Fabo Feng (冯发波)

Objective

I am an exoplanet hunter searching for the most extreme worlds, including nearest planets, most habitable planets, smallest planets, coldest planets, exomoons, insterstellar objects, Oort cloud, extraterrestrial intelligence.

Work Experience

Period	**October 2020 — Present**	
Employer	**Tsung-Dao Lee Institute, Shanghai Jiao Tong University**	Shanghai, China
Job Title	**Associate Professor**	

Period	**November 2018 — September 2020**	
Employer	**DTM, Carnegie Institution of Science**	Washington D.C., USA
Job Title	**Postdoc**	

Period	**October 2015 — October 2018**	
Employer	**CAR, University of Hertfordshire**	Hatfield, UK
Job Title	**Postdoc**	

Period	**January 2015 — June 2015**	
Employer	**Max Planck Institute for Astronomy & Heidelberg University**	Heidelberg, Germany
Job Title	**Postdoc**	

Education

Period	**September 2011 — January 2015**	
Degree	**Ph.D. in Astronomy**	
University	**Max Planck Institute for Astronomy & Heidelberg University**	Heidelberg, Germany
Thesis	**Assessing the Influence of Astronomical Phenomena on the Earth**	
Supervisor	**Coryn Bailer-Jones**	

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Period	**September 2008 — June 2011**	
Degree	**M.S. in Astrophysics**	
University	**Nanjing University**	Nanjing, China
Thesis	**Radio Jets and Galaxies as Cosmic String Probes**	
Supervisor	**Prof. Yongfeng Huang and Prof. Tan Lu**	

Period	**September 2004 — June 2008**	
Degree	**B.S. in Physics**	
University	**Wuhan University**	Wuhan, China
Thesis	**Solutions of Higher Dimensional Cosmological Model with a Cosmological Constant**	
Supervisor	**Prof. Jueping Liu**	

Grant & Program & Award

- PI, National Key Research and Development Program of China (重点研发), 2024-2029
- PI, NSFC, General Program (面上项目), 2025-2028
- PI, China-Chile Joint Research Fund (CCJRF2205)，2024-2026
- National Science Fund for Excellent Young Scholars (海外优青)，2021
- PI, Find the nearest neighbor of the Earth, 1 night, Las Campanas Observatory, 2020B
- PI, Find the nearest neighbor of the Earth, 2 nights, Las Campanas Observatory, 2020A
- PI, Find the nearest neighbor of the Earth, 2 nights, Las Campanas Observatory, 2019B
- CoI, A Southern Hemisphere RV Follow-up Program for TESS, 18-XRP18_2-0048, 430k USD, 2019-2021, rank: 5/16
- Research success of the year, finalist of the Vice-Chancellor's Award, University of Hertfordshire, 2017, rank: 2/3

Tutoring

- Supervise Yicheng Rui for his undergraduate thesis, Shanghai University, 2021-present
- Supervise Yifan Xuan for his Ph.D. program, Tsung-Dao Lee Institute, Shanghai Jiao Tong University, 2021-present
- Co-supervise Maksym Lisogorskyi for his Ph.D. program, University of Hertfordshire, 2017-2019
- Supervise Tanvir Tabassum for his Master program, University of Hertfordshire, 2016-2018

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Service

Journal Referee	MNRAS, ApJ, AJ, PSJ, Nat. Comm., RAA
Grant & Proposal Referee	TAP, NSF, MBR space settlement challenge
Membership	NASA ExoPAG, TESS TFOP
Chairmanship	Interdisciplinary meeting, TDLI, 2021
	First Earth 2.0 workshop (ETWI), TDLI, 2020

Teaching

- From Earth to extraterrestrial civilization (从地球到系外文明), graduate course of SJTU every spring semester
- Discussion about frontiers of astrophysics (天体物理前沿讨论), graduate course of SJTU every spring semester
- Classical Mechanics (经典力学或分析力学), undergraduate course of SJTU every autumn semester

