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EDUCATION

Ph.D., Astrophysics

Cornell University, Ithaca, NY

December 2001

Bachelor of Science, Nuclear Physics

Beijing University, Beijing, China

July 1995

Graduation Certificate, Computer Science

Beijing University, Beijing, China

July 1995

EMPLOYMENT

Chair Professor

Astronomy Department, Tsinghua University

Jul 2024 – Present

Chief Scientist

The Five-hundred-meter Aperture Spherical radio Telescope (FAST) Project

July 2018 – Aug 2024

Chief Scientist

Radio Astronomy Division, National Astronomical Observatories of China

Feb 2012 – Jul 2024

Research Scientist

Jet Propulsion Laboratory, California Institute of Technology

Jan 2007 – Dec 2011

National Research Council Fellow

Jet Propulsion Laboratory, California Institute of Technology

May 2005 – Dec 2006

Astronomer

Harvard-Smithsonian Center for Astrophysics

Feb 2002 – May 2005

SELECTED GRANTS , AWARDS, COMMITTEE MEMBERSHIPS

Marcel Grossmann Award–Individual Award

“For his groundbreaking contributions to the scientific definition of the most sensitive radio telescope and his numerous innovations in characterizing the dynamic universe, resulting in precise measurements of the interstellar magnetic field and advancing the field of fast radio bursts into a high-statistics era” 2024

«China News Weekly» **Annual Science and Technology Figure**

“China News Weekly” Influential Person of the Year—Technology Person of the Year

2023

The 3rd National Innovation Award

The Ministry of Human Resources and Social Security, the China Association for Science and Technology, the Ministry of Science and Technology, and the State-owned Assets Supervision and Administration Commission of the State Council. 2023

“The National Innovation Award”

No.1, Natural Science Award

Beijing Science and Technology Award 2023

“FAST accurately depicts Fast Radio Burst and their surrounding environment”

No.1, Chinese Academy of Sciences Outstanding Scientific and Technological Achievement Award

Chinese Academy of Sciences 2023

“Fast Radio Burst research collective”

Member, Basic Science Center

National Natural Science Foundation of China 2020–2024

“LAMOST and FAST: A Study of the MilkyWay and the Local Universe”

PI, National Key R&D Program of China

Ministry of Science and Technology of China 2017–2022

“A Commensal Radio Astronomy FAST Survey (CRAFTS)”

PI, Distinguished Young Fellowship

National Natural Science Foundation of China 2018–2022

“Surveys with Large Radio Facilities and Evolution of the Interstellar Medium”

Chinese Academy of Sciences Outstanding Scientific and Technological Achievement Award

Chinese Academy of Sciences 2018

“Research Group of Five-hundred-meter Aperture Spherical radio Telescope (FAST) Project”

Member

Major Facilities User-Guidance Council, Chinese Academy of Sciences 2015–2018

PI, International Partnership Key Program

Chinese Academy of Sciences 2016–2021

CoI, Gravitational Wave and General Relativity

Key Program of National Natural Science Foundation of China 2017–2022

Chair

Cradle of Life Science Working Group, The Square Kilometer Array Organization 2015–2016

Member, Australia Telescope National Facility Steering Committee (ATNF)

The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia 2012–2014

PI, Fundamental Science Key Program (973)

