

CURRICULUM VITÆ

Christopher Michael Johns-Krull

Personal Information:

Unmarried Name: Christopher Michael Johns
Citizenship: USA

Current Address:

Rice University
Physics & Astronomy Department
6100 Main St. MS-108
Houston, TX 77005
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Education:

1994 Dec. Ph.D. in Astronomy,
University of California, Berkeley
Thesis: *Spectroscopic Variability of T Tauri Stars*
Advisor: Dr. Gibor Basri

1991 Dec. M.A. in Astronomy,
University of California, Berkeley

1989 May B.A. in Mathematics and B.S. in Physics with Highest Honors
and Special Honors in Physics, University of Texas, Austin

Professional Experience:

2014 July - Present Professor, Rice University

2008 July - 2014 June Associate Professor, Rice University

2001 July - 2008 June Assistant Professor, Rice University

1997 Aug. - 2001 Aug. Assistant Research Physicist, SSL, University of California, Berkeley

2001 Spring Visiting Professor, San Francisco State University

1996 Sep. - 1997 July Postdoctoral Researcher, JILA, University of Colorado

1994 Nov. - 1996 Aug. W.J. McDonald Postdoctoral Fellow, UT Austin

Professional Service:

Continuing Regular referee for journals: *Nature*, *ApJ*, *A&A*, *AJ*, *MNRAS*

2023 - 2024 Spring James Webb Space Telescope Cycle 3 Time Allocation Committee &
Panel Chair

2022 - present Hubble Space Telescope Financial Review Committee

2021 - 2023 Ext. Reviewer for Cycles 29-31 Hubble Space Telescope proposals

2018 Oct. Review panel for Cycle 26 Hubble Space Telescope proposals

2018 Jan. Review panel for 2018 Hubble Postdoctoral Fellowship program

2017 Spring NASA Explorer Review, Exoplanet Panel Chair

2018 Spring - 2018 Fall NASA Keck Time Allocation Committee, Galactic Panel Chair

2017 Spring - 2017 Fall NASA Keck Time Allocation Committee

2015 Fall - present Canadian National Time Allocation Committee

2015 Fall - 2016 Summer SOC of 19th Cool Stars Meeting

2015 Oct. - 2016 Jan. Review panel for 2016 Hubble Postdoctoral Fellowship program

2013 Fall NASA ADAP Panel Review

2012 - 2017 Outside Reviewer for Leibniz Gemeinschaft

2012 Spring - 2014 Spring Pierce & Warner Prize Committee of AAS, 2014 Chair

2010 Fall - present Member of Science Team for GMTNIRS high resolution immersion
grating spectrometer for 26 m Giant Magellan Telescope

Prof. Service Continued:

2010 Fall - 2016	Member of Science Team for IGRINS high resolution imersion grating spectrometer for McDonald Observatory 2.7 m telescope
2010 Fall - present	NOAO Time Allocation Committee, panel chair
2007 - 2015	Outside Reviewer for Shota Rustaveli National Science Foundation of Georgia
2012 April	Review panel for Kepler GO Program Cycle 4
2011 Oct. - 2012 Jan.	Review panel for 2012 Hubble Postdoctoral Fellowship program
2011 Oct. - 2012 Jan.	Science review panel to select 2nd generation instruments for NASA's <i>Stratospheric Observatory for Infrared Astronomy</i>
2011 May	HST Cycle 19 TAC Member and panel chair
2010 Fall - 2012 Spring	Lead Editor for Cool Stars 16 proceedings
2009 Fall - 2010 Fall	Member of SOC for 16th Workshop on Cool Stars, Stellar Systems, and the Sun held in Seattle, WA, August 2010
2008 Fall - 2009 Fall	NASA Keck Time Allocation Committee member
2008 Spring - 2009 Spring	NOAO ALTAIR Committee member
2008 May	HST Cycle 17 Panel Review Committee member
2006 Fall - 2009 Spring	NOAO Time Allocation Committee member
2005 March	Team Leader: RHESSI-NESSI III Topical Workshop: <i>Distribution Functions of Energetic Flare Particles</i>
2005 Apr. - 2007 Apr.	Gemini Observatory Staff Time Allocation Committee
2004 November	NASA FUSE GI Panel Review; Active Stars Panel
2004 March	Team Leader: RHESSI-NESSI II Topical Workshop: <i>Distribution Functions of Energetic Flare Particles</i>
2003 May - 2004 July	Member of SOC for 13th Workshop on Cool Stars, Stellar Systems, and the Sun held in Hamburg, Germany, July 2004
2003 May	Team Leader: RHESSI-NESSI I Topical Workshop: <i>Distribution Functions of Energetic Flare Particles</i>
2002 December	NASA FUSE GI Panel Review; Young and Active Stars Panel
2000 July	NASA ADP/LTSA Panel Review; Stellar Evolution Panel
1999 December	NSF Astronomy Panel Review, Panel C: Stellar Evolution
1999 Oct. - 2001 Oct.	NASA IRTF Time Allocation Committee

