*
Martínez-Galarza, J. R., Kamp, I., Su, K. Y. L., Gáspár, A., Rieke, G., & **Mamajek, E. E.**, 2009, ApJ, 694, 165-173 (18 citations)
- B38. *Discovery of a Wide Binary Brown Dwarf Born in Isolation*
Luhman, K. L., **Mamajek, E. E.**, Allen, P. R., Muench, A. A., & Finkbeiner, D. P., 2009, ApJ, 691, 1265-1275 (40 citations)
- B37. *The Low-Mass Stellar Population of the Scorpius-Centaurus OB Association*
Preibisch, T., & **Mamajek, E. E.**, 2009, Handbook of Star-Forming Regions, Vol. 2: The Southern Sky, ed. B. Reipurth, p. 235 (37 citations)
- B36. *A Survey for a Coeval, Comoving Group Associated with HD 141569*
Aarnio, A. N., Weinberger, A. J., Stassun, K. G., **Mamajek, E. E.**, James, D. J., 2008, AJ, 136, 2483 (5 citations)
- B35. *The Spitzer Survey of Interstellar Clouds in Gould's Belt. I. IC 5146 Observed with IRAC and MIPS*
Harvey, P. M., Huard, T. L., Jorgensen, J. K., Gutermuth, R. A., **Mamajek, E. E.**, Bourke, T. L., Merin, B., Cieza, L., Brooke, T., Chapman, N., Alcalá, J. M., Allen, L. E., Evans II, N. J., Kirk, J. M., 2008, ApJ, 680, 495 (30 citations)
- B34. *The Disk Population of the Chamaeleon I Star-Forming Region*
Luhman, K. L., Allen, L. E., Allen, P. R., Gutermuth, R. A., Hartmann, L., **Mamajek, E. E.**, Megeath, S. T., Myers, P. C., & Fazio, G. G., 2008, ApJ, 675, 1375 (119 citations)

- B33. *Evolution of Mid-IR Excess Around Sun-Like Stars: Constraints on Models of Terrestrial Planet Formation*
Meyer, M. R., Carpenter, J. M., **Mamajek, E. E.**, Hillenbrand, L. A., Hollenbach, D., Moro-Martín, A., Kim, J. S., Silverstone, M. D., Najita, J., Hines, D. C., Pascucci, I., Backman, D. E., & Stauffer, J. R., 2008, ApJ, 673, L181 (73 citations)
- B32. *A Survey for Massive Giant Planets in Debris Disks with Evacuated Inner Cavities*
Apai, D., Janson, M., Moro-Martín, A., Meyer, M. R., **Mamajek, E. E.**, Masciadri, E., Henning, Th., Pascucci, I., Kim, J. S., Hillenbrand, L. A., Kasper, M., & Biller, B., 2008, ApJ, 672, 1196 (32 citations)
- B31. *The Moth: An Unusual Circumstellar Debris Structure Associated with the Nearby, Sun-like Star HD 61005*
Hines, D. C., Schneider, G., Hollenbach, D., **Mamajek, E. E.**, Hillenbrand, L. A., Metchev, S., Meyer, M. R., Carpenter, J. M., Moro-Martín, A., Silverstone, M. D., Kim, J. S., Henning, Th., Bouwman, J., & Wolf, S., 2007, ApJ, 671, L165 (41 citations)
- B30. *A Survey for Extrasolar Planets Around 54 Close, Young Stars with SDI at the VLT and MMT*
Biller, B. A., Close, L. M., Masciadri, E., Nielsen, E., Lenzen, R., Brandner, W., McCarthy, D., Hartung, M., Kellner, S., **Mamajek, E.**, Henning, T., Miller, D., Kenworthy, M., & Kulesa, C., 2007, ApJS, 173, 143 (93 citations)
- B29. *Detection of [Ne II] Emission from Young Circumstellar Disks*
Pascucci, I., Hollenbach, D., Najita, J., Muzerolle, J., Gorti, U., Herczeg, G. J., Hillenbrand, L. A., Kim, J. S., Carpenter, J. M., Meyer, M. R., **Mamajek, E. E.**, Bouwman, J. 2007, ApJ, 663, 383 (90 citations)
- B28. *Are Debris Disks and Massive Planets Correlated?*
Moro-Martín, A., Carpenter, J. M., Meyer, M. R., Hillenbrand, L. A., Malhotra, R., Hollenbach, D., Najita, J., Henning, T., Kim, J. S., Bouwman, J., Silverstone, M. D., Hines, D. C., Wolf, S., Pascucci, I., **Mamajek, E. E.**, & Lunine, J. 2007, ApJ, 658, 1312 (54 citations)
- B27. *Observations of Herbig Ae Stars and Disks with Nulling Interferometry*
Liu, W. M., Hinz, P. M., Meyer, M. R., **Mamajek, E. E.**, Hoffmann, W. F., Brusa, G., Miller, D., & Kenworthy, M. A. 2007, ApJ, 658, L1164 (23 citations)
- B26. *The Planetary Mass Companion 2MASS1207-3932 B: Temperature, Mass, and Evidence for an Edge-on Disk*
Mohanty, S., Huélamo, N., Jayawardhana, R., **Mamajek, E. E.** 2007, ApJ, 657, 1064 (101 citations)
- B25. *Spitzer 24 Micron Observations of Open Cluster IC 2391 and Debris Disk Evolution of FGK Stars*
Siegler, N., Muzerolle, J., Young, E. T., Rieke, G. H., **Mamajek, E. E.**, Trilling, D. E., Gorlova, N., Su, K. Y. L. 2007, ApJ, 654, 580 (77 citations)