Ministry of Science and Technology of China “ <i>The Frontiers of Radio Astronomy and FAST Early Sciences</i> ”	2012–2016
Member, Stratospheric Observatory for Far Infrared Astronomy (SOFIA) Science User Group Universities Space Research Association (USRA)	2012–2014
Member of the Judge Panel, Chinese National Science and Technology Achievement Award Ministry of Science and Technology of China	2012
PI, Herschel Open Time Project, ESA/NASA “ <i>The Conditions of Isolated Dark Clouds with Signs of On Going H2 Formation</i> ”	2011
PI, SOFIA Basic Science Program, ESA/NASA “ <i>Mapping Dark Gas in Rho Oph A</i> ”	2011
Member of Group Achievement Award, NASA Citation: “ <i>Outstanding achievements in the successful development of critical hardware</i> ”	2010
CoI of four Herschel Open Time Projects, ESA/NASA	2010
CoI of Herschel Open Time Key Projects, ESA/NASA “ <i>GOT CPlus: State of the Diffuse ISM: Galactic Observations of the Terahertz CII Line</i> ” “ <i>HOP: Herschel Oxygen Project</i> ”	2008
PI of Spitzer Proposal, NASA “ <i>MIPS SED Observations of Massive Quiescent Cores in Orion</i> ”	2007
CoI of two Spitzer Proposals and Grants, NASA	2006
Resident Research Associateship Award National Research Council, USA Citation: “ <i>Awarded to postdoctoral scholars of outstanding ability as a result of national competition.</i> ”	2005

SYNOPSIS OF EXPERIENCES

Dr. Li is a radio astronomer. He is a Chair Professor of Tsinghua University and the former Chief Scientist of FAST. He pioneered several observing and data analysis techniques, including HI Narrow Self-Absorption (HINSA) and a new inversion algorithm for solving the dust temperature distribution. These techniques facilitated important measurements of star forming regions, such as their formation time scale and interstellar magnetic field (as a Nature cover article). Dr. Li has led and/or made multiple significant discoveries, including the first detection of interstellar molecular oxygen and the first persistently active fast radio bursts (FRB), the largest FRB bursts set, etc. He is leading the Commensal Radio Astronomy FasT Survey (CRAFTS), which is the world’s first commensal survey of HI, pulsars, and FRBs. CRAFTS has discovered more than 200 pulsars, more than 8 FRBs, released 5000 deg² HI sky maps. He has published more than 350 peer-reviewed journal articles with more than 10000 citations. He won the 2024 Marcel Grossmann Award for “For his groundbreaking contributions to the scientific definition of the most sensitive radio telescope and his numerous innovations in characterizing the dynamic universe” . His numerous other

awards and leadership roles include the 2005 National Research Council (US) Resident Research Fellowship based on “his outstanding research capabilities ... as a result of national competition”; the 2022 Distinguished Achievement Award of the Chinese Academy of Sciences (CAS); the 3rd National Innovation Award; the Steering Committee of Australia Telescope National Facility (ATNF); the Square Kilometer Array Science and Engineering Advisory Committee (SEAC); the advisory panel of the Breakthrough Listen initiative, etc.