Outreach

- "From Earth to interstellar civilization", Boke City (波克城市), November 2021
- Guide primary students for touring SJTU Guangqi observatory (光启天文台), Novermber 2021
- "Oort Cloud", LDAS, Letchworth, UK, invited public talk, 2016

Skills

Natural Languages	Chinese, English
Computer Languages	R, Python, Shell
Databases	MySQL, ADQL, Simbad, TAP
Tools	Emacs, Overleaf, Github, Shinny, Agatha, PEXO, ggplot

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References

Dr. Paul Butler Carnegie Institution of Washington
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USA
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Email: pbutler@carnegiescience.edu

Prof. Hugh Jones Physics, Astronomy and Mathematics
University of Hertfordshire□
College Lane
Hatfield AL10 9AB, UK
Phone: 07956 945276
Email: h.r.a.jones@herts.ac.uk

Dr. Coryn Bailer-Jones Galaxies and Cosmology department
Max Planck Institute for Astronomy Königstuhl 17
D69117 Heidelberg
Germany
Phone: +49 6221 528-224 Email: calj@mpia.de

Talks

- Hybrid Population Synthesis Based on Astrometric Detection of Substellar Companions, AOGS2024, Korea, 2024-6 (invited)
- Observations of solar system analogs , ISSI-BJ, Beijing, 2024-6 (invited)
- Jiao-Tong University Spectroscopic Telescope (JUST)，ACAMAR 10，Guangzhou，2024-5 (invited)
- PEXO: a Global Modeling Framework for ns Timing, μas Astrometry and μm/s RV，The 32nd Texas Symposium on Relativistic Astrophysics，Shanghai，2023-12
- A population of mutually inclined multi-planet systems，Exoplanets & Planet Formation Workshop，Yanqing, Beijing，2023-12 (invited)
- Develop astrometry periodogram for hunting dark companions，2023 年林桥奖评选，南京，2023-08 (invited)
- Top-down or bottom-up planet formation，中国天文年会，威海，2023-08
- 基于 Gaia 协同探测技术的系外行星普查研究，地球系统科学大会，上海，2023-07
- Gaia 带来极致天体探测的革命，seminar，三峡大学天文与空间科学研究中心，2023-06
- 从系外行星到黑洞—结合多种方法搜寻极致天体，天空论坛，南京大学，2023-06

- Exoplanet demographics in Gaia era , 2023 International Conference of Deep Space Sciences , Hefei , 2023-04 (invited)
- Rare object hunting through the ET+LAMOST +Gaia synergy，LAMOST-ET 协同研究讨论会，北京，2023-04
- Detect Solar System analogs through multiple methods，三亚第五届青年行星论坛，三亚 2023-03
- 开启综合性探测和刻画系外行星的新时代，北京师范大学天文系，Dec. 27, 2022
- 从恐龙灭绝到第二个太阳系：浅谈交叉复合型人才在原始创新中的重要作用，浦东国际人才港论坛，Dec. 7，2022
- 寻找第二个太阳系，复旦大学天文学会，Nov. 28，2022
- Towards the discovery of solar system analogs, 中国科学院国家天文台 GTC 课堂，Nov. 23, 2022
- Explore the boundary between planet and star formation with a 3D selection of 167 substellar companions, University of Warwick seminar， Nov. 16, 2022
- 寻找人类第二个家园，第二届“闻道”中学物理教师科学前沿专题培训，李政道研究所，Aug. 2022
- Astrometric detection of exoplanets, The Lin-Bridge Exoplanet Symposium，Nanjing University, July 30, 2022
- A comprehensive survey of sub-stellar companions based on combined RV and astrometry method, Tsinghua University, colloquium talk, April 2022
- A comprehensive survey of sub-stellar companions based on combined RV and astrometry method, Tsinghua University, colloquium talk, April 2022
- 寻找褐矮星沙漠的边界, 紫台沙龙, 紫金山天文台, colloquium talk, November 2021
- Brown dwarf desert or valley: a comprehensive survey of brown dwarfs based on combined RV and astrometry method, Department of Astronomy, SJTU, colloquium talk, September 2021
- 用天体测量和视向速度大规模搜索褐矮星, 中国天文学会, 西华师范大学, contributed talk, December 2021
- ET as an exomoon and black hole hunter, 地球 2.0 凌星巡天空间卫星科学研讨会，上海天文台（SHAO），invited talk, 2020
- Detect and characterize exoplanets using Gaia and Hipparcos data , Chesapeake Bay Area Exoplanet Meeting, Carnegie Institution of Washington， contributed talk, 2020
- Avoid bias in barycentric correction for the detection of Earth twins, Chesapeake Bay Area Exoplanet Meeting, contributed talk, 2020