Memberships:

American Astronomical Society, American Geophysical Union, and
American Institute of Physics

H-index:

58 with 11,930 citations (NASA ADS)

Honors and Awards:

2023 May	Invited Speaker, IGRINS Science Workshop, Austin, TX
2022 September	Colloquium Speaker, Houston Community College, Houston, TX
2021 July	Invited Speaker, Sagan Summer Workshop, Pasadena, CA
2021 April	Rice University Award for Excellence in University Service and Leadership, Houston, TX
2018 November	Colloquium Speaker: Vanderbilt University, Nashville, TN
2018 May	Colloquium Speaker: Southwest Research Institute, San Antonio, TX
2017 June	Invited Speaker: <i>Stellar Magnetism: Challenges, Connections, and Prospects</i> , Potsdam, Germany
2017 May	Invited Speaker: <i>Modeling the Magnetic Interactions Between Stars and Planets</i> , Houston, TX
2017 May	Colloquium Speaker, University of Western Ontario
2017 February	Invited Speaker: <i>Disks, Dynamos, and Data: Confronting Theory with Observations</i> , Santa Barbara, CA

Honors Continued:

2015 November	Colloquium Speaker, Space Telescope Science Institute
2015 September	Invited Speaker: <i>Building Astronomy in Texas</i> , College Station, TX
2015 March	Invited Speaker: <i>Star and Planet Formation in the Southwest</i> , Biosphere, AZ
2014 January	Colloquium Speaker, University of Houston, Clear Lake
2013 June	Invited Speaker: <i>Physics at the Magnetospheric Boundary</i> , Geneva, Switzerland
2013 May	Colloquium Speaker, Lowell Observatory
2013 April	Colloquium Speaker, Physics & Astronomy Department, Stony Brook University
2013 April	Colloquium Speaker, Physics & Astronomy Department, Rochester Institute of Technology
2012 June	Invited Speaker, <i>UV Astronomy: HST and Beyond</i> , Kauai, Hawaii
2011 February	Invited Speaker, <i>Transport Processes and Accretion in Young Stellar Objects</i> , at Ringberg Castle, Germany
2010 August	Invited Speaker, <i>IGRINS Science Workshop</i> , at Seoul National University, Seoul, Korea
2010 June	Invited Speaker, topical meeting <i>Cosmic Magnetism: From Stellar to Intergalactic Scales</i> , at Kiama, Australia
2010 May	Invited Speaker, topical meeting <i>Magnetic Fields: From Core Collapse to Young Stellar Objects</i> , at Univ. of Western Ontario
2010 April	Distinguished Faculty Associate, Brown College
2010 January	Invited Speaker, University of Central Florida Winter Workshop: "Exoplanets for Planetary Scientists"
2008 November	Invited Speaker, IAU Symposium 259: Cosmic Magnetic Fields: from Planets to Stars and Galaxies
2008 July	Invited Speaker, Protostellar Jets in Context conference
2007 May	Invited Speaker, IAU Symposium 243: Star-Disk Interaction in Young Stars
2006 November	Invited Speaker, 14th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun
2004 July	Invited Review Paper, 13th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun
2003 July	NASA RHESSI Project Recognition for Outstanding Contributions to Data Analysis
2003 May	Invited Speaker, RHESSI Topical Workshop: <i>Distribution Functions of Energetic Flare Particles</i>
2002 November	Invited Speaker, 8th Texas-Mexico Conference on Astrophysics/UNAM
2002 June	Invited Speaker, NASA AMES/ASIAA Taiwan Star Formation Workshop
2002 January	Invited Speaker, Institute of Theoretical Physics Program on <i>Solar Magnetism and Related Astrophysics</i>
1999 May	Invited Speaker, 2nd "Three-Islands" Euroconference on <i>Stellar Clusters and Associations: Convection, Rotation, and Dynamos</i>
1997 October	Invited Speaker, ESO Workshop on <i>Cyclical Variability in Stellar Winds</i>