PUBLICATIONS

- **2024** Liu, Shifang; Wen, Zhigang; Wang, Shuangqiang; Kou, Feifei; Yan, Wenming; Yuan, Jianping; Wu, Qingdong; Zhao, De; Miao, Chenchen; Wang, Na; Xue, Menyao and **Li, Di**; Wang, Pei; Sun, Shengnan; Zhu, Weiwei; Bai, Juntao, *Single-pulse Emissions of PSRs J1611–0114 and J1617+1123*, 2024, *Research in Astronomy and Astrophysics*, 11, 5001
- **2024** Xu, Xuefang; Wang, Ke; Gou, Qian; Baug, Tapas; **Li, Di**; Duan, Chunguo; Lei, Juncheng, *The Milky Way atlas for linear filaments - II. Clump rotation versus filament orientation*, 2024, *Monthly Notices of the Royal Astronomical Society*, 535, 940
- **2024** Gao, Shi-Jie; Shao, Yi-Xuan; Wang, Pei; Zhou, Ping; Li, Xiang-Dong; Zhang, Lei; Kania, Joseph W.; Lorimer, Duncan R.; **Li, Di** *Discovery of a Millisecond Pulsar Associated with Terzan 6* , 2024, *The Astrophysical Journal Letter*, 974, 2
- **2024** Liu, P.; Yuan, J. -P.; Ge, M. -Y.; Ye, W. -T.; Zhou, S. -Q.; Dang, S. -J.; Zhou, Z. -R.; Güğercinoğlu, E.; Wang, W. -H.; Wang, P.; Li, A.; **Li, D.**; Wang, N., *Pulse profile variability associated with the glitch of PSR J1048–5832*, 2024, *Monthly Notices of the Royal Astronomical Society*, 533, 4274
- **2024** Zhang, C.; Liu, Tie; Ren, Z. -Y.; Zhu, Feng-Yao; Liu, H. -L.; Wang, Ke; Wu, J. -W.; **Li, D.**; Jiao, Sihan; Tatematsu, K.; Juvela, Mika; Lee, Chang Won; Jiao, Wenyu; Bronfman, Leonardo; Zhou, Jianwen; Xu, Feng-Wei; Tej, Anandmayee; Hwang, Jihye; Soam, Archana; Das, Swagat; Chibueze, James O., *ATOMS: ALMA three-millimetre observations of massive star-forming regions - XVI. Neutral versus ion line widths*, 2024, *Monthly Notices of the Royal Astronomical Society*, 533, 4234
- **2024** Chen, Long-Fei; Tsai, Chao-Wei; Li, Jian-Yang; Yang, Bin; **Li, Di**; Duan, Yan; Hsia, Chih-Hao; Pan, Zhichen; Qian, Lei; Quan, Donghui; Jiang, Xue-Jian; Li, Xiaohu; Zhao, Ruining; Zuo, Pei, *FAST Observations of Four Comets to Search for the Molecular Line Emissions between 1.0 and 1.5 GHz Frequencies*, 2024, *Research in Astronomy and Astrophysics*, 10, 5008
- **2024** Shen, Xianjin; Liu, Hong-Li; Ren, Zhiyuan; Tej, Anandmayee; **Li, Di**; Liu, Haoyu Baobab; Fuller, Gary A.; Xie, Jinjin; Jiao, Sihan; Yang, Aiyuan; Koch, Patrick M.; Xu, Fengwei; Sanhueza, Patricio; Diep, Pham Ngoc; Peretto, Nicolas; Yadav, R. K.; Kramer, Busaba H.; Sugiyama, Koichiro; Rawlings, Mark G.; Lee, Chang Won; Tatematsu, Ken'ichi; Harsono, Daniel; Eden, David; Kwon, Woojin; Tsai, Chao-Wei; White, Glenn J.; Kim, Kee-Tae; Liu, Tie; Wang, Ke; Zhang, Siju; Jiao, Wenyu; Yang, Dongting; Das, Swagat R.; Wu, Jingwen; Wang, Chen, *JCMT 850 μ m Continuum Observations of Density Structures in the G35 Molecular Complex*, 2024, *The Astrophysical Journal*, 974, 239
- **2024** Feng, Yi*; **Li, Di***; Zhang, Yong-Kun*; Tsai, Chao-Wei*; Qu, Yuanhong; Wang, Wei-Yang; Yang, Yuan-Pei; Wang, Pei; Zhou, Dengke; Niu, Jiarui; Miao, Chenchen; Yuan, Mao; Xu, Jiaying; Lynch, Ryan S.; Armentrout, William Paul; Gregory, Brenne; Meng, Lingqi; Wang, Shen; Chen, Xianglei; Dai, Shi; Niu, Chen-Hui; Xue, Mengyao; Yao, Ju-Mei; Zhang, Bing; Zhang, Junshuo; Zhu, Weiwei; Xie, Juntao; Zhu, Yuhao, *An Extremely Active Repeating Fast Radio Burst Source in a Likely Nonmagneto-ionic Environment*, 2024, *The Astrophysical Journal*, 974, 296
- **2024** Xiao, Shuo; Hong, Mei-Xin; You, Zi-Yi; Liao, Tong-Lei; Xiong, Shao-Lin; Yi, Shu-Xu; Wang, Ping;

