Fengchun Shu

List of Publications by Year
in descending order

20 papers	74 citations	1684188 5 h-index
20 all docs	20 docs citations	20 times ranked

1588992 8 g-index
74 citing authors

#	Article	IF	Citations
1	VLBI Ecliptic Plane Survey: VEPS-1. Astrophysical Journal, Supplement Series, 2017, 230, 13.	7.7	18
2	Relative position determination of a lunar rover using high-accuracy multi-frequency same-beam VLBI. Science China: Physics, Mechanics and Astronomy, 2010, 53, 571-578.	5.1	12
3	Very long baseline interferometry detection of the Galactic black hole binary candidate MAXI J1836â€"194. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 426, L66-L70.	3.3	7
4	VLBI observations to the APOD satellite. Advances in Space Research, 2018, 61, 823-829.	2.6	6
5	J2102+6015: a young radio source at z Â= 4.575. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3736-3744.	4.4	6
6	Accurate relative positioning of Yutu lunar rover using VLBI phase-referencing mapping technology. Chinese Science Bulletin, 2014, 59, 3362-3369.	0.7	5
7	Unprecedented change in the position of four radio sources. Monthly Notices of the Royal Astronomical Society, 2022, 512, 874-883.	4.4	5
8	New determination of the position of the pulsar B0329+54 with Chinese VLBI network. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1559-1564.	5.1	3
9	Interferometry imaging technique for accurate deep-space probe positioning. Advances in Space Research, 2017, 60, 2847-2854.	2.6	3
10	CVN software correlator applications in deep-space exploration. , 2007, 6795, 1001.		2
11	Generation of local phase model of DOR tones for tracking deep space probes. , 2012, , .		2
12	Promoting Earth-Based Radar Astronomical Observations of the Moon. Sensors, 2020, 20, 1874.	3.8	2
13	Mathematic model of the FX correlator of the Chinese VLBI network and its application. , 2001, , .		1
14	Robust 2D fringe search algorithm for radio interferometry of very weak downlink signals of deep space probes. Proceedings of SPIE, 2007, , .	0.8	1
15	VLBI monitoring of two distant quasars as a showcase for 'EVN Lite'. , 2019, , .		1
16	Introduction of promoting Very Long Baseline Interferometry for deep space tracking in China. , 2011, , .		0
17	New method to resolve 2Ï€ ambiguity in NBV. Earth, Planets and Space, 2012, 64, 37-41.	2.5	0
18	Designing Optimal Bandwidth Synthesis Frequency Sequences for VLBI Experiments Conducted Jointly by Chinese Deep Space Stations and VLBI Stations. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Monitoring Radial Tectonic Motions of Continental Borders Around the Atlantic Ocean and Regional Sea Level Changes by Space Geodetic Observations. , 2010, , 145-157.		0
20	VLBI MEASUREMENT OF WEAK SOURCES WITH IMPROVED SENSITIVITY. Publications of the Korean Astronomical Society, 2015, 30, 651-653.	0.0	0