- B24. *Low-Mass Star-Formation in OB Associations*
Briceño, C., Preibisch, T., Sherry, B., **Mamajek, E.**, Mathieu, R., Walter, F., & Zinnecker, H. 2007, in *Protostars & Planets V*, ed. B. Reipurth, p. 345 (44 citations)
- B23. *The Formation and Evolution of Solar Systems: Placing Our Solar System in Context with Spitzer*
Meyer, M. R., Hillenbrand, L. A., Backman, D. E., Beckwith, S. V. W., Bouwman, J., Brooke, T. Y., Carpenter, J. M., Cohen, M., Cortes, S., Crockett, N., Gorti, U., Henning, T., Hines, D. C., Hollenbach, D., Kim, J. S., Lunine, J., Malhotra, R., **Mamajek, E. E.**, Metchev, S., Moro-Martín, A., Morris, P., Najita, J., Padgett, D. L., Pascucci, I., Rodmann, J., Schlingman, W., Silverstone, M. D., Soderblom, D. R., Stauffer, J. R., Stobie, E. B., Strom, S. E., Watson, D. M., Weidenschilling, S. J., Wolf, S., Young, E. 2006, *PASP*, 850, 1690 (74 citations)
- B22. *A Distributed Population of Low-Mass Pre-Main Sequence Stars Near the Taurus Molecular Clouds*
Slesnick, C. L., Carpenter, J. M., Hillenbrand, L. H., **Mamajek, E. E.** 2006, *AJ*, 132, 2665 (39 citations)
- B21. *Evidence for Mass-Dependent Circumstellar Disk Evolution in the 5 Myr-old Upper Scorpius OB Association*
Carpenter, J. M., **Mamajek, E. E.**, Hillenbrand, L. A., Meyer, M. R. 2006, *ApJ*, 651, L49 (160 citations)
- B20. *Formation and Evolution of Planetary Systems: Upper Limits to the Gas Mass in Disks Around Sun-like Stars*
Pascucci, I., Gorti, U., Hollenbach, D., Najita, J., Meyer, M. R., Carpenter, J. M., Hillenbrand, L. A., Herczeg, G. J., Padgett, D. L., **Mamajek, E. E.**, Silverstone, M. D., Schlingman, W. M., Kim, J. S., Stobie, E. B., Bouwman, J., Wolf, S., Rodmann, J., Hines, D. C., Lunine, J., Malhotra, R. 2006, *ApJ*, 651, 1177 (94 citations)
- B19. *Formation and Evolution of Planetary Systems (FEPS): Primordial Warm Dust Evolution From 3-30 Myr around Sun-like Stars*
Silverstone, M. D., Meyer, M. R., **Mamajek, E. E.**, Hines, D. C., Hillenbrand, L. A., Najita, J., Pascucci, I., Bouwman, J., Kim, J. S., Carpenter, J. M., Stauffer, J. R., Backman, D. E., Moro-Martín, A., Henning, T., Wolf, S., Brooke, T. Y., & Padgett, D. L. 2006, *ApJ*, 639, 1138 (79 citations)
- B18. *The Formation and Evolution of Planetary Systems (FEPS): Discovery of an Unusual Debris System Associated with HD 12039*
Hines, D. C., Backman, D. E., Bouwman, J., Hillenbrand, L. A., Carpenter, J. M., Meyer, M. R., Kim, J. S., Silverstone, M. D., Rodmann, J., Wolf, S., **Mamajek, E. E.**, Brooke, T. Y., Padgett, D. L., Henning, T., Moro-Martín, A., Stobie, E., Gordon, K. D., Morrison, J. E., Muzerolle, J., Su, K. Y. L. 2006, *ApJ*, 638, 1070 (46 citations)

- B17. *Formation and Evolution of Planetary Systems: Cold Outer Disks Associated with Sun-like Stars*
Kim, J. S., Hines, D. C., Backman, D. E., Hillenbrand, L. A., Meyer, M. R., Rodmann, J., Moro-Martín, A., Carpenter, J. M., Silverstone, M. D., Bouwman, J., **Mamajek, E.**, Wolf, S., Malhotra, R., Pascucci, I., Najita, J., Padgett, D. L., Henning, T., Brooke, T. Y., Cohen, M., Strom, S. E., Stobie, E. B., Engelbracht, C. W., Gordon, K. D., Misselt, K., Morrison, J. E., Muzerolle, J., & Su, K. Y. L. 2005, ApJ, 632, 659 (55 citations)
- B16. *Formation and Evolution of Planetary Systems: Upper Limits on the Gas Mass in HD 105*
Hollenbach, D., Gorti, U., Meyer, M., Kim, J. S., Morris, P., Najita, J., Pascucci, I., Carpenter, J., Rodmann, J., Brooke, T., Hillenbrand, L., **Mamajek, E.**, Padgett, D., Soderblom, D., Wolf, S., Lunine, J. 2005, ApJ, 631, 1180 (35 citations)
- B15. *Spitzer Observations of G Dwarfs in the Pleiades: Circumstellar Debris Disks at 100 Myr Age*
Stauffer, J. R., Rebull, L., Carpenter, J., Hillenbrand, L., Backman, D., Meyer, M. R., Kim, J. S., Silverstone, M. D., Young, E., Hines, D. C., Soderblom, D. R., **Mamajek, E. E.**, Morris, P., Bouwman, J., Strom, S. E. 2005, AJ, 130, 1834 (45 citations)
- B14. *The Age of AB Doradus*
Luhman, K. L., Stauffer, J. R., **Mamajek, E. E.** 2005, ApJ, 628, L69 (93 citations)
- B13. *A Dynamical Calibration of the Mass-Luminosity Relation at Very Low Stellar Masses and Young Ages*
Close, L. M., Lenzen, R., Guirado, J. C., Nielsen, E. L., **Mamajek, E. E.**, Brandner, W., Hartung, M., Lidman, C., & Biller, B. 2005, Nature, 433, 286 (115 citations)
- B12. *The Formation and Evolution of Planetary Systems: First Results from a Spitzer Legacy Science Program*
Meyer, M. R., Hillenbrand, L. A., Backman, D. E., Beckwith, S. V. W., Bouwman, J., Brooke, T. Y., Carpenter, J. M., Cohen, M., Gorti, U., Henning, T., Hines, D. C., Hollenbach, D., Kim, J. S., Lunine, J., Malhotra, R., **Mamajek, E. E.**, Metchev, S., Moro-Martín, A., Morris, P., Najita, J., Padgett, D. L., Rodmann, J., Silverstone, M. D., Soderblom, D. R., Stauffer, J. R., Stobie, E. B., Strom, S. E., Watson, D. M., Weidenschilling, S. J., Wolf, S., Young, E., Engelbracht, C. W., Gordon, K. D., Misselt, K., Morrison, J., Muzerolle, J., & Su, K. 2004, ApJS, 154, 422 (76 citations)
- B11. *A Resolved Circumstellar Disk Around the Herbig Ae Star HD 100546 in the Thermal Infrared*
Liu, W. M., Hinz, P. M., Meyer, M. R., **Mamajek, E. E.**, Hoffmann, W. F., & Hora, J. L. 2003, ApJ, 598, L111 (39 citations)
- B10. *Spatially Resolved Circumnuclear Dust in Centaurus A*
Karovska, M., Marengo, M., Elvis, M., Fazio, G. G., Hora, J. L., Hinz, P. M., Hoffmann, W. F., Meyer, M., & **Mamajek, E. E.** 2003, ApJ, 598, L91 (8 citations)
- B9. *An Adaptive Optics Survey of M6.0-M7.5 Stars: Discovery of Three Very Low Mass Binary Systems Including Two Probable Hyades Members*
Siegler, N., Close, L. M., **Mamajek, E. E.**, & Freed, M. 2003, ApJ, 598, 1265 (32 citations)