Yang, Jiao-Jiao; Jiang, Zheng-Huo; Wang, Yue; Zhang, Yan-Qiu; Ge, Ming-Yu; Zhang, Zhen; Luo, Xi-Hong; Dang, Shi-Jun; Zhao, Ru-shuang; Dong, Ai-Jun; Zhi, Qi-Jun; Gao, He; **Li, Di**; Zhang, Shuang-Nan, *The Self-organized Criticality Behaviors of Pulses in Magnetar Bursts*, 2024, *Astrophysical Journal Supplement Series*, 274, 14

• **2024** Niu, J. R.; Wang, W. Y.; Jiang, J. C.; Qu, Y.; Zhou, D. J.; Zhu, W. W.; Lee, K. J.; Han, J. L.; Zhang, B.; **Li, D.**; Cao, S.; Fang, Z. Y.; Feng, Y.; Fu, Q. Y.; Jiang, P.; Jing, W. C.; Li, J.; Li, Y.; Luo, R.; Meng, L. Q.; Miao, C. C.; Miao, X. L.; Niu, C. H.; Pan, Y. C.; Wang, B. J.; Wang, F. Y.; Wang, H. Z.; Wang, P.; Wu, Q.; Wu, Z. W.; Xu, H.; Xu, J. W.; Xu, L.; Xue, M. Y.; Yang, Y. P.; Yuan, M.; Yue, Y. L.; Zhao, D.; Zhang, C. F.; Zhang, D. D.; Zhang, J. S.; Zhang, S. B.; Zhang, Y. K.; Zhu, Y. H., *Sudden Polarization Angle Jumps of the Repeating Fast Radio Burst FRB 20201124A*, 2024, *The Astrophysical Journal Letter*, 972, L20

• **2024** Yu, Niankun; Zheng, Zheng; Tsai, Chao-Wei; Zuo, Pei; Ellison, Sara L.; Stark, David V.; **Li, Di**; Wu, Jingwen; Masters, Karen L.; Xiao, Ting; Zheng, Yinghui; Li, Zongnan; Zhang, Kai; Chen, Hongying; Liu, Shu; Jiao, Sihan; Meng, Fanyi, *The ALMAQUEST Survey XV: The dependence of the molecular-to-atomic gas ratios on resolved optical diagnostics*, 2024, *Science China Physics, Mechanics, and Astronomy*, 67, 9

• **2024** Wang, Bing-Ru; **Li, Di***; Goldsmith, Paul F.; Wu, Jingwen*; Tsai, Chao-Wei; Quan, Donghui; Zhang, Xia; Wang, Junzhi; Melnick, Gary J.; Li, Jin-Zeng; Fuller, Gary A.; Xie, Jinjin, *Molecular Oxygen Abundance in Galactic Massive Star Formation Regions Based on SWAS Observations*, 2024, *Research in Astronomy and Astrophysics*, 09, 5007

• **2024** Yue, Nannan; Wang, Lile; Bisbas, Thomas; Quan, Donghui; **Li, Di**, *Turbulent Diffuse Molecular Media with Nonideal Magnetohydrodynamics and Consistent Thermochemistry: Numerical Simulations and Dynamic Characteristics*, 2024, *The Astrophysical Journal*, 973, 37

• **2024** Dou, Jing; Peng, Yingjie; Gu, Qiusheng; Renzini, Alvio; Ho, Luis C.; Mannucci, Filippo; Daddi, Emanuele; Zhang, Chengpeng; Li, Jiakuan; Shi, Yong; Wang, Tao; Zhao, Dingyi; Lyu, Cheqiu; **Li, Di**; Yuan, Feng; Maiolino, Roberto; Gao, Yulong, *The H I Reservoir in Central Spiral Galaxies and the Implied Star Formation Process*, 2024, *The Astrophysical Journal Letter*, 973, 23