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- PEXO, a package for precise exoplanetology, Chesapeake Bay Area Exoplanet Meeting, Johns Hopkins University Applied Physics Laboratory, contributed talk, 2019
- Toward the discovery of Earth analogs, TDLI, SJTU, Shanghai, invited seminar talk, 2017
- Interstellar climate in the network of stars, SHAO, Shanghai, China, invited talk in group meeting, 2017
- Agatha: disentangling periodic signals from correlated noise, EPRVIII workshop, Penn State Univeristy, US, invited planetary talk, 2017
- Comet impacts, glaciations and mass extinction NAOC, Beijing, invited seminar talk, 2015
- Presentation in the GREAT ITN Final Conference — "The Milky Way Unravelled by Gaia" in Barcelona (01.12.2014-05.12.2014): Assessing the influence of astronomical phenomena on the Earth
- Dissertation talk in 223rd ASS in Washington D.C. (05.01.2014-09.01.2014):Dynamical models for the impact rate and angular distribution of long period comets
- Presentation in EWASS 2013 in Turku (08.07.2013-12.07.2013):The history of comet impacts modulated by the solar motion
- Presentation in EPSC 2012 in Madrid (23.09.2012-28.09.2012):Assessing the influence of astronomical phenomena on the Earth's biosphere
- Presentation in the GREAT ITN WP3 Kick-off meeting held in Heidelberg (14.02.2012-15.02.2012): Assessing of the influence of astronomical phenomena on the Earth's biosphere

Publications

First or corresponding author (24)

2024

Song Wang, Xinlin Zhao, Fabo Feng, Hongwei Ge, Yong Shao, Yingzhen Cui, Shijie Gao, Lifu Zhang, Pei Wang, Xue Li, Zhongrui Bai, Hailong Yuan, Yang Huang, Haibo Yuan, Zhixiang Zhang, Tuan Yi, Maosheng Xiang, Zhenwei Li, Tanda Li, Junbo Zhang, Meng Zhang, Henggeng Han, Dongwei Fan, Xiangdong Li, Xuefei Chen, Zhengwei Liu, Xiangcun Meng, Qingzhong Liu, Haotong Zhang, Wei-Min Gu, and Jifeng Liu. A potential mass-gap black hole in a wide binary with a circular orbit. *Nature Astronomy*, 8:1583–1591, December 2024

F. B. Feng, Y. C. Rui, Z. M. Du, Q. Lin, C. C. Zhang, D. Zhou, K. M. Cui, M. Ogihara, M. Yang, J. Lin, Y. Z. Cai, T. Z. Yang, X. Y. Pang, M. J. Jian, W. X. Li, H. X. Guo, X. Shi, J. C. Shi, J. Y. Li, K. R. Guo, S. Yao, A. M. Chen, P. Jia, X. Y. Tan, S. J. Jenkins, H. X. Jiang, M. Y. Zhang, K. X. Li, G. Y. Xiao, S. Y. Zheng, Y. F. Xuan, J. Zheng, M. He, R. A. H. Jones, and C. Y. Song. Tianyu-Search for the Second Solar System and Explore the Dynamic Univers. *Acta Astronomica Sinica*, 65(4):34, July 2024

Fabo Feng, Yicheng Rui, Yifan Xuan, and Hugh Jones. Modeling and Calibration of Gaia, Hipparcos, and Tycho-2 Astrometric Data for the Detection of Dark Companions. ApJS, 271(2):50, April 2024