- B8. *Mass and Kinetic Energy of the Homunculus Nebula Around Eta Carinae*
Smith, N., Gehrz, R. D., Hinz, P. M., Hoffmann, W. F., Hora, J. L., **Mamajek, E. E.**, Meyer, M. R. 2003, AJ, 125, 1458 (177 citations)
- B7. *Infrared Study of the η Chamaeleontis Cluster and the Longevity of Circumstellar Discs*
Lyo, A.-R., Lawson, W. A., **Mamajek, E. E.**, Feigelson, E. D., Sung, E.-C., Crause, L. A. 2003, MNRAS, 338, 616 (54 citations)
- B6. *A Disrupted Circumstellar Torus inside η Carinae's Homunculus Nebula*
Smith, N., Gehrz, R. D., Hinz, P. M., Hoffmann, W. F., **Mamajek, E. E.**, Meyer, M. R., & Hora, J. L. 2002, ApJ, 567, L77 (26 citations)
- B5. *ECHA J0843.3-7905: Discovery of an 'Old' Classical T Tauri Star in the η Chamaeleontis Cluster*
Lawson, W. A., Crause, L. A., **Mamajek, E. E.**, & Feigelson, E. D. 2002, MNRAS, 329, L29 (44 citations)
- B4. *Observational Tests and Predictive Stellar Evolution*
Young, P. A., **Mamajek, E. E.**, Arnett, D., & Liebert, J. 2001, ApJ, 556, 230 (42 citations)
- B3. *Gliese 596B: A Young Multiple Brown Dwarf System?*
Kenworthy, M., Hofmann, K. H., Close, L., Hinz, P., **Mamajek, E.**, Schertl, D., Weigelt, G., Angel, R., Balega, Y. Y., Hinz, J., & Rieke, G. 2001, ApJ, 554, L67 (30 citations)
- B2. *The η Chamaeleontis Cluster: Photometric Study of the ROSAT-detected Weak-lined T Tauri Stars*
Lawson, W. A., Crause, L. A., **Mamajek, E. E.**, & Feigelson, E. D. 2001, MNRAS, 321, 57 (62 citations)
- B1. *Radio Emission From ROSAT-discovered Young Stars in and around Taurus-Auriga*
Carkner, L., **Mamajek, E.**, Feigelson, E., Neuhauser, R., Wichmann, R., & Krautter, J. 1997, ApJ, 490, 735 (19 citations)

First-Author Non-Refereed Publications

- C29. *WISE J064336.71-022315.4: A Thick-disk L8 Brown Dwarf Discovered by Gaia DR2 at 13.9 pc*
Mamajek, E. E., Marocco, F., Rees, J. M., Smart, R. L., Cooper, W. J., & Burgasser, A. J. 2018, RNAAS, 2, 205 ([arXiv:1811.03477](https://arxiv.org/abs/1811.03477)) (17 citations)
- C28. *Kinematics of the Interstellar Vagabond 1I/Oumuamua (A/2017 U1)*
Mamajek, E. E., 2017, RNAAS, 1, 21 ([arXiv:1710.11364](https://arxiv.org/abs/1710.11364)) (33 citations)
- C27. *ANTARES Neutrino Detection: Kinematic Evidence that the Swift/XRT X-ray Counterpart is a Likely Upper Sco Member*
Mamajek, E. E., 2015, The Astronomer's Telegram, #8124

- C26. *A Pre-Gaia Census of Nearby Stellar Groups*
Mamajek, E. E., 2015, IAU Symposium 314, eds. J. H. Kastner, B. Stelzer, & S. A. Metchev (2 citations)
- C25. *Proposed Nomenclature for Surface Features on Pluto and Its Satellites and Names for Newly Discovered Satellites*
Mamajek, E. E., Rapson, V. A., Cameron, D. A., Olmedo, M., Fogerty, S., Franklin, E., Lambribes, E., Hasan, I., Sarkis, R. E., Thorndike, S., Nordhaus, J., 2015, [arXiv:1503.07947](https://arxiv.org/abs/1503.07947)
- C24. *Logarithm of Effective Temperature Versus Radius for Zero-Age Main Sequence Stars (0.1-2.0 Msun)*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1396501>
- C23. *Effective Temperature Versus Radius for Zero-Age Main Sequence Stars (0.1-2.0 Msun)*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1396487>
- C22. *Mass Versus Radius for Zero-Age Main Sequence Stars (0.1-2.0 Msun)*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1396480>
- C21. *B-V Color Versus Effective Temperature for Main Sequence Dwarf Stars of Approximately Solar Composition*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1363846>
- C20. *The 55 UMa Wide Quadruple System*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1304278>
- C19. *Converting Tycho V and 2MASS H to Johnson V Magnitude*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1291187>
- C18. *Photometric Transformation of Tycho V and 2MASS J to Johnson V for Main Sequence Stars*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1291186>
- C17. *Reason to Doubt the Hipparcos Distance and the Close Flyby Scenario for the "Rogue Star" HIP 85605*
Mamajek, E. E., 2015, figshare, <http://dx.doi.org/10.6084/m9.figshare.1284334>
- C16. *Canopus B: A Candidate Common Proper Motion Companion to the Second Brightest Star*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.1132696>
- C15. *The Sun Rotates Normally For its Age*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.1051826>
- C14. *Candidate Solar Sibling Star HD 162826 and Sun Have Similar Ages*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.1021639>