Public Outreach:

Continuing	Numerous Public Viewing Nights at Campus Observatory
2023 October	Owen Wister Literary Society, Houston, TX

Outreach Continued:

2023 June	Bartlesville Astronomical Society, Bartlesville, OK
2023 May	Ars Lyrica Houston, Houston, TX
2022 November	Life Enrichment of Houston, Houston, TX
2022 May	Houston Astronomical Society, Houston, TX
2021 July 10	Invited Speaker, Quadrivium Exhibit, East End Maker Hub, Houston, TX
2021 June 18	Invited Speaker, Quadrivium Exhibit, East End Maker Hub, Houston, TX
2021 June 5	Invited Speaker, Quadrivium Opening, East End Maker Hub, Houston, TX
2020 Fall	Six Week Class on Astrobiology, Glasscock School of Continuing Studies, Houston, TX
2020 August	Fort Bend Astronomy Club, Houston, TX
2019 Fall	Six Week Class on Galaxy Evolution & Cosmology, Glasscock School of Continuing Studies, Houston, TX
2019 May	The Regis School, Houston, TX
2019 February	Guest Speaker, Rice University Science Cafe, Houston, TX
2018 Fall	Six Week Class on Astrobiology, Glasscock School of Continuing Studies, Houston, TX
2018 July	Fort Bend Astronomy Club, Houston, TX
2018 April	Guest Speaker, Moody Center for the Arts, Houston, TX
2017 Fall	Six Week Class on Galaxy Evolution & Cosmology, Glasscock School of Continuing Studies, Houston, TX
2017 July	Guest Speaker: Brazos Bookstore, Houston, TX
2017 Spring	Four Week Class on Young Planets & the Formation of Solar Systems, Glasscock School of Continuing Studies, Houston, TX
2017 January	Guest Speaker: TH Rogers Middle School, Houston, TX
2016 Fall	Five Week Class on Einstein & 100 Years of Relativity, Glasscock School of Continuing Studies, Houston, TX
2016 May	Guest Speaker: Liberty High School, Houston, TX
2015 October	Guest Speaker: The Menil Collection, Houston, TX
2015 April	Guest Speaker: Life Enrichment of Houston, Houston, TX
2015 March	Guest Speaker: Rice University Science Cafe, Houston, TX
2015 Spring	Six Week Class on Astrobiology, Glasscock School of Continuing Studies, Houston, TX
2014 June	Guest Speaker: Quarknet High School Outreach, Rice University
2014 April	Guest Speaker: Nerd Nite, Notsuoh, Houston, TX
2014 February	Guest Speaker: River Oaks Elementary School, Houston, TX
2013 December	Guest Speaker: Rice University Science Cafe, Houston, TX
2013 January	Guest Speaker: River Oaks Elementary School, Houston, TX
2012 November	Guest Speaker: Rice School of Science & Technology Science Teacher Training Event
2012 November	Keynote Speaker: North Houston Astronomy Club
2012 October	Keynote Speaker: 12th Annual Texas Gulf Coast All-Clubs Astronomy Meeting, Houston, TX
2012 September	Keynote Speaker: Fort Bend Astronomy Club, Houston, TX
2012 May	Guest Speaker: River Oaks Elementary School, Houston, TX
2011 December	Keynote Speaker: Public Visitor Night at McDonald Observatory
2011 October	Keynote Speaker: Public Visitor Night at McDonald Observatory
2010 October	Keynote Speaker: Life Enrichment of Houston
2009 November	Keynote Speaker: Public Visitor Night at McDonald Observatory
2009 October	Guest Speaker: Quarknet High School Outreach, Rice University