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Yicheng Rui and Fabo Feng. Mitigating astrometric bias in barycentric correction with PEXO. MNRAS, 527(4):11288–11303, February 2024

2023

Fabo Feng, R. Paul Butler, Steven S. Vogt, Bradford Holden, and Yicheng Rui. Revised orbits of the two nearest Jupiters. MNRAS, 525(1):607–619, October 2023

2022

Fabo Feng, R. Paul Butler, Steven S. Vogt, Matthew S. Clement, C. G. Tinney, Kaiming Cui, Masataka Aizawa, Hugh R. A. Jones, J. Bailey, Jennifer Burt, B. D. Carter, Jeffrey D. Crane, Francesco Flammini Dotti, Bradford Holden, Bo Ma, Masahiro Ogihara, Rebecca Oppenheimer, S. J. O'Toole, Stephen A. Shectman, Robert A. Wittenmyer, Sharon X. Wang, D. J. Wright, and Yifan Xuan. 3D Selection of 167 Substellar Companions to Nearby Stars. ApJS, 262(1):21, September 2022

2021

Fabo Feng, R. Paul Butler, Hugh R. A. Jones, Mark W. Phillips, Steven S. Vogt, Rebecca Oppenheimer, Bradford Holden, Jennifer Burt, and Alan P. Boss. Optimized modelling of Gaia-Hipparcos astrometry for the detection of the smallest cold Jupiter and confirmation of seven low-mass companions. MNRAS, 507(2):2856–2868, October 2021(media coverage: TDLI)

2020

Fabo Feng, Stephen A. Shectman, Matthew S. Clement, Steven S. Vogt, Mikko Tuomi, Johanna K. Teske, Jennifer Burt, Jeffrey D. Crane, Bradford Holden, Sharon Xuesong Wang, Ian B. Thompson, Matías R. Díaz, and R. Paul Butler. Search for Nearby Earth Analogs .III. Detection of 10 New Planets, 3 Planet Candidates, and Confirmation of 3 Planets around 11 Nearby M Dwarfs. ApJS, 250(2):29, October 2020

Fabo Feng, R. Paul Butler, Stephen A. Shectman, Jeffrey D. Crane, Steve Vogt, John Chambers, Hugh R. A. Jones, Sharon Xuesong Wang, Johanna K. Teske, Jenn Burt, Matías R. Díaz, and Ian B. Thompson. Search for Nearby Earth Analogs. II. Detection of Five New Planets, Eight Planet Candidates, and Confirmation of Three Planets around Nine Nearby M Dwarfs. ApJS, 246(1):11, January 2020(media coverage: CNN,ScienceDaily,FOX,Space, Sky News, DailyMail, Centauri Dreams blog, etc.; I was invited to write a public article for the Nature Research Astronomy Community.)

2019

Fabo Feng, Guillem Anglada-Escudé, Mikko Tuomi, Hugh R. A. Jones, Julio Chanamé, Paul R. Butler, and Markus Janson. Detection of the nearest Jupiter analogue in radial velocity and astrometry data. MNRAS, 490(4):5002–5016, December 2019

Fabo Feng, Maksym Lisogorskyi, Hugh R. A. Jones, Sergei M. Kopeikin, R. Paul Butler, Guillem Anglada-Escudé, and Alan P. Boss. PEXO: A Global Modeling Framework for Nanosecond Timing, Microarcsecond Astrometry, and μm s^{-1} Radial Velocities. ApJS, 244(2):39, October 2019

Fabo Feng, Jeffrey D. Crane, Sharon Xuesong Wang, Johanna K. Teske, Stephen A. Shectman, Matías R. Díaz, Ian B. Thompson, Hugh R. A. Jones, and R. Paul Butler. Search for Nearby Earth Analogs. I. 15 Planet Candidates Found in PFS Data. ApJS, 242(2):25, June 2019

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F. Feng and H. R. A. Jones. Probabilistic galeeactic dynamics - I. The Sun and GJ 710 with Monte Carlo, linearized, and unscented treatments. MNRAS, 483(3):3971–3982, March 2019