- C13. *Candidate Solar Sibling HD 162826: Color-Magnitude Position Compared to Sun and M67*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.1021478>
- C12. *Published Distances to the Pleiades Clusters (1970-2014)*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.1017031>
- C11. *Stromgren (b-y) Color Versus Effective Temperature for AFGK Main Sequence Stars*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.949735>
- C10. *Beta Pic Moving Group: HR Diagram and Pre-Main Sequence Isochrones for A/F-type Members*
Mamajek, E. E., 2014, figshare, <http://dx.doi.org/10.6084/m9.figshare.820155>
- C9. *HD 32297: HR Diagram Position for a Resolved Debris Disk Star*
Mamajek, E. E., 2013, figshare, <http://dx.doi.org/10.6084/m9.figshare.729077>
- C8. *On the Nearby Binary Brown Dwarf WISE J104915.57-531906.1 (Luhman 16)*
Mamajek, E. E., 2013, [arXiv:1303.5345](https://arxiv.org/abs/1303.5345) (8 citations)
- C7. *Initial Conditions of Planet Formation: Lifetimes of Primordial Disks*
Mamajek, E. E., 2009, "Exoplanets and Disks: Their Formation and Diversity", AIPC 1158, 3 (85 citations)
- C6. *How Accurately Can We Age-date Solar-type Dwarfs Using Activity/Rotation Diagnostics?*
Mamajek, E. E., 2009, "The Ages of Stars", IAU Symposium Vol. 258, p. 375, eds. E. E. Mamajek, D. R. Soderblom, & R. F. G. Wyse (7 citations)
- C5. *A Splinter Session on the Thorny Problem of Stellar Ages*
Mamajek, E. E., Barrado y Navascués, D., Randich, S., Jensen, E. L. N., Young, P. A., Miglio, A., & Barnes, S. A. 2007, Cool Stars and Stellar Systems 14, ASP Conf. Ser. Vol. 384, p. 374, ed. G. van Belle (7 citations)
- C4. *New Nearby Young Star Cluster Candidates Within 200 pc*
Mamajek, E. E. 2006, IAU Symp. No. 237, Triggered Star Formation in a Turbulent ISM, eds. J. Palouš & B. G. Elmegreen (3 citations)
- C3. *Proper Motions as an Underutilized Tool for Estimating Distances and Ages for Nearby, Young Stars*
Mamajek, E. E. 2005, Astrometry in the Age of the Next Generation of Large Telescopes, ASP Conf. Series, Vol. 338, eds. P. K. Seidelmann & A. K. B., Monet, p. 280
- C2. *Solar-Type Post-T Tauri Stars in the Nearest OB Subgroups*
Mamajek, E. E. 2003, Open Issues in Local Star Formation and Early Stellar Evolution, eds. J. Lépine & J. Gregorio-Hetem, p. 39. (2 citations)

- C1. *The Dispersal of Young Stars and the Greater Sco-Cen Association*
Mamajek, E. E. & Feigelson, E. D. 2001, *Young Stars Near Earth: Progress and Prospects*, ASP Conf. Ser. Vol. 244, p. 104 (26 citations)

Theses

- D3. *Identification and Characterization of Young, Nearby, Solar-type Stars*
Mamajek, E. E. 2004, Ph.D. Thesis, The University of Arizona
advisor: Michael R. Meyer (2 citations)
- D2. *The η Chamaeleontis Star Cluster: Discovery, Characteristics and Origin*
Mamajek, E. E. 1999, M.Sc. Thesis, University of New South Wales/ADFA
advisor: Warrick A. Lawson
- D1. *A Method for Quantifying the Focal-Ratio Degradation Properties of Optical Fibers*
Mamajek, E. E. 1998, B.Sc. Thesis, Pennsylvania State University
advisor: Lawrence W. Ramsey

First-Author Posters & Published Conference Abstracts for Talks

- E19. *The NASA Exoplanet Exploration Program: Update and Prospects for the 2020's and Beyond*
Mamajek, E. E., Blackwood, G., Short, K., Stapelfeldt, K., Siegler, N., Crill, B., Warfield, K., Callas, J.L., Willems, P., Biferno, A., Hudgins, D., Still, M., Habib, S., & Beichman, C., 2019, *Extreme Solar Systems 4*, 330.22 (BAAS, 51, 6)
- E18. *Discovery of a Transiting Adolescent Sub-Neptune Exoplanet in the Cas-Tau Association With K2*
Mamajek, E. E., David, T., Bieryla, A., Bristow, M., Ciardi, D., Cody, A. M., Crossfield, I., Fulton, B., Jasmine Gonzales, E., Hillenbrand, L., Hirsch, L., Howard, A., Isaacson, H., Latham, D. W., Petigura, E., Rebull, L., Schlieder, J., Stauffer, J., Vanderburg, A., Vasisht, G., 2018, AAS Meeting #231, 439.13
- E17. *A Transiting Extrasolar Ring System: Indirect Evidence for Exosatellite Formation?*
Mamajek, E. E., 2015, IAU General Assembly, Meeting #29, #2258422
- E16. *Rewriting the Star-Formation History of the Nearest OB Association*
Mamajek, E. E., Pecaut, M. J., Nguyen, D. C., Bubar, E. J., 2013, *Protostars and Planets VI*, Heidelberg, July 15-20, 2013. Poster #1K086
- E15. *The Ages of Stars Hosting Substellar Companions*
Mamajek, E., 2010, *Proceedings of the conference In the Spirit of Lyot 2010: Direct Detection of Exoplanets and Circumstellar Disks*. October 25 - 29, 2010. University of Paris Diderot, Paris, France. Edited by Anthony Boccaletti.