• **2024** Zhang, S. B.; Geng, J. J.; Wang, J. S.; Yang, X.; Kaczmarek, J.; Tang, Z. F.; Johnston, S.; Hobbs, G.; Manchester, R.; Wu, X. F.; Jiang, P.; Huang, Y. F.; Zou, Y. C.; Dai, Z. G.; Zhang, B.; **Li, D.**; Yang, Y. P.; Dai, S.; Chang, C. M.; Pan, Z. C.; Lu, J. G.; Wei, J. J.; Li, Y.; Wu, Q. W.; Qian, L.; Wang, P.; Wang, S. Q.; Feng, Y.; Staveley-Smith, L., *RRAT J1913+1330: An Extremely Variable and Puzzling Pulsar*, 2024, *The Astrophysical Journal*, 972, 59

• **2024** Chandola, Yogesh; Saikia, D. J.; Ma, Yin-Zhe; Zheng, Zheng; Tsai, Chao-Wei; **Li, Di**; Tramonte, Denis; Pan, Hengxing, *FAST Survey of HI and OH Absorption toward Extragalactic Radio Sources*, 2024, *The Astrophysical Journal*, 973, 1

• **2024** Xu, H. W.; Zhao, R. S.; Gugercinoglu, Erbil; Liu, H.; **Li, D.**; Wang, P.; Niu, C. H.; Miao, C.; Zhu, X.; Tian, R. W.; Li, W. L.; Wang, S. D.; Tu, Z. F.; Zhi, Q. J.; Dang, S. J.; Shang, L. H.; Xiao, S., *Statistical Analysis of Pulsar Flux Density Distribution*, 2024, *The Astrophysical Journal*, 970, 148

- **2024** Li, Jixuan; Gao, Yang; **Li, Di**; Wu, Kinwah, *A Candidate Period of 4.605 Days for FRB 20121102A and One Possible Implication of Its Origin*, 2024, The Astrophysical Journal, 969, 23

- **2024** Wu, Ziwei; Zhu, Weiwei; Zhang, Bing; Feng, Yi; Han, JinLin; **Li, Di**; Li, Dongzi; Luo, Rui; Niu, Chenhui; Niu, Jiarui; Wang, Bojun; Wang, Fayin; Wang, Pei; Wang, Weiyang; Xu, Heng; Yang, Yuanpei; Zhang, Yongkun; Zhou, Dejiang; Zhu, Yuhao; Deng, Can-Min; Xu, Yonghua; FAST FRB Key Science Project *Scintillation Velocity and Arc Observations of FRB 20201124A*, 2024, The Astrophysical Journal Letter, 969, 23

- **2024** Chen, Xuechun; Hu, Bin; Wang, Pei; Zheng, Wenwen; **Li, Di**; Er, Xinzhong, *Plasma lensing interpretation of FRB 20201124A bursts at the end of September 2021*, 2024, Monthly Notices of the Royal Astronomical Society, 531, 4155

- **2024** Eden, D. J.; Liu, Tie; Moore, T. J. T.; Di Francesco, J.; Fuller, G.; Kim, Kee-Tae; **Li, Di**; Liu, S. -Y.; Plume, R.; Tatematsu, Ken'ichi; Thompson, M. A.; Wu, Y.; Bronfman, L.; Butner, H. M.; Currie, M. J.; Garay, G.; Goldsmith, P. F.; Hirano, N.; Johnstone, D.; Juvela, M.; Lai, S. -P.; Lee, C. W.; Mannfors, E. E.; Olguin, F.; Pattle, K.; Park, Geumsook; Polychroni, D.; Rawlings, M.; Rigby, A. J.; Sanhueza, P.; Traficante, A.; Urquhart, J. S.; Weferling, B.; White, G. J.; Yadav, R. K., *A study of Galactic Plane Planck Galactic cold clumps observed by SCOPE and the JCMT Plane Survey*, 2024, Monthly Notices of the Royal Astronomical Society, 530, 5192