2018

F. Feng and H. R. A. Jones. Understanding Fomalhaut as a Cooper pair. MNRAS, 474(4):4412–4420, March 2018

F. Feng and H. R. A. Jones. 'Oumuamua as a Messenger from the Local Association. ApJL, 852(2):L27, January 2018(media coverage: ScienceNews, The Independent, Newsweek, Space.com, Phys.Org, etc; I have also reported my work on The Conversation)

F. Feng and H. R. A. Jones. Was Proxima captured by Alpha Centauri A and B? MNRAS, 473(3):3185–3189, January 2018(media coverage: IFLScience, New Scientist, Gizmodo, etc.)

2017

F. Feng, M. Tuomi, H. R. A. Jones, J. Barnes, G. Anglada-Escudé, S. S. Vogt, and R. P. Butler. Color Difference Makes a Difference: Four Planet Candidates around τ Ceti. AJ, 154(4):135, October 2017(media coverage: CNN, Daily Mail, BBC, Gizmodo, Sky News, Sky & Telescope, etc.)

F. Feng, M. Tuomi, and H. R. A. Jones. Evidence for at least three planet candidates orbiting HD 20794. A&A, 605:A103, September 2017

F. Feng, M. Tuomi, and H. R. A. Jones. Agatha: disentangling periodic signals from correlated noise in a periodogram framework. MNRAS, 470(4):4794–4814, October 2017

2015

Fabo Feng and C. A. L. Bailer-Jones. Finding the imprints of stellar encounters in long-period comets. MNRAS, 454(3):3267–3276, December 2015

Fabo Feng and C. A. L. Bailer-Jones. Obliquity and precession as pacemakers of Pleistocene deglaciations. *Quaternary Science Reviews*, 122:166–179, August 2015

2014

F. Feng and C. A. L. Bailer-Jones. Exploring the role of the Sun's motion in terrestrial comet impacts. MNRAS, 442(4):3653–3673, August 2014

2013

F. Feng and C. A. L. Bailer-Jones. Assessing the Influence of the Solar Orbit on Terrestrial Biodiversity. ApJ, 768(2):152, May 2013

2012

Fa-Bo Feng. Radio jets and galaxies as cosmic string probes. *Frontiers of Physics*, 7(4):461–470, August 2012

Co-authored publication (28)

2024

JUST Team, Chengze Liu, Ying Zu, Fabo Feng, Zhaoyu Li, Yu Yu, Hua Bai, Xiangqun Cui, Bozhong Gu, Yizhou Gu, Jiaxin Han, Yonghui Hou, Zhongwen Hu, Hangxin Ji, Yipeng Jing, Wei Li, Zhaoxiang Qi, Xianyu Tan, Cairang Tian, Dehua Yang, Xiangyan Yuan, Chao Zhai, Congcong Zhang, Jun Zhang,

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Haotong Zhang, Pengjie Zhang, Yong Zhang, Yi Zhao, Xianzhong Zheng, Qingfeng Zhu, and Xiaohu Yang. The Jiao Tong University Spectroscopic Telescope (JUST) Project. *Astronomical Techniques and Instruments*, 1(1):16–30, January 2024

E. C. Matthews, A. L. Carter, P. Pathak, C. V. Morley, M. W. Phillips, S. Krishanth P. M, F. Feng, M. J. Bonse, L. A. Boogaard, J. A. Burt, I. J. M. Crossfield, E. S. Douglas, Th. Henning, J. Hom, C. L. Ko, M. Kasper, A. M. Lagrange, D. Petit dit de la Roche, and F. Philipot. A temperate super-Jupiter imaged with JWST in the mid-infrared. *Nature*, October 2024

Kaiming Cui, D. J. Armstrong, and Fabo Feng. Identifying Light-curve Signals with a Deep-learning-based Object Detection Algorithm. II. A General Light-curve Classification Framework. ApJS, 274(2):29, October 2024

