

JinLin Han

List of Publications by Year in descending order

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64
papers

2,999
citations

218677

26
h-index

161849

54
g-index

64
all docs

64
docs citations

64
times ranked

2910
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. <i>Astronomical Journal</i> , 2022, 163, 69.	4.7	91
2	Evidence for Strong Intracluster Magnetic Fields in the Early Universe. <i>Astrophysical Journal</i> , 2022, 926, 65.	4.5	7
3	Dynamical state of galaxy clusters evaluated from X-ray images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3013-3021.	4.4	14
4	Clusters of galaxies up to $z = 1.5$ identified from photometric data of the Dark Energy Survey and unWISE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3946-3959.	4.4	7
5	Coherent Curvature Radio Emission and Polarization from Pulsars. <i>Astrophysical Journal</i> , 2021, 911, 152.	4.5	8
6	The FAST Galactic Plane Pulsar Snapshot survey: I. Project design and pulsar discoveries. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 107.	1.7	95
7	The Global Magneto-ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280–1750 MHz. <i>Astronomical Journal</i> , 2021, 162, 35.	4.7	9
8	Erratum – The Global Magneto-ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280–1750 MHz (2021, AJ, 162, 35). <i>Astronomical Journal</i> , 2021, 162, 173.	4.7	0
9	Dynamical state for 964 galaxy clusters from Chandra X-ray images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5485-5497.	4.4	16
10	Magnetism Science with the Square Kilometre Array. <i>Galaxies</i> , 2020, 8, 53.	3.0	41
11	Photometric redshifts for galaxies in the Subaru Hyper Suprime-Cam and unWISE and