- **2024** Wang, Bing-Ru; **Li, Di***; Goldsmith, Paul F.; Wu, Jingwen*; Tsai, Chao-Wei; Schieder, Rudolf; Melnick, Gary J., *Long-term Integration Ability of the Submillimeter Wave Astronomy Satellite (SWAS) Spectral Line Receivers*, 2024, Research in Astronomy and Astrophysics, 06, 5026

- **2024** Chen, Cailing; Zheng, Zheng; Tsai, Chao-Wei; Jiao, Sihan; Tang, Jing; Wu, Jingwen; **Li, Di**; Zheng, Yun; Feng, Linjing; Yang, Yujiao; Liang, Yuan, *Optical Extinctions of Inter-Arm Molecular Clouds in M31: A Pilot Study for the Upcoming CSST Observations*, 2024, Research in Astronomy and Astrophysics, 06, 5027

- **2024** Zhang, Mingzhu; Duan, Ran; **Li, Di**; Zhang, Xiaohang; Yang, Lihui; Liu, Fei; Wang, Yu; Yu, Shiling; Ma, Xiaoyun; Yan, Xiaohui, *Optical Design and Optimization of Space High-Cadence Observing Telescope (SHOT)*, 2024, Journal of Low Temperature Physics, 215, 247

- **2024** Lower, Marcus E.; Johnston, Simon; Lyutikov, Maxim; Melrose, Donald B.; Shannon, Ryan M.; Weltevrede, Patrick; Caleb, Manisha; Camilo, Fernando; Cameron, Andrew D.; Dai, Shi; Hobbs, George; **Li, Di**; Rajwade, Kaustubh M.; Reynolds, John E.; Sarkissian, John M.; Stappers, Benjamin W., *Linear to circular conversion in the polarized radio emission of a magnetar*, 2024, Nature Astronomy, 8.606

- **2024** Chen, Long-Fei; Quan, Donghui; He, Jiao; Wang, Yao; **Li, Di**; Henning, Thomas, *Astrochemical effect of the fundamental grain surface processes. I. The diffusion of grain surface species and the pre-exponential factor*, 2024, A&A, 685, 55

- **2024** Yu, Shiling; Yang, Lihui; Yan, Xiaohui; Fan, Ruirui; Dai, Xucheng; Mai, Zhanzhang; Shi, Zhongyu; Wang, Yu; Zhang, Mingzhu; Hong, Yue; Zou, Liming; Wang, Haitao; Zhu, Hongli; Liu, Jiawei; Wang, Haoyu; Guo, Weijie; Wang, Yiwen; Song, Yanru; Feng, Yi; Zhang, Xiaohang; Duan, Ran; **Li, Di**, *Development*

of Kinetic Inductance Bolometers for the Space High-Cadence Observing Telescope, 2024, *Journal of Low Temperature Physics*, 215, 276