2023

Wenting Wang, Ling Zhu, Yipeng Jing, Robert J. J. Grand, Zhaozhou Li, Xiaoting Fu, Lu Li, Jiaxin Han, Ting S. Li, Fabo Feng, and Carlos Frenk. Unraveling the Complexity of Dwarf Galaxy Dynamics: A Study of Binary Orbital Motions. ApJ, 956(2):91, October 2023

Katherine Laliotis, Jennifer A. Burt, Eric E. Mamajek, Zhexing Li, Volker Perdelwitz, Jinglin Zhao, R. Paul Butler, Bradford Holden, Lee Rosenthal, B. J. Fulton, Fabo Feng, Stephen R. Kane, Jeremy Bailey, Brad Carter, Jeffrey D. Crane, Elise Furlan, Crystal L. Gnilka, Steve B. Howell, Gregory Laughlin, Stephen A. Shectman, Johanna K. Teske, C. G. Tinney, Steven S. Vogt, Sharon Xuesong Wang, and Robert A. Wittenmyer. Doppler Constraints on Planetary Companions to Nearby Sun-like Stars: An Archival Radial Velocity Survey of Southern Targets for Proposed NASA Direct Imaging Missions. AJ, 165(4):176, April 2023

Xiaoying Pang, Yifan Wang, Shih-Yun Tang, Yicheng Rui, Jing Bai, Chengyuan Li, Fabo Feng, M. B. N. Kouwenhoven, Wen-Ping Chen, and Rwei-ju Chuang. Binary Star Evolution in Different Environments: Filamentary, Fractal, Halo, and Tidal Tail Clusters. AJ, 166(3):110, September 2023

2022

Kaiming Cui, Junjie Liu, Fabo Feng, and Jifeng Liu. Identify Light-curve Signals with Deep Learning Based Object Detection Algorithm. I. Transit Detection. AJ, 163(1):23, January 2022

2021

Jennifer A. Burt, Diana Dragomir, Paul Mollière, Allison Youngblood, Antonio García Muñoz, John McCann, Laura Kreidberg, Chelsea X. Huang, Karen A. Collins, Jason D. Eastman, Lyu Abe, Jose M. Almenara, Ian J. M. Crossfield, Carl Ziegler, Joseph E. Rodriguez, Eric E. Mamajek, Keivan G. Stassun, Samuel P. Halverson, Steven Villanueva, R. Paul Butler, Sharon Xuesong Wang, Richard P. Schwarz, George R. Ricker, Roland Vanderspek, David W. Latham, S. Seager, Joshua N. Winn, Jon M. Jenkins, Abdelkrim Agabi, Xavier Bonfils, David Ciardi, Marion Cointepas, Jeffrey D. Crane, Nicolas Crouzet, Georgina Dransfield, Fabo Feng, Elise Furlan, Tristan Guillot, Arvind F. Gupta, Steve B. Howell, Eric L. N. Jensen, Nicholas Law, Andrew W. Mann, Wenceslas Marie-Sainte, Rachel A. Matson, Elisabeth C. Matthews, Djamel Mékarnia, Joshua Pepper, Nic Scott, Stephen A. Shectman, Joshua E. Schlieder, François-Xavier Schmider, Daniel J. Stevens, Johanna K. Teske, Amaury H. M. J. Triaud,

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David Charbonneau, Zachory K. Berta-Thompson, Christopher J. Burke, Tansu Daylan, Thomas Barclay, Bill Wohler, and C. E. Brasseur. TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. AJ, 162(3):87, September 2021

P. Pathak, D. J. M. Petit dit de la Roche, M. Kasper, M. Sterzik, O. Absil, A. Boehle, F. Feng, V. D. Ivanov, M. Janson, H. R. A. Jones, A. Kaufer, H. U. Käufl, A. L. Maire, M. Meyer, E. Pantin, R. Siebenmorgen, M. E. van den Ancker, and G. Viswanath. High-contrast imaging at ten microns: A search for exoplanets around Eps Indi A, Eps Eri, Tau Ceti, Sirius A, and Sirius B. A&A, 652:A121, August 2021

