

Bo Zhang

List of Publications by Year in descending order

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times ranked

777
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Parallax of Star-forming Region G027.22+0.14. <i>Astronomical Journal</i> , 2022, 163, 54. | 4.7 | 6 |
| 2 | A Very Long Baseline Array Trigonometric Parallax for RR Aql and the Mira Period-Luminosity Relation. <i>Astrophysical Journal</i> , 2022, 931, 74. | 4.5 | 7 |
| 3 | Trigonometric Parallaxes of Four Star-forming Regions in the Distant Inner Galaxy. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 1. | 7.7 | 5 |
| 4 | East Asian VLBI Network observations of active galactic nuclei jets: imaging with KaVA+Tianma+Nanshan. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 205. | 1.7 | 12 |
| 5 | FAST VLBI: current status and future plans. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 074. | 1.7 | 4 |
| 6 | The NTSC VLBI System and its application in UT1 measurement. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 093. | 1.7 | 2 |
| 7 | Radio properties of the OH megamaser galaxy IRAS 02524+2046. <i>Astronomy and Astrophysics</i> , 2020, 638, A78. | 5.1 | 4 |
| 8 | Trigonometric Parallaxes of Star-forming Regions beyond the Tangent Point of the Sagittarius Spiral Arm. <i>Astrophysical Journal</i> , 2019, 874, 94. | 4.5 | 25 |
| 9 | Comparison of Gaia DR2 Parallaxes of Stars with VLBI Astrometry. <i>Astrophysical Journal</i> , 2019, 875, 114. | 4.5 | 39 |
| 10 | Parallaxes for Star-forming Regions in the Inner Perseus Spiral Arm. <i>Astronomical Journal</i> , 2019, 157, 200. | 4.7 | 20 |
| 11 | High-mass Star Formation in the nearby Region G352.630-1.067. I. Parallax. <i>Astrophysical Journal</i> , 2019, 871, 198. | 4.5 | 4 |
| 12 | Distances to molecular clouds at high galactic latitudes based on <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 624, A6. | 5.1 | 39 |
| 13 | Improved selection criteria for H&ii regions, based on IRAS sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3981-3990. | 4.4 | 7 |
| 14 | The Parallax of the Red Hypergiant VX Sgr with Accurate Tropospheric Delay Calibration. <i>Astrophysical Journal</i> , 2018, 859, 14. | 4.5 | 12 |
| 15 | Towards a three-dimensional distribution of the molecular clouds in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2523-2536. | 4.4 | 7 |
| 16 | VLBA Trigonometric Parallax Measurement of the Semi-regular Variable RT Vir. <i>Astrophysical Journal</i> , 2017, 849, 99. | 4.5 | 13 |
| 17 | Is the filamentary dark cloud GF 6 a star forming region? - Stability analysis and infrared properties. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 126. | 1.7 | 0 |
| 18 | FAST VLBI observation and science. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2017, 47, 069501. | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Positioning of spacecraft with VLBI inverse phase reference. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2017, 47, 129502. | 0.4 | 0 |
| 20 | MOLECULAR LINES OF 13 GALACTIC INFRARED BUBBLE REGIONS. <i>Astronomical Journal</i> , 2016, 152, 117. | 4.7 | 11 |
| 21 | The local spiral structure of the Milky Way. <i>Science Advances</i> , 2016, 2, e1600878. | 10.3 | 61 |
| 22 | Water Masers Outburst in the Massive Stellar Cluster W49A. <i>Proceedings of the International Astronomical Union</i> , 2015, 12, 155-156. | 0.0 | 0 |
| 23 | 6.7 GHz methanol maser survey toward GLIMPSE point sources and BGPS 1.1 mm dust clumps. <i>Astronomy and Astrophysics</i> , 2014, 563, A130. | 5.1 | 13 |
| 24 | 12 GHz methanol maser outflow from the massive star-forming region: G35.20â€“0.74. <i>Research in Astronomy and Astrophysics</i> , 2013, 13, 815-826. | 1.7 | 1 |
| 25 | New determination of the position of the pulsar B0329+54 with Chinese VLBI network. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1559-1564. | 5.1 | 3 |
| 26 | An Approach of Tropospheric Correction for VLBI Phase-Referencing using GPS Data. <i>Research in Astronomy and Astrophysics</i> , 2008, 8, 127-132. | 1.1 | 1 |
| 27 | Image Field Deformation of LAMOST due to Differential Atmospheric Refraction. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 495-502. | 1.1 | 2 |
| 28 | Solution of the high-frequency variations of ERP from VLBI observations. <i>Chinese Astronomy and Astrophysics</i> , 2005, 29, 309-317. | 0.3 | 0 |
| 29 | A statistical selection of on-plate sites based on a VLBI global solution. <i>Earth, Planets and Space</i> , 2001, 53, 1111-1119. | 2.5 | 3 |