Outreach Continued:

2009 September	Guest Speaker: Four Week Lecture Series at Bethany UMC
2009 May	Keynote Speaker: Gulf Coast Mensa's Regional Gathering
2006 March	Keynote Speaker: Houston Community College Teacher Enrichment
2006 January	Keynote Speaker: North Houston Astronomy Club
2005 December	Keynote Speaker: Public Visitor Night at McDonald Observatory
2004 October	Keynote Speaker: Astronomy Day at George Observatory
2004 January	Keynote Speaker: West Texas Seminar Series, McDonald Observatory
2003 June	Keynote Speaker: Texas Astronomical Society, Dallas

Christopher M. Johns–Krull

Publications

Invited Reviews:

- Johns–Krull, C. 2021, “Obituary: Reginald Dufour (1948-2021)” in, *Bulletin of the American Astronomical Society*, Vol. 53, id. 0341.
- Johns–Krull, C.M. 2014, “Astrophysics: Secret ingredient exposed” in, *Nature*, 514, p. 571.
- Johns–Krull, C.M. 2009, “Hot Inner Winds From T Tauri Stars” in, *Protostellar Jets in Context*, T. Ray, K. Tsinganos, & M. Stute (eds.), (Springer: Heidelberg), p. 33.
- Johns–Krull, C.M. 2009, “Astrophysics: Magnetic bond” in, *Nature*, 457, p. 158.
- Johns–Krull, C.M. 2009, “Observations of Magnetic Fields on Late-Type Stars and Brown Dwarfs” in, *5th Solar Polarization Workshop*, ASP Conf. Series, 405, p. 485.
- Johns–Krull, C.M. 2008, “Photospheric Magnetic Field Measurements on Late-Type Stars and Brown Dwarfs” in, *14th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun*, ASP Conf. Series, 384, p. 145.
- Johns–Krull, C.M. 2007, “Measurements of Magnetic Fields on T Tauri Stars” in, *Proceedings of Stars-Disk Interaction in Young Stars*, IAU Symp., 243; p. 31.
- Johns–Krull, C.M. & Valenti, J.A. 2005, “Magnetic Field Measurements for Cool Stars” in F. Favata, G. Hussain, & B. Battrick (eds.), *Proceedings of 13th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun*, ESA SP-560, p. 261.
- Valenti, J.A., and Johns–Krull, C.M. 2004, “Observations of Magnetic Fields on T Tauri Stars” in *Magnetic Fields and Star Formation*, *Ap&SS*, 292, p. 619.
- Johns–Krull, C.M. and Valenti, J.A. 2003, “Magnetic Activity and the Solar-Stellar Connection” in, *The Future of Small Telescopes in the New Millenium III. Science in the Shadows of Giants*, T.D. Oswalt (ed.), (Dordrecht: Kluwer), p. 225.
- Valenti, J.A. and Johns–Krull, C.M. 2001 “Magnetic Field Measurements for Cool Stars” in G. Mathys, S.K. Solanki, and D.T. Wickramasinghe (eds.), *Magnetic Fields Across the Hertzsprung-Russell Diagram*, ASP Conf. Ser., Vol. 248, p. 179.
- Johns–Krull, C. M. & Valenti, J. A. 2000, “Measurements of Stellar Magnetic Fields” in R. Pallavicini, G. Micela, & S. Sciortino (eds.), *Stellar Clusters and Associations: Convection, Rotation, and Dynamos*, ASP Conf. Ser., Vol. 198, p. 371.

