

Wei ZHU (祝伟)

FIRST-AUTHOR & STUDENT-LED (*) PUBLICATIONS

21. **Zhu, W.** & Dong, S., *Exoplanet statistics and theoretical implications*, 2021, ARAA in press (arXiv:2103.02127)
20. *Poon, M., Zanazzi, J. J., & **Zhu, W.**, *Constraining the circumbinary disk tilt in the KH 15D system*, MNRAS in press (arXiv:2009.14204)
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18. **Zhu, W.**, *On the patterns observed in Kepler multi-planet systems*, 2020, AJ, 159, 188
17. *Madsen, S. & **Zhu, W.**, *A Pair of Planets Likely in Mean-motion Resonance from Gravitational Microlensing*, 2019, ApJL, 878, L29
16. *Herman, M., **Zhu, W.**, & Wu, Y., *Revisiting the Long-Period Transiting Planets from Kepler*, 2019, AJ, 157, 248
15. **Zhu, W.**, *Influence of Stellar Metallicity on Occurrence Rates of Planets and Planetary Systems*, 2019, ApJ, 873, 8
14. **Zhu, W.**, Dai, F., & Masuda, K., *Kepler-730b is Probably a Hot Jupiter with a Small Companion*, 2018, RNAAS, 2, 160
13. **Zhu, W.** & Wu, Y., *The Super Earth-Cold Jupiter Relations*, 2018, AJ, 156, 92
12. **Zhu, W.**, Petrovich, C., Wu, Y., et al., *About 30% of Sun-like Stars Have Kepler-like Planetary Systems: A Study of their Intrinsic Architecture*, 2018, ApJ, 860, 101
11. **Zhu, W.**, Udalski, A., Huang, C., et al., *An Isolated Microlens Observed by K2, Spitzer and Earth*, 2017, ApJL, 849, 31
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8. **Zhu, W.**, Wang, J., & Huang, C., *Dependence of Small Planet Frequency on Stellar Metallicity Hidden by Their Prevalence*, 2016, ApJ, 832, 196
7. **Zhu, W.** & Gould, A., *Augmenting WFIRST Microlensing with a Ground-based Telescope Network*, 2016, JKAS, 49, 93
6. **Zhu, W.**, Calchi Novati, S., Gould, A., et al., *Mass Measurements of Isolated Objects from Space-based Microlensing*, 2016, ApJ, 825, 60
5. **Zhu, W.**, Gould, A., Beichman, C., et al., *Planet Sensitivity from Combined Ground- and Space-based Microlensing Observations*, 2015, ApJ, 814, 129
4. **Zhu, W.**, Udalski, A., Gould, A., et al., *Spitzer as Microlens Parallax Satellite: Mass and Distance Measurements of Binary Lens System OGLE-2014-BLG-1050L*, 2015, ApJ, 805, 8
3. **Zhu, W.**, Huang, C., Zhou, G., & Lin, D.N.C., *Constraining the Oblateness of Kepler Planets*, 2014, ApJ, 796, 67
2. **Zhu, W.**, Gould, A., Penny, M., et al., *Empirical Study of Simulated Two-planet Microlensing Events*, 2014, ApJ, 794, 53
1. **Zhu, W.**, Penny, M., Mao, S., et al., *Predictions for Microlensing Planetary Events from*

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15. Jow, D. L., Foreman, S., Pen, U. L., **Zhu, W.**, *Wave effects in the microlensing of pulsars and FRBs by point masses*, 2020, MNRAS, 497, 4956
14. Tie, S. S., Weinberg, D. H., Martini, P., **Zhu, W.**, et al., *UV background fluctuations and three-point correlations in the large-scale clustering of the Lyman- α forest*, 2019, MNRAS, 487, 5346
13. Chung et al., *Spitzer Microlensing of MOA-2016-BLG-231L: A Counter-rotating Brown Dwarf Binary in the Galactic Disk*, 2019, ApJ, 871, 179
12. Yalinewich, A., Beniamini, P., Hotokezaka, K., **Zhu, W.**, *Dark Passengers in Stellar Surveys*, 2018, MNRAS, 481, 930
11. Zang, W., Penny, M., **Zhu, W.**, et al., *Measurement of Source Star Colors with the K2C9-CFHT Multi-color Microlensing Survey*, 2018, PASP, 130, 104401
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9. Wang, T., **Zhu, W.**, Mao, S., et al., *Ground-based Parallax Confirmed by Spitzer: Binary Microlensing Event MOA-2015-BLG-020*, 2017, ApJ, 845, 129
8. Chung, S.-J., **Zhu, W.**, Udalski, A., et al., *OGLE-2015-BLG-1482L: The First Isolated Low-mass Microlens in the Galactic Bulge*, 2017, ApJ, 838, 154
7. Han, C., Udalski, A., Gould, A., **Zhu, W.**, et al., *OGLE-2015-BLG-0196: Ground-based Gravitational Microlens Parallax Confirmed By Space-based Observation*, 2016, ApJ, 834, 82
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3. Poleski, R., **Zhu, W.**, Cristie, G., et al., *Spitzer Microlensing Program as a Probe for Globular Cluster Planets: Analysis of OGLE-2015-BLG-0448*, 2015, ApJ, 823, 63
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47. Hirao et al., *OGLE-2017-BLG-0406: Spitzer microlens parallax reveals Saturn-mass planet orbiting M-dwarf host in the inner Galactic disk*, 2020, AJ, 160, 74

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36. Shvartzvald et al., *Spitzer Microlensing Parallax for OGLE-2017-BLG-0896 Reveals a Counter-Rotating Low-Mass Brown Dwarf*, 2019, AJ, 157, 106
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33. Kim et al., *The KMTNet 2016 Data Release*, 2018, arXiv:1804.03352
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24. Albrow et al., *OGLE-2016-BLG-1266: A Probable Brown-Dwarf/Planet Binary at the Deuterium Fusion Limit*, 2018, ApJ, 858, 107

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