

# Bo Zhang

## List of Publications by Year in descending order

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29  
papers

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citations

933447

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h-index

888059

17  
g-index

29  
all docs

29  
docs citations

29  
times ranked

777  
citing authors

#	ARTICLE	IF	CITATIONS
1	The local spiral structure of the Milky Way. <i>Science Advances</i> , 2016, 2, e1600878.	10.3	61
2	Comparison of Gaia DR2 Parallaxes of Stars with VLBI Astrometry. <i>Astrophysical Journal</i> , 2019, 875, 114.	4.5	39
3	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
4	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
5	Parallaxes for Star-forming Regions in the Inner Perseus Spiral Arm. <i>Astronomical Journal</i> , 2019, 157, 200.	4.7	20
6	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
7	VLBA Trigonometric Parallax Measurement of the Semi-regular Variable RT Vir. <i>Astrophysical Journal</i> , 2017, 849, 99.	4.5	13
8	The Parallax of the Red Hypergiant VX Sgr with Accurate Tropospheric Delay Calibration. <i>Astrophysical Journal</i> , 2018, 859, 14.	4.5	12
9	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
10	MOLECULAR LINES OF 13 GALACTIC INFRARED BUBBLE REGIONS. <i>Astronomical Journal</i> , 2016, 152, 117.	4.7	11
11	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
12	Improved selection criteria for H&#iil regions, based on IRAS sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3981-3990.	4.4	7
13	A Very Long Baseline Array Trigonometric Parallax for RR Aql and the Mira Period&quot;Luminosity Relation. <i>Astrophysical Journal</i> , 2022, 931, 74.	4.5	7
14	Parallax of Star-forming Region G027.22+0.14. <i>Astronomical Journal</i> , 2022, 163, 54.	4.7	6
15	Trigonometric Parallaxes of Four Star-forming Regions in the Distant Inner Galaxy. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 1.	7.7	5
16	High-mass Star Formation in the nearby Region G352.630-1.067. I. Parallax. <i>Astrophysical Journal</i> , 2019, 871, 198.	4.5	4
17	FAST VLBI: current status and future plans. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 074.	1.7	4
18	Radio properties of the OH megamaser galaxy IRAS 02524+2046. <i>Astronomy and Astrophysics</i> , 2020, 638, A78.	5.1	4

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Image Field Deformation of LAMOST due to Differential Atmospheric Refraction. <i>Research in Astronomy and Astrophysics</i> , 2006, 6, 495-502.	1.1	2
22	The NTSC VLBI System and its application in UT1 measurement. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 093.	1.7	2
23	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
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	FAST VLBI observation and science. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2017, 47, 069501.	0.4	1
26	Solution of the high-frequency variations of ERP from VLBI observations. <i>Chinese Astronomy and Astrophysics</i> , 2005, 29, 309-317.	0.3	0
27	Water Masers Outburst in the Massive Stellar Cluster W49A. <i>Proceedings of the International Astronomical Union</i> , 2015, 12, 155-156.	0.0	0
28	Is the filamentary dark cloud GF 6 a star forming region? â€” Stability analysis and infrared properties. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 126.	1.7	0
29	Positioning of spacecraft with VLBI inverse phase reference. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2017, 47, 129502.	0.4	0