Refereed Journals:

- Kutra, T., Prato, L., Tofflemire, B.M., Akeson, R., Schaeffer, G.H., Tang, S.-Y., Segura–Cox, D., Johns–Krull, C.M., Kraus, A., Andrews, S., & Jensen, E.L.N. 2025 “Sites

- of Planet Formation in Binary Systems. II. Double the Disks in DF Tau” in, *Astrophys. J.*, 169, p. 20.
- Tang, S.-Y., Johns–Krull, C.M., Prato, L., & Stahl, A.G. 2024 “Measuring the Spot variability of T Tauri Stars Using Near-IR Atomic Fe and Molecular OH Lines” in, *Astrophys. J.*, 973, p. 124.
- Tofflemire, B.M., Prato, L., Kraus, A.L., Segura-Cox, D., Schaefer, G. H., Akeson, R., Andrews, S., Jensen, E. L. N., Johns–Krull, C. M., Zanazzi, J. J., & Simon, M. 2024 “Sites of Planet Formation in Binary Systems. I. Evidence for Disk-Orbit Alignment in the Close Binary FO Tau” in, *Astronom. J.*, 167, p. 232.
- Mueller, M.A., Johns–Krull, C.M., Stassun, K., & Dixon, D.M. 2024 “Tests of Disk-locking in T Tauri Stars of the Orion Nebula Cluster” in, *Astrophys. J.*, 964, p. 21.
- Herczeg, G.J., Chen, Y., Donati, J.-F., & Johns–Krull, C.M. (7 out of 42) 2023 “Twenty-five Years of Accretion onto the Classical T Tauri Star TW Hya” in, *Astrophys. J.*, 956, p. 102.
- Tang, S.-Y., Stahl, A.G., Prato, L., Schaefer, G.H., Johns–Krull, C.M., Skiff, B., Beichman, C.A., and Uyama, T. 2023 “Star-crossed Lovers DI Tau A and B: Orbit Characterization and Physical Properties Determination” in, *Astrophys. J.*, 950, p. 92.
- López-Valdivia, R., Mace, G.N., Han, E., Sawczynec, E., Hernández, J., Prato, L., Johns–Krull, C.M., Oh, H., Lee, J-J, Kraus, A., Llama, J., & Jaffe, D.T. 2023 “The IGRINS YSO Survey III: Stellar parameters of pre-main sequence stars in Ophiuchus and Upper Scorpius” in, *Astrophys. J.*, 943; p. 49.
- Stahl, Asa G. & Johns–Krull, Christopher M. 2022 “Follow-up of Young Stars Stars Identified with BANYAN Σ : New Low Mass Members of Nearby Moving Groups” in, *Astrophys. J.*, 941, p. 101.
- Flagg, Laura, Johns–Krull, Christopher M., France, Kevin, Herczeg, Gregory, Najita, Joan, Youngblood, Allison, Carvalho, Adolfo, Carpenter, John, Kenyon, Scott, J., Newton, Elisabeth, & Keighley, Rockcliffe 2022 “The Mysterious Affair of H₂ in AU Mic” in, *Astrophys. J.*, 934, p. 8.
- Mann, A.W., Wood, M.L., Schmidt, S.P. et al. (including C.M. Johns–Krull as author 15 out of 51) 2022 “TESS Hunt for Young and Maturing Exoplanets (THYME) VI: an 11 Myr giant planet transiting a very low-mass star in Lower Centaurus Crux” in, *Astronom. J.*, 163, 156.
- Espaillet, C.C., Herczeg, G.J., Thanathibodee, T. et al. (including C.M. Johns–Krull as author 14 out of 62) 2022 “The ODYSSEUS Survey. Motivation and First Results: Accretion, Ejection, and Disk Irradiation of CVSO 109” in, *Astronom. J.*, 163, 114.
- Ling, J., Isella, A., Johns–Krull, C.M., & Lazio, J. 2022 “Searching for Stellar and Planetary Emission in Large Field-of-view Radio Sky Surveys” in, *Astrophys. J.*,

926, 228.