Gayathri Viswanath, Markus Janson, Carl-Henrik Dahlqvist, Dominique Petit dit de la Roche, Matthias Samland, Julien Girard, Prashant Pathak, Markus Kasper, Fabo Feng, Michael Meyer, Anna Boehle, Sascha P. Quanz, Hugh R. A. Jones, Olivier Absil, Wolfgang Brandner, Anne-Lise Maire, Ralf Siebenmorgen, Michael Sterzik, and Eric Pantin. Constraints on the nearby exoplanet eps Indi Ab from deep near- and mid-infrared imaging limits. A&A, 651:A89, July 2021

Tianjun Gan, Sharon Xuesong Wang, Johanna K. Teske, Shude Mao, Ward S. Howard, Nicholas M. Law, Natasha E. Batalha, Andrew Vanderburg, Diana Dragomir, Chelsea X. Huang, Fabo Feng, R. Paul Butler, Jeffrey D. Crane, Stephen A. Shectman, Yuri Beletsky, Avi Shporer, Benjamin T. Montet, Jennifer A. Burt, Adina D. Feinstein, Erin Flowers, Sangeetha Nandakumar, Mauro Barbieri, Hank Corbett, Jeffrey K. Ratzloff, Nathan Galliher, Ramses Gonzalez Chavez, Alan Vasquez, Amy Glazier, and Joshua Haislip. Revisiting the HD 21749 planetary system with stellar activity modelling. MNRAS, 501(4):6042–6061, March 2021

Jennifer Burt, Fabo Feng, Bradford Holden, Eric E. Mamajek, Chelsea X. Huang, Mickey M. Rosenthal, Songhu Wang, R. Paul Butler, Steven S. Vogt, Gregory Laughlin, Gregory W. Henry, Johanna K. Teske, Sharon X. Wang, Jeffrey D. Crane, and Steve A. Shectman. A Collage of Small Planets from the Lick-Carnegie Exoplanet Survey: Exploring the Super-Earth and Sub-Neptune Mass Regime. AJ, 161(1):10, January 2021

M. Lisogorskyi, H. R. A. Jones, F. Feng, R. P. Butler, and S. Vogt. Exploring the robustness of Keplerian signals to the removal of active and telluric features. MNRAS, 500(1):548–557, January 2021

2020

S. Dreizler, I. J. M. Crossfield, D. Kossakowski, P. Plavchan, S. V. Jeffers, J. Kemmer, R. Luque, N. Espinoza, E. Pallé, K. Stassun, E. Matthews, B. Cale, J. A. Caballero, M. Schlecker, J. Lillo-Box, M. Zechmeister, S. Lalitha, A. Reiners, A. Soubkiou, B. Bitsch, M. R. Zapatero Osorio, P. Chaturvedi, A. P. Hatzes, G. Ricker, R. Vanderspek, D. W. Latham, S. Seager, J. Winn, J. M. Jenkins, J. Aceituno, P. J. Amado, K. Barkaoui, M. Barbieri, N. M. Batalha, F. F. Bauer, B. Benneke, Z. Benkhaldoun, C. Beichman, J. Berberian, J. Burt, R. P. Butler, D. A. Caldwell, A. Chintada, A. Chontos, J. L. Christiansen, D. R. Ciardi, C. Cifuentes, K. A. Collins, K. I. Collins, D. Combs, M. Cortés-Contreras, J. D. Crane, T. Daylan, D. Dragomir, E. Esparza-Borges, P. Evans, F. Feng, E. E. Flowers, A. Fukui, B. Fulton, E. Furlan, E. Gaidos, C. Geneser, S. Giacalone, M. Gillon, E. Gonzales, V. Gorjian, C. Hellier, D. Hidalgo, A. W. Howard, S. Howell, D. Huber, H. Isaacson, E. Jehin, E. L. N. Jensen, A. Kaminski, S. R. Kane, K. Kawauchi, J. F. Kielkopf, H. Klahr, M. R. Kosiarek, L. Kreidberg, M. Kürster, M. Lafarga, J. Livingston, D. Louie, A. Mann, A. Madrigal-Aguado, R. A. Matson, T. Mocnik, J. C. Morales,

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