- **2024** Luo, Gan; **Li, Di**; Zhang, Zhi-Yu; Bisbas, Thomas G.; Tang, Ningyu; Lin, Lingrui; Sun, Yichen; Zuo, Pei; Zhou, Jing, *The CO-dark molecular gas in the cold HI arc*, 2024, *A&A*, 685, 12
- **2024** Lyu, Fen*; Liang, En-Wei; **Li, D.***, *Narrowly Banded Spectra with Peak Frequency around 1 GHz of FRB 20201124A: Implications for Energy Function and Radiation Physics*, 2024, *The Astrophysical Journal*, 966, 115
- **2024** Zhang, Yong-Kun; **Li, Di***; Feng, Yi; Wang, Pei; Niu, Chen-Hui; Dai, Shi; Yao, Ju-Mei; Tsai, Chao-Wei, *The arrival time and energy of FRBs traverse the time-energy bivariate space like a Brownian motion*, 2024, *Science Bulletin*, 966, 115
- **2024** Xiao, Shuo; Zhang, Shuang-Nan; Xiong, Shao-Lin; Wang, Ping; Li, Xiu-Juan; Dong, Ai-Jun; Zhi, Qi-Jun; **Li, Di**, *The self-organized criticality behaviours of two new parameters in SGR J1935+2154*, 2024, *Monthly Notices of the Royal Astronomical Society*, 528, 1388
- **2024** Tedila, H. M.; Yuen, R.; Wang, N.; **Li, D.**; Wen, Z. G.; Yan, W. M.; Yuan, J. P.; Han, X. H.; Wang, P.; Zhu, W. W.; Dang, S. J.; Wang, S. Q.; Xie, J. T.; Wu, Q. D.; Khasanov, Sh.; FAST Collaboration, *Investigation of Profile Shifting and Subpulse Movement in PSR J0344-0901 with FAST*, 2024, *The Astrophysical Journal*, 965, 144
- **2024** Zhou, Dengke; Wang, Pei*; **Li, Di***; Fang, Jianhua; Miao, Chenchen; Freire, Paulo C. C.; Zhang, Lei; Zhang, Dandan; Chen, Huaxi; Feng, Yi; Xiao, Yifan; Xie, Jintao; Zhang, Xu; Jin, Chenwu; Wang, Han; Ke, Yinan; Guo, Xuerong; Zhao, Rushuang; Niu, Chenhui; Zhu, Weiwei; Xue, Mengyao; Wang, Yabiao; Wu, Jiafu; Gan, Zhenye; Sun, Zhongyi; Wang, Chengjie; Zhang, Jie; Zhang, Junshuo; Cao, Jinhuang; Lu, Wanjin, *A discovery of two slow pulsars with FAST: “Ronin” from the globular cluster M15*, 2024, *Science China Physics, Mechanics, and Astronomy*, 67, 69512
- **2024** Hou, X.; Zhang, W.; Freire, P. C. C.; Torres, D. F.; Ballet, J.; Smith, D. A.; Johnson, T. J.; Kerr, M.; Cheung, C. C.; Guillemot, L.; Li, J.; Zhang, L.; Ridolfi, A.; Wang, P.; **Li, D.**; Yuan, J.; Wang, N., *Characterizing the Gamma-Ray Emission Properties of the Globular Cluster M5 with the Fermi-LAT*, 2024, *The Astrophysical Journal*, 964, 118
- **2024** Liu, Qian-Cheng; Zhong, Wen-Juan; Chen, Yang; Wang, Pei; Zhou, Ping; Yue, You-Ling; **Li, Di**, *Discovery and timing of pulsar J2016+3711 in supernova remnant CTB 87 with FAST*, 2024, *Monthly Notices of the Royal Astronomical Society*, 528, 6761
- **2024** Lu, Wan-Jin; Zhou, Ping; Wang, Pei; Shao, Yi-Xuan; Li, Xiang-dong; Vink, Jacco; **Li, Di**; Chen, Yang, *Upper Limits on the Radio Pulses from Magnetars and a Central Compact Object with FAST*, 2024, *The Astrophysical Journal*, 963, 151
- **2024** Wang, S. Q.; Wang, N.; Wang, J. B.; Hobbs, G.; Xu, H.; Wang, B. J.; Dai, S.; Dang, S. J.; **Li, D.**; Feng, Y.; Zhang, C. M., *Pulse Jitter and Single-pulse Variability in Millisecond Pulsars*, 2024, *The Astrophysical Journal*, 964, 6