- Xu, Z., Herczeg, G.J., Johns–Krull, C.M., & France, K. 2021 “Probing Protoplanetary Disk Winds with C II Absorption” in, *Astrophys. J.*, 921, 181.
- Flagg, L., Johns–Krull, C.M., France, K., Herczeg, G., Najita, J., Carpenter, J., & Kenyon, S. 2021 “Detection of H₂ in the TWA 7 System: A Probable Circumstellar Origin” in, *Astrophys. J.*, 921, 86.
- López–Valdivia, R., Sokal, K., Mace, G., Kidder, B.T., Hussaini, M., Nofi, L., Prato, L., Johns–Krull, C.M., Oh, H., Lee, J.-J., Park, C., Oh, J.S., Kraus, A., Kaplan, K.F., Llama, J., Mann, A.W., Kim, H., Gully–Santiago, M.A., Lee, H.-I., Pak, S., Hwang, N., & Jaffe, D. 2021 “The IGRINS YSO Survey: Stellar parameters of pre-main sequence stars in Taurus-Auriga” in, *Astrophys. J.*, 921, 53.
- Farrish, A., Alexander, D., Johns–Krull, C.M., & Li, M. 2021 “Modeling Stellar Activity – Rotation Relations in Unsaturated Cool Stars” in, *Astrophys. J.*, 916, 99.
- Tang, S.-Y., Stahl, A.G., Johns–Krull, C.M., Prato, L., & Llama, J. 2021 “IGRINS RV: A Python Package for Precision Radial Velocities with Near-Infrared Spectra” in, *J. of Open Source Software*, 6, 3095.
- Stahl, A.G., Tang, S.-Y., Johns–Krull, C.M., Prato, L., Llama, J., Mace, G.N., Lee, J.J., Oh, H., Luna, J., & Jaffe, D.T. 2021 “IGRINS RV: A Precision RV Pipeline for IGRINS Using Modified Forward-Modeling in the Near-Infrared” in, *Astronom. J.*, 161, 283.
- Cauley, P.W., France, K., Herczeg, G., & Johns–Krull, C.M. 2021 “Hubble Space Telescope observations of the CO/H₂ ratio in the Herbig Ae disks HK Ori and T Ori” in, *Astronom. J.*, 161, p. 217.
- Nofi, L., Johns–Krull, C.M., López–Valdivia, R., Biddle, L., Carvalho, A.S., Huber, D., Llama, J., Jaffe, D., Mace, G., Prato, L., Skiff, B., Sokal, K., Sullivan, K., & Tayar, J. 2021 “Projected Rotational Velocities and Fundamental Properties of Low-Mass Pre-Main Sequence Stars in the Taurus-Auriga Star Forming Region” in, *Astrophys. J.*, 911, 138.
- Carvalho, A., Johns–Krull, C.M., Prato, L., & Anderson, J. 2021 “Radial Velocity Monitoring of the Young Star Hubble 4: Orbital Motion and a Determination of Star Spot Lifetime” in, *Astrophys. J.*, 910, p. 33.
- Hwang, S., Im, M., Taak, Y.C., Paek, I., Choi, C., Shin, S., Lee, S.-Y., Ji, T.-G., Pak, S., Lee, H.-I., Ahn, H., Han, J., Kim, C., Marshall, J., Johns–Krull, C.M., Gibson, C.A., Schmidt, L., & Prochaska, T. 2021 “Medium-band Observation of the Neutrino Emitting Blazar, TXS 0506+056” in, *Astrophys. J.*, 908, p. 113.
- Biddle, L.I., Llama, J., Cameron, A., Prato, L., Jardine, M., & Johns–Krull, C.M. 2021 “Amplitude Modulation of Short-Timescale Hot Spot Variability” in, *Astrophys. J.*, 906, p. 113.
- Sokal, K.R., Johns–Krull, C.M., Mace, G.N., Nofi, L., Prato, L., Lee, J.-J., & Jaffe,

