

# Jun-Hui Zhao

## List of Publications by Year in descending order

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19  
papers

704  
citations

687363

13  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Unambiguous Detection of Faraday Rotation in Sagittarius A*. <i>Astrophysical Journal</i> , 2007, 654, L57-L60.	4.5	235
2	DYNAMICS OF IONIZED GAS AT THE GALACTIC CENTER: VERY LARGE ARRAY OBSERVATIONS OF THE THREE-DIMENSIONAL VELOCITY FIELD AND LOCATION OF THE IONIZED STREAMS IN SAGITTARIUS A WEST. <i>Astrophysical Journal</i> , 2009, 699, 186-214.	4.5	100
3	Subsurface emissions from Mercury - VLA radio observations at 2 and 6 centimeters. <i>Astrophysical Journal</i> , 1992, 384, 640.	4.5	50
4	THE HIGH-DENSITY IONIZED GAS IN THE CENTRAL PARSEC OF THE GALAXY. <i>Astrophysical Journal</i> , 2010, 723, 1097-1109.	4.5	49
5	ALMA Detects CO(3 $\hat{e}$ 2) within a Super Star Cluster in NGC 5253. <i>Astrophysical Journal</i> , 2017, 846, 73.	4.5	42
6	Radio Continuum Structure of IRS 13 and Proper Motions of Compact H [CSC]ii/[CSC] Components at the Galactic Center. <i>Astrophysical Journal</i> , 1998, 499, L163-L167.	4.5	36
7	A NEW PERSPECTIVE OF THE RADIO BRIGHT ZONE AT THE GALACTIC CENTER: FEEDBACK FROM NUCLEAR ACTIVITIES. <i>Astrophysical Journal</i> , 2016, 817, 171.	4.5	28
8	VLA Radio Recombination Line Observations of Ionized Gas in the -30 Kilometers per Second Molecular Cloud (G0.04+0.03) near the Galactic Center. I. The Discrete Radio Sources. <i>Astrophysical Journal</i> , 1993, 418, 235.	4.5	27
9	RADIO DETECTION OF A CANDIDATE NEUTRON STAR ASSOCIATED WITH GALACTIC CENTER SUPERNOVA REMNANT SAGITTARIUS A EAST. <i>Astrophysical Journal</i> , 2013, 777, 146.	4.5	26
10	High-resolution VLA images of the Galactic Centre at 2-cm wavelength with large dynamic range. <i>Nature</i> , 1991, 354, 46-48.	27.8	19
11	A Nonthermal Radio Filament Connected to the Galactic Black Hole?. <i>Astrophysical Journal Letters</i> , 2017, 850, L23.	8.3	18
12	Instabilities in astrophysical jets. II - Numerical simulations of slab jets. <i>Astrophysical Journal</i> , 1992, 387, 83.	4.5	14
13	Instabilities in astrophysical jets. I - Linear analysis of body and surface waves. <i>Astrophysical Journal</i> , 1992, 387, 69.	4.5	13
14	A Population of Compact Radio Variables and Transients in the Radio-bright Zone at the Galactic Center Observed with the Jansky Very Large Array. <i>Astrophysical Journal</i> , 2020, 905, 173.	4.5	13
15	ALMA CO(3-2) Observations of Star-forming Filaments in a Gas-poor Dwarf Spheroidal Galaxy. <i>Astrophysical Journal</i> , 2017, 850, 54.	4.5	10
16	G359.97-0.038: A HARD X-RAY FILAMENT ASSOCIATED WITH A SUPERNOVA SHELL-MOLECULAR CLOUD INTERACTION. <i>Astrophysical Journal</i> , 2015, 800, 119.	4.5	9
17	SMA OBSERVATIONS OF THE EXTENDED <sup>12</sup> CO( <i>i</i> ) <sub><i>i</i></sub> = 6 $\hat{e}$ 5) EMISSION IN THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , 2016, 821, 112.	4.5	8
18	Detection of a Dense Group of Hypercompact Radio Sources in the Central Parsec of the Galaxy. <i>Astrophysical Journal Letters</i> , 2022, 927, L6.	8.3	5

#	ARTICLE	IF	CITATIONS
19	A Procedure for Making High Dynamic-range Radio Images: Deep Imaging of the Kiloparsec-scale Radio Structures of a Distant Blazar, NRAO 530, with JVL A Data. <i>Astrophysical Journal</i> , 2019, 875, 134.	4.5	2