- **2024** Wang, Jia-Wei; Koch, Patrick M.; Clarke, Seamus D.; Fuller, Gary; Peretto, Nicolas; Tang, Ya-Wen; Yen, Hsi-Wei; Lai, Shih-Ping; Ohashi, Nagayoshi; Arzoumanian, Doris; Johnstone, Doug; Furuya, Ray; Inutsuka, Shu-ichiro; Lee, Chang Won; Ward-Thompson, Derek; Le Gouellec, Valentin J. M.; Liu, Hong-Li; Fanciullo, Lapo; Hwang, Jihye; Pattle, Kate; Poidevin, Frédérick; Tahani, Mehrnoosh; Onaka, Takashi; Rawlings, Mark G.; Chung, Eun Jung; Liu, Junhao; Lyo, A. -Ran; Priestley, Felix; Hoang, Thiem; Tamura, Motohide; Berry, David; Bastien, Pierre; Ching, Tao-Chung; Coudé, Simon; Kwon, Woojin; Chen, Mike; Eswarajah, Chakali; Soam, Archana; Hasegawa, Tetsuo; Qiu, Keping; Bourke, Tyler L.; Byun, Do-Young; Chen, Zhiwei; Chen, Huei-Ru Vivien; Chen, Wen Ping; Cho, Jungyeon; Choi, Minho; Choi, Yunhee; Choi, Youngwoo; Chrysostomou, Antonio; Dai, Sophia; Di Francesco, James; Diep, Pham Ngoc; Doi, Yasuo; Duan, Yan; Duan, Hao-Yuan; Eden, David; Fiege, Jason; Fissel, Laura M.; Franzmann, Erica; Friberg, Per; Friesen, Rachel; Gledhill, Tim; Graves, Sarah; Greaves, Jane; Griffin, Matt; Gu, Qilao; Han, Ilseung; Hayashi, Saeko; Houde, Martin; Inoue, Tsuyoshi; Iwasaki, Kazunari; Jeong, Il-Gyo; Könyves, Vera; Kang, Ji-hyun; Kang, Miju; Karoly, Janik; Kataoka, Akimasa; Kawabata, Koji; Khan, Zacariyya; Kim, Mi-Ryang; Kim, Kee-Tae; Kim, Kyoung Hee; Kim, Shinyoung; Kim, Jongsoo; Kim, Hyosung; Kim, Gwan-jeong; Kirchsclager, Florian; Kirk, Jason; Kobayashi, Masato I. N.; Kusune, Takayoshi; Kwon, Jungmi; Lacaille, Kevin; Law, Chi-Yan; Lee, Sang-Sung; Lee, Hyeeseung; Lee, Jeong-Eun; Lee, Chin-Fei; Li, Dalei; Li, Hua-bai; Li, Guangxing; **Li, Di**; Lin, Sheng-Jun; Liu, Tie; Liu, Sheng-Yuan; Lu, Xing; Mairs, Steve; Matsu-mura, Masafumi; Matthews, Brenda; Moriarty-Schieven, Gerald; Nagata, Tetsuya; Nakamura, Fumitaka; Nakanishi, Hiroyuki; Ngoc, Nguyen Bich; Park, Geumsook; Parsons, Harriet; Pyo, Tae-Soo; Qian, Lei; Rao, Ramprasad; Rawlings, Jonathan; Retter, Brendan; Richer, John; Rigby, Andrew; Sadavoy, Sarah; Saito, Hiro; Savini, Giorgio; Seta, Masumichi; Sharma, Ekta; Shimajiri, Yoshito; Shinnaga, Hiroko; Tang, Xindi; Thuong, Hoang Duc; Tomisaka, Kohji; Tram, Le Ngoc; Tsukamoto, Yusuke; Viti, Serena; Wang, Hongchi; Whitworth, Anthony; Wu, Jintai; Xie, Jinjin; Yang, Meng-Zhe; Yoo, Hyunju; Yuan, Jinghua; Yun, Hyeong-Sik; Zenko, Tetsuya; Zhang, Chuan-Peng; Zhang, Yapeng; Zhang, Guoyin; Zhou, Jianjun; Zhu, Lei; de Looze, Ilse; André, Philippe; Dowell, C. Darren; Eyres, Stewart; Falle, Sam; Robitaille, Jean-François; van Loo, Sven, *Filamentary Network and Magnetic Field Structures Revealed with BISTRO in the High-mass Star-forming Region NGC 2264: Global Properties and Local Magnetogravitational Configurations*, 2024, The Astrophysical Journal, 962, 136
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