- D.T. 2020 “The Mean Magnetic Field Strength of CI Tau” in, *Astrophys. J.*, 888, p. 116.
- Tofflemire, B.M., Mathieu, R.D., & Johns–Krull, C.M. 2019 “Accretion Kinematics in the T Tauri Binary TWA 3A: Evidence for Preferential Accretion on the TWA 3A Primary” in, *Astronom. J.*, 158, p. 245.
- López-Valdivia, R., Mace, G.N., Sokal, K.R., Hussaini, M., Kidder, B.T., Mann, A.W., Gosnell, N.M., Oh, H., Kesseli, A.Y., Muirhead, P.S., Johns–Krull, C.M., & Jaffe, D.T. 2019 “Effective Temperatures of Low-mass Stars from High-resolution H-band Spectroscopy” in, *Astrophys. J.*, 879, p. 105.
- Flagg, L., Johns–Krull, C.M., Nofi, L., Llama, J., Prato, L., Sullivan, K., Jaffe, D.T., & Mace, G. 2019 “CO Detected in CI Tau b: Hot Start Implied by Planet Mass and M_K ” in, *Astrophys. J. Lett.*, 878, p. L37.
- Im, M., Choi, C., Hwang, S. et al. (C.M. Johns-Krull 1 of 46 additional authors) 2019 “Intensive Monitoring Survey of Nearby Galaxies (IMSNG)” in, *J. of Korean Ast. Soc.*, 52, p. 11.
- Kowalski, Adam F., Wisniewski, John P., Hawley, Suzanne L., Osten, Rachel A., Brown, Alexander, Farina, Cecilia, Valenti, Jeff A., Brown, Stephen, Xilouris, Manolis, Schmidt, Sarah J., & Johns-Krull, Christopher 2018 “The Near-Ultraviolet Continuum Radiation in the Impulsive Phase of HF/GF-Type dMe Flares I: Data” in, *Astrophys. J. Supp.*, 871, p. 167.
- Villebrun, F., Alecian, E., Hussain, G., Bouvier, J., Folsom, C., Lebreton, Y., Amard, L., Charbonnel, C., Gallet, F., Haemmerle, L., Böhm, T., Johns–Krull, C., Kochuhov, O., Marsden, S., Morin, J., & Petit, P. 2018 “The magnetic fields of intermediate-mass T Tauri stars: I. Magnetic detections and fundamental stellar parameters” in, *Astron. & Astrophys.*, 622, A72.
- Clarke, C., Tazzari, M., Juhasz, A., Rosotti, G., Booth, R., Facchini, S., Ilee, J., Johns–Krull, C.M., Kama, M., Meru, F., & Prato, L. 2018 “High Resolution Millimetre Imaging of the CI Tau Protoplanetary Disc - A Massive Ensemble of Protoplanets from 0.1 - 100 AU” in, *Astrophys. J.*, 866, L6.
- Biddle, L.I., Johns–Krull, C.M., Llama, J., Prato, L., & Skiff, B.A. 2018 “K2 Reveals Pulsed Accretion Driven by the 2 Myr Old Hot Jupiter CI Tau b” in, *Astrophys. J. Lett.*, 853, L34.
- Lavail, A., Kockukhov, O., Hussain, G.A.J., Alecian, E., Herczeg, G.J., & Johns–Krull, C. 2017 “Magnetic Fields of Intermediate Mass T Tauri Stars” in, *Astron. & Astrophys.*, 608, p. 77.
- Tofflemire, B.M., Mathieu, R.D., Ardila, D.R., Akeson, R.L., Ciardi, D.R., Johns–Krull, C., Herczeg, G.J., Quijano–Vodínza, A. 2017 “Accretion and Magnetic Reconnection in the Classical T Tauri Binary DQ Tau” in, *Astrophys. J.*, 835, 8.
- Johns–Krull, C.M., Prato, L., McLane, J., Ciardi, D.R., van Eyken, J.C., Chen, W., Stauffer, J.R., Beichman, C.A., Frazier, S.A., Boden, A.F., Morales–Calderón, M.,