- E14. *Planetary Construction Zones in Occultation: Eclipses by Circumsecondary and Circumplanetary Disks and a Candidate Eclipse of a Pre-Main Sequence Star in Sco-Cen*
Mamajek, E. E., Quillen, A. C., Pecaut, M., Moolekamp, F., Scott, E. L., Kenworthy, M. A., Collier Cameron, A., & Parley, N., 2012, BAAS, 219, #404.04
- E13. *Revised Distances, Kinematics, and Classifications of the Nearest Stellar Groups within 100 pc*
Mamajek, E. E., 2010, BAAS, 215, #455.05
- E12. *Improved Age Estimate for Solar-type Dwarfs Using Activity-Rotation Diagnostics*
Mamajek, E. E. & Hillenbrand, L. A., 2008, Cool Stars and Stellar Systems 15, St. Andrews UK
- E11. *An Improbable Solution to the Underluminosity of 2M1207B: A Hot Protoplanet Collision Afterglow*
Mamajek, E. E. & Meyer, M. R., 2008, BAAS, 211, #68.03
- E10. *A New Candidate Post-T Tauri Group at $d \approx 90$ pc Associated with 32 Ori*
Mamajek, E. E., 2006, Cool Stars and Stellar Systems 14, #251, Pasadena, CA
- E9. *A Splinter Session on the Thorny Problem of Stellar Ages*
Mamajek, E. E., 2006, Cool Stars and Stellar Systems 14, Pasadena, CA
- E8. *The Formation and Evolution of Planetary Systems (FEPS): Discovery of an Unusual Debris System Associated with HD 12039*
Mamajek, E. E., Hines, D. C., Backman, D. E., Bouwman, J., Hillenbrand, L. A., Carpenter, J. M., Meyer, M. R., Kim, J. S., Silverstone, M. D., Rodmann, J., Wolf, S., Brooke, T. Y., Padgett, D. L., Henning, T., Moro-Martín, A., Stobie, E., Gordon, K. D., Morrison, J. E., Muzerolle, J., Su, K. Y. L., 2006, BAAS, 207, #63.48
- E7. *The Distance to the Young Exoplanet 2M1207 b in the TW Hya Association*
Mamajek, E. E. 2005, Protostars & Planets V, LPI Contrib. 1286, 8522
- E6. *Assessing Kinematic Group Memberships for Astrophysically Interesting, Nearby, Young, Stellar/Substellar Systems*
Mamajek, E. E. 2005, poster, STSci May Symposium 2005: A Decade of Extrasolar Planets Around Normal Stars, May 2-5, 2005, Baltimore
- E5. *Nearby Post-T Tauri Stars: Young Solar System Analogs*
Mamajek, E. E. 2003, BAAS, 203, #98.02, AAS Meeting Dissertation Talk
- E4. *The Star-Formation History and Accretion Disk Census of Pre-Main Sequence Stars in the LCC and UCL Subgroups of Sco-Cen*
Mamajek, E. E., Meyer, M. R., Liebert, J. W. 2002, BAAS, 200, #71.14
- E3. *The η Cha Cluster and TW Hya Association: A Common Origin in the Sco-Cen OB Association*
Mamajek, E. E., Feigelson, E. D., & Lawson, W. A. 1999, BAAS, 195, #75.08

- E2. *The η Cha Cluster: Stellar Population, Kinematics and Origin*
Mamajek, E. E., Lawson, W. A., & Feigelson, E. D. 1999, BAAS, 194, #53.11
- E1. *Radio Emission from ROSAT Discovered T Tauri Stars in and around Taurus-Auriga*
Mamajek, E., Carkner, L., Feigelson, E., Neuhauser, R., Wichmann, R., & Krautter, J. 1996, BAAS, 189, #49.01

Other Unreferred Publications, Posters, Proceedings

- F41. *The NASA/NSF Extreme Precision Radial Velocity Initiative*
Blackwood, G., Gaudi, B.S., Burt, J., **Mamajek, E.**, Beichman, C., Cegla, H., Fischer, D., Ford, E., Howard, A., Latham, D., Plavchan, P., Quirrenbach, A., & EPRV Working Group, 2017, BAAS 235, #347.01
- F40. *Progress on Starlight Suppression Technologies for NASA Direct Imaging Missions*
Blackwood, G., Siegler, N., Crill, B., Stapelfeldt, K., **Mamajek, E.**, Short, K., & Willems, P., 2019, Extreme Solar Systems 4, 330.18 (BAAS 51, 6)
- F39. *Exploring Other Worlds: Science Questions for Future Direct Imaging Missions (EXOPAG SAG15 Report)*
Apai, D., Cowan, N., Kopparapu, R., Kasper, M., Hu, R., Morley, C., Fujii, Y., Kane, S., Maley, M., del Genio, A., Karalidi, T., Komacek, T., **Mamajek, E.**, Mandell, A., Domagal-Goldman, S., Barman, T., Boss, A., Breckinridge, J., Crossfield, I., Danchi, W., Ford, E., Iro, N., Kasting, J., Lowrance, P., Madhusudhan, N., McElwain, M., Moore, W., Pascucci, I., Plavchan, P., Roberge, A., Schneider, G., Showman, A., & Turnbull, M., 2017, [arXiv:1708.02821](https://arxiv.org/abs/1708.02821))
- F38. *How to Image Exoplanets at Solar System Scales*
Rodigas, T., Weinberger, A. J., **Mamajek, E. E.**, Males, J., Close, L., Morzinski, K. M., Hinz, P., & Kaib, N. A., 2016, BAAS, 227, #106.07
- F37. *Isochronal Age Scale For Young Moving Groups in the Solar Neighbourhood*
Bell, C. P. M., **Mamajek, E.**, & Naylor, T., 2015, IAU Symposium 314, Young Stars & Planets near the Sun, eds. J. H. Kastner, B. Stelzer, & S. A. Metchev
- F36. *Angular Momentum Evolution of Pre-Main Sequence Stars in the Nearest OB Association*
Oberst, T. E., Mellon, S. N., Pecaut, M. J., & **Mamajek, E. E.**, 2015, IAU General Assembly, Meeting #29, #2258446
- F35. *Searching For Planets in "Holey Debris Disks"*
Meshkat, T., Bailey, V. P., Su, K. Y. L., Kenworthy, M. A., **Mamajek, E. E.**, Hinz, P., & Smith, P. S., 2015, BAAS, #423.01

- F34. *A New Star-Forming Region in Scorpius-Centaurus*
Nguyen, D. C., **Mamajek, E.**, Pecaut, M., 2013, Protostars and Planets VI, Heidelberg, July 15-20, 2013. Poster #1G024
- F33. *A WISE Survey of Circumstellar Disks in Taurus*
Esplin, T., Luhman, K., & **Mamajek, E.**, 2013, Protostars and Planets VI, Heidelberg, July 15-20, 2013. Poster #2B045
- F32. *Mini Solar Systems in Formation: Modeling of Circumsecondary Disk Eclipses*
Scott, E., **Mamajek, E. E.**, Moolekamp, F., Quillen, A., Kenworthy, M., & van Werkhoven, T., 2013, Protostars and Planets VI, Heidelberg, July 15-20, 2013. Poster #2K035
- F31. *The AB Dor Moving Group: A Chemically Heterogeneous Kinematic Stream?*
Barenfeld, S. A., Bubar, E. J., **Mamajek, E. E.**, & Young, P. A., 2012, BAAS, 219, #151.30
- F30. *The Star-formation History and Accretion Disk Fraction Among the Low-Mass Members of the Scorpius-Centaurus OB Association*
Pecaut, M. & **Mamajek, E. E.**, 2012, BAAS, 219, #327.05
- F29. *Stellar X-ray Emission And The Decay Of Dynamo Activity*
Wright, N. J., Drake, J. J., & **Mamajek, E. E.**, 2011, AAS HEAD meeting #12, #10.06
- F28. *A Spitzer Study of Dusty Disks in the Scorpius-Centaurus OB Association*
Chen, C., **Mamajek, E. E.**, Bitner, M. A., Pecaut, M., Su, K. Y. L., & Weinberger, A. J., 2011, AAS ESS meeting #2, #38.03
- F27. *Clouds On A Cold Planet: FIRE Spectroscopy Of Ross 458C*
Burgasser, A. J., Simcoe, R. A., Bochanski, J. J., Saumon, D., **Mamjaek, E. E.**, Cushing, M. C., Marley, M. S., McMurtry, C., Pipher, J. L., & Forrest, W. J., 2011, BAAS, 217, #343.14
- F26. *The Gemini NICI Planet-Finding Campaign: Discovery of a Substellar L Dwarf Companion to a Nearby Young M Dwarf*
Wahhaj, Z., Liu, M. C., Biller, B. A., Clarke, F., Nielsen, E. L., Close, L. M., Cushing, M., Dupuy, T., Hayward, T. L., Tecza, M., Thatte, N., Chun, M., Ftaclas, C., Hartung, M., Reid, I., Shkolnik, E. L., Alencar, S. H. P., Artymowicz, P., Boss, A., Burrows, A., **Mamajek, E.**, de Gouveia Dal Pino, E., Gregorio-Hetem, J., Ida, S., Kuchner, M., Lin, D., Toomey, D. W., 2011, BAAS, 217, #253.10
- F25. *Results from the Arizona MMTO survey for giant exoplanets around nearby A stars*
Kenworthy, M. A., **Mamajek, E. E.**, Hinz, P. M., & Meyer, M. R., 2010, Proceedings of the conference In the Spirit of Lyot 2010: Direct Detection of Exoplanets and Circumstellar Disks. October 25 - 29, 2010. University of Paris Diderot, Paris, France. Edited by Anthony Boccaletti.

- F24. *The Paleoproterozoic geodynamo, solar wind and magnetopause*
Tarduno, J. A., Cottrell, R. D., Watkeys, M. K., Hofmann, A., Doubrovine, P. V., **Mamajek, E.**, Liu, D., Sibeck, D. G., Neukirch, L. P., Usui, Y., 2010, EGU General Assembly 2010, held 2-7 May, 2010 in Vienna, Austria, p.15270
- F23. *Improved Ages Estimates for Extrasolar Planet Host Stars*
Slipski, M. & **Mamajek, E. E.**, 2010, BAAS, 215, #423.01
- F22. *A Spitzer Survey for Debris Disks in the Nearby 32 Ori Group*
Shvonski, A. J., **Mamajek, E. E.**, Meyer, M. R., & Kim, J. S., 2010, BAAS, 215, #428.22
- F21. *The Star-formation History and Accretion Disk Fraction Among the F-Type Members of the Scorpius-Centaurus OB Association*
Pecaut, M. & **Mamajek, E. E.**, 2010, BAAS, 215, #455.30
- F20. *Stellar Age Estimation from ~3 Myr to ~3 Gyr*
Hillenbrand, L., **Mamajek, E.**, Stauffer, J., Soderblom, D., Carpenter, J., & Meyer, M. 2009, Proceedings of Cool Stars 15, AIP Conf. Series, 1094, 800
- F19. *Exoplanet Surveys at Five Microns with Direct and APP Imaging at the MMT Observatory*
Kenworthy, M. A., Hinz, P. M., Codona, J. L., Angel, R. P., Heinze, A., Apai, D., **Mamajek, E. E.**, Sivanandam, S., Meyer, M., 2007, Proc. of "In the Spirit of Bernard Lyot: The Direct Detection of Planets and Circumstellar Disks in the 21st Century" ed. P. Kalas.
- F18. *The Moth: An Unusual Circumstellar Debris Structure Associated with HD 61005*
Hines, D. C., Schneider, G., **Mamajek, E. E.**, Metchev, S. A., Hollenbach, D., Hillenbrand, L. A., Meyer, M. R., Backman, D. K., Bouwman, J., Carpenter, J. M., Henning, T., Kim, S. K., Moro-Martín, A., Najita, J., Silverstone, M. D., Rodmann, J., & Wolf, S., 2007, Proc. of "In the Spirit of Bernard Lyot: The Direct Detection of Planets and Circumstellar Disks in the 21st Century", ed. P. Kalas.
- F17. *The Planetary Mass Companion 2MASS1207-3932B: Temperature, Mass, and Evidence for an Edge-On Disk*
Mohanty, S., Jayawardhana, R., Huelamo, N., & **Mamajek, E.**, 2006, BAAS, 208, #26.04
- F16. *Formation and Evolution of Planetary Systems (FEPS): Primordial Warm Dust Evolution From 3-30 Myr Around Sun-like Stars*
Silverstone, M. D., Meyer, M. R., **Mamajek, E. E.**, Hines, D. C., Hillenbrand, L. A., Najita, J., Pascucci, I., Bouwman, J., Kim, J. S., Carpenter, J. M., Stauffer, J. R., Backman, D. E., Moro-Martín, A., Henning, T., Wolf, S., Brooke, T. Y., Padgett, D. L., 2006, BAAS, 207, #63.18

- F15. *Formation and Evolution of Planetary Systems: Upper Limits to the Gas Mass in Disks around Intermediate-Aged Solar-type Stars*
Najita, J., Hollenbach, D., Gorti, U., Meyer, M., Kim, J. S., Morris, P., Pascucci, I., Carpenter, J., Rodmann, J., Brooke, T., Hillenbrand, L., **Mamajek, E.**, Padgett, D., Soderblom, D., Wolf, S., Lunine, J., 2006, *BAAS*, 207, #63.52
- F14. *Four Years of Nulling Interferometry: A Summary of Results Since PPIV*
Liu, W. M., Hinz, P. M., Hoffmann, W. F., Meyer, M. R., **Mamajek, E. E.**, & MMT Adaptive Optics Group, 2005, *Protostars & Planets V*, LPI Contrib. 1286, 8564
- F13. *Formation and Evolution of Planetary Systems (FEPS): Primordial Warm Dust Evolution from 3-30 Myr Around Sun-like Stars*
Silverstone, M. D., Meyer, M. R., **Mamajek, E. E.**, Hines, D. C., Hillenbrand, L. A., Najita, J., Pascucci, I., Bouwman, J., Kim, J. S., Carpenter, J. M., Stauffer, J. R., Backman, D. E., Moro-Martín, A., Henning, T., Wolf, S., Brooke, T. Y., & Padgett, D. L., 2005, *Protostars & Planets V*, LPI Contrib. 1286, 8547
- F12. *The Formation and Evolution of Planetary Systems: First Results From a Spitzer Legacy Science Program*
Moro-Martín, A., Meyer, M. R., Hillenbrand, L. A., Backman, D. E., Beckwith, S. V. W., Bouwman, J., Brooke, T. Y., Carpenter, J. M., Cohen, M., Gorti, U., Henning, T., Hines, D. C., Hollenbach, D., Kim, J. S., Lunine, J., Malhotra, R., **Mamajek, E. E.**, Metchev, S., Morris, P., Najita, J., Padgett, D. L., Rodmann, J., Silverstone, M. D., Soderblom, D. R., Stauffer, J. R., Stobie, E. B., Strom, S. E., Watson, D. M., Weidenschilling, S. J., Wolf, S., & Young, E. 2004, *Proceedings of the Dusty and Molecular Universe: A Prelude to Herschel and ALMA*, ESA SP-577, p. 469.
- F11. *A Resolved Circumstellar Disk around the Herbig Ae Star HD 100546 in the Thermal Infrared*
Liu, W. M., Hinz, P. M., Meyer, M. R., **Mamajek, E. E.**, Hoffmann, W. F., & Hora, J. L., 2003, *BAAS*, 203, #13.04
- F10. *Discovery of Three Very Low Mass Binary Systems: An Adaptive Optics Survey of M6.0-M7.5 Stars*
Siegler, N., Close, L. M., **Mamajek, E. E.**, & Freed, M. 2003, *Brown Dwarfs*, IAU Symposium #211, ASP Conf. Ser. Vol. 211, p. 257
- F9. *The Formation and Evolution of Planetary Systems: SIRTf Legacy Science in the VLT Era*
Meyer, M. R., Backman, D., Beckwith, S. V. W., Brooke, T. Y., Carpenter, J. M., Cohen, M., Gorti, U., Henning, T., Hillenbrand, L. A., Hines, D., Hollenbach, D., Lunine, J., Malhotra, R., **Mamajek, E.**, Morris, P., Najita, J., Padgett, D. L., Soderblom, D., Stauffer, J., Strom, S. E., Watson, D., Weidenschilling, S., Young, E. 2002, *The Origins of Stars and Planets: The VLT View*. p. 463

- F8. *Formation and Evolution of Planetary Systems: A SIRTf Legacy Science Program Progress Report*
Soderblom, D., Meyer, M. R., Backman, D., Beckwith, S. V. W., Brooke, T. Y., Carpenter, J. M., Cohen, M., Gorti, U., Henning, T., Hillenbrand, L. A., Hines, D., Hollenbach, D., Kim, S., Lunine, J., Malhotra, R., **Mamajek, E.**, Moro-Martín, A., Morris, P., Najita, J., Padgett, D. L., Stauffer, J., Strom, S. E., Watson, D., Weidenschilling, S., Wolf, S., Young, E. 2002, BAAS, 201, #21.15
- F7. *Detection of an Extended Dust Disk Around HD 100546 Using Nulling Interferometry*
Hinz, P. M., Meyer, M. R., **Mamajek, E. E.**, Hoffmann, W. F., & Hora, J. L. 2001, BAAS, 199, #60.11
- F6. *The Post T Tauri Binary HD 113766: Discovery of an Inner Debris Disk System?*
Meyer, M. R., Backman, D., **Mamajek, E. E.**, Herrera, V. M., Hinz, P., Carpenter, J. M., Hoffmann, W., & Hora, J. 2001, BAAS, 199, #76.08
- F5. *Peering Through the Homunculus in the Thermal IR: Complex Equatorial Structure Around η Carinae*
Smith, N., Hinz, P. M., Hoffmann, W. F., Gehrz, R. D., Meyer, M. R., **Mamajek, E. E.**, Hora, J. L., Davidson, K., & Morse, J. A. 2001, BAAS, 199, #135.02
- F4. *Observational Tests and Predictive Stellar Evolution*
Young, P., **Mamajek, E.**, Arnett, D., & Liebert, J. 2000, BAAS, 197, #114.01
- F3. *The η Cha Cluster: A New Pre-Main Sequence Open Cluster at $D = 97$ pc*
Feigelson, E. D., **Mamajek, E. E.**, & Lawson, W. A. 1999, BAAS, 194, #35.01
- F2. *Radio Emission from ROSAT Discovered Young Stars in and around Taurus-Auriga*
Carkner, L., **Mamajek, E.**, Feigelson, E., Neuhauser, R., Wichmann, R., & Krautter, J. 1998, The Tenth Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, ASP Conf. Ser. Vol. 154, p. 1001
- F1. *Radio Emission from ROSAT Discovered Young Stars in and around Taurus-Auriga*
Carkner, L., **Mamajek, E.**, Feigelson, E., Neuhauser, R., Wichmann, R., & Krautter, J. 1997, Mem. del. Soc. Ast. Ital., Vol. 68, 1065.