- & Rebull, L. 2016 “H α Variability in PTF08-8695 and the Possible Direct Detection of Emission from a 2 Million Year Old Evaporating Hot Jupiter” in, *Astrophys. J.*, 830, p. 15.
- Johns–Krull, C.M., McLane, J.N., Prato, L., Crockett, C.J., Jaffe, D.T., Hartigan, P.M., Beichman, C.A., Mahmud, N.I., Chen, W., Skiff, B.A., Cauley, P.W., Jones, J.A., & Mace, G.N. 2016 “A Candidate Young Massive Planet in Orbit around the Classical T Tauri Star CI Tau” in, *Astrophys. J.*, 826, 206.
- Cauley, P.W. & Johns–Krull, C.M. 2016 “Investigating the Origin of Hot Gas Lines in Herbig Ae/Be Stars” in, *Astrophys. J.*, 825, p. 147.
- Arulanantham, N.A., Herbst, W., Cody, A.M., Stauffer, J.R., Rebull, L.M., Agol, E., Windemuth, D., Marengo, M., Winn, J.N., Hamilton, C.M., Mundt, R., Johns–Krull, C.M., & Gutermuth, R.A. 2016 “Seeing Through the Ring: Near-Infrared Photometry of V582 Mon (KH 15D)” in, *Astronom. J.*, 151, p. 90.
- Ardila, D.R., Johns–Krull, C.M., Herczeg, G.J., Mathieu, R., & Quijano–Vodniza, A. 2015 “Magnetospheric Accretion in Close Pre-Main-Sequence Binaries”, *Astrophys. J.*, 811, 131.
- Cauley, P.W. & Johns–Krull, C.M. 2015 “Optical Mass Flow Diagnostics in Herbig Ae/Be Stars” in, *Astrophys. J.*, 810, 5.
- Ciardi, D.R., van Eyken, J.C., Barnes, J.W., Beichman, C.A., Carey, S.J., Crockett, C.J., Eastman, J., Johns–Krull, C.M., Howell, S.B., Kane, S.R., McLane, J., Plavchan, P., Prato, L., Stauffer, J., van Belle, G.T., & von Braun, K. 2015 “Confirmation of the Orbital Precession and the Planetary Status of PTF0 8-8695b: A Jupiter-Mass Planet Orbiting a 3 Myr Old T-Tauri Star” in, *Astrophys. J.*, 809, 42.
- Kochukhov, O., Rusomarov, N., Valenti, J.A., Stempels, H.C., Snik, F., Rodenhuis, M., Piskunov, N., Makaganiuk, V., Keller, C.U., & Johns–Krull, C.M. 2014 “Magnetic field topology and chemical spot distributions in the extreme Ap star HD 75049” in, *Astron. & Astrophys.*, 574, 79.
- Cauley, P.W. & Johns–Krull, C.M. 2014 “Diagnosing Mass Flows Around Herbig Ae/Be Stars Using the He I 10830 Line” in, *Astrophys. J.*, 797, 112.
- McArthur, B.E., Benedict, G.F., Henry, G.W., Hatzes, A., Cochran, W.D., Harrison, T.E., Johns–Krull, C., & Nelán, E. 2014 “Astrometry, Radial Velocity and Photometry: The HD 128311 System Remixed with Data from HST, HET, and T12 APT” in, *Astrophys. J.*, 795, p. 41.
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