Central Bureau Electronic Telegrams (CBETs)

- G4. [Supernova 2012Z in NGC 1309 = PSN J03220535-1523156](#)
Cenko, S. B., Li, W., Filippenko, A. V., Brimacombe, J., Meyer, S., Emig, K., Kaleida, C., **Mamajek, E. E.**, Cohen, D. P., Silverman, J. M., Ganeshalingam, M., 2012, CBET, 3014, 1
- G3. [Supernova 2006jc in UGC 4904](#)
Modjaz, M., Blondin, S., Kirshner, R., Challis, P., Matheson, T., **Mamajek, E.**, 2006, CBET, 676, 1 (2 citations)

G2. [Supernova 2006jc in UGC 4904 \[slight revision to the text of CBET 676\]](#)
Modjaz, M., Blondin, S., Kirshner, R., Challis, P., Matheson, T., **Mamajek, E.** 2006, CBET, 677, 1
(7 citations)

G1. [Supernova 2006jd in UGC 4179](#)
Blondin, S., Modjaz, M., Kirshner, R., Challis, P., Matheson, T., **Mamajek, E.** 2006, CBET, 679, 1

Minor Planet Electronic Circulars (MPECs)

H2. [Comet P/2015 PD229 \(ISON-Cameron\)](#)
Haver, R., Johnson, J. A., Christenen, E. J., Fuls, D. C., Gibbs, A. R., Grauer, A. D., Hill, R. E., Kowalski, R. A., Larson, S. M., Matheny, R. G., Shelley, F. C., Dupouy, P., de Vanssay, J. B., Zhao, H. B., Li, B., Zhaori, G., Hong, R. Q., Hu, L. F., Mei, B., Lu, H., Primak, N., Schultz, A., Watters, S., Thiel, J., Goggia, T., Blythe, M., Spitz, G., Brungard, R., Paige, J., Festler, P., McVey, T., Valdivia, A., Gall, C., Christensen, E. J., Leonard, G. J., Seaman, R. L., Shelly, F. C., Sherrod, P. C., Reva, I., Elenin, L., Sato, H., **Mamajek, E. E.**, Moolekamp, F., James, D. J., Cameron, D. A., Williams, G. V. 2015, Minor Planet Electronic Circulars, 2016-C02 , [Designation of 2015 PD229 as a comet, JPL Small-Body Database Browser](#))

H1. [2015 PD229](#)
Haver, R., Johnson, J. A., Christensen, E. J., Fuls, D. C., Gibbs, A. R., Grauer, A. D., Hill, R. E., Kowalski, R. A., Larson, S. M., Matheny, R. G., Shelly, F. C., Dupouy, P., de Vanssay, J. B., Zhao, H. B., Li, B., Zhaori, G., Hong, R. Q., Hu, L. F., Mei, B., Lu, H., Reva, I., Elenin, L., **Mamajek, E. E.**, Moolekamp, F., James, D. J., Cameron, D. A., Williams, G. V. 2015, Minor Planet Electronic Circulars, 17 (Newly discovered Centaur, later called Comet P/2015 PD229 ISON-Cameron, discovered in UR DECam images taken with Blanco 4-m telescope at CTIO, [MPEC report on 2015 PD229, JPL Small-Body Database Browser](#))

Service Documents

- I11. [NASA Exoplanet Exploration Program Science Gap List 2020](#)
Stapelfeldt, K. & **Mamajek, E.**, 2020, report, JPL Document #1717112, CL#20-1234
- I10. [The Standard Definitions and Evaluation Team Final Report: A Common Comparison of Exoplanet Yield](#)
Morgan, R., Savransky, D., Stark, C., & Nielsen, E. (primary authors) and 13 contributors inc. E. Mamajek, 2019, report, JPL Document #1735632, CL#19-0790
- I9. [NASA Exoplanet Exploration Program Science Development Plan 2018](#)
Stapelfeldt, K. & **Mamajek, E.**, 2019, report, JPL Document #1735624, CL#19-0790
- I8. [NASA Exoplanet Exploration Program Science Plan Appendix](#)
Stapelfeldt, K. & **Mamajek, E.**, 2018, report, JPL Document #1735632, CL#19-0790

- I7. *Exo-S Probe Study Update*
Mamajek, E., Warfield, K., Morgan, R., Comberiate, A., & Stapelfeldt, K., 2017, report to NASA APD, URS250118, CL#18-0147
- I6. *IAU 2015 Resolution B2 on Recommended Zero Points for the Absolute and Apparent Bolometric Magnitude Scales*
IAU Inter-Division A-G Working Group on Nominal Units for Stellar & Planetary Astronomy (**Mamajek, E. E.**, chair), 2015, XXIXth IAU General Assembly, Honolulu, passed 13 August 2015 (arXiv:1510.06262)
- I5. *IAU 2015 Resolution B3 on Recommended Nominal Conversion Constants for Selected Solar and Planetary Properties*
IAU Inter-Division A-G Working Group on Nominal Units for Stellar & Planetary Astronomy (**Mamajek, E. E.**, chair), 2015, XXIXth IAU General Assembly, Honolulu, passed 13 August 2015 (arXiv:1510.07674)
- I4. *IAU Resolutions For Your Consideration: Adoption of Resolutions B2 and B3 Will Minimize Confusion Among Stellar and Planetary Astronomers*
Mamajek, E. 2015, Kai'aleleiaka (Newspaper of the IAU XXIX General Assembly in Honolulu) 12 August 2015, p. 26-27
- I3. *The Blanco f/8 Secondary Mirror: What Happened and Will It Return to Service?*
Mamajek, E. & Elias, J., 2012, NOAO Newsletter #106 (Sept. 2012)
- I2. *Accurate Geodetic Coordinates for Observatories on Cerro Tololo and Cerro Pachon*
Mamajek, E. E., 2012, unsolicited technical report for CTIO, arXiv:1210.1616
- I1. *Mock Observing with DECam*
Mamajek, E. E., 2012, NOAO Newsletter #105 (Mar. 2012)

Actively Maintained Online Databases

Notes on MK Spectral Standard Stars (Dwarfs, Subgiants, Giants)

<http://www.pas.rochester.edu/~emamajek/spt/>

Compendium of information on spectral standard stars and mean properties of dwarf stars of a given spectral type. I also try to assess which standard stars appear to best be the best representatives of the MK system (or modern offshoots), and which stars should be deprecated as such due to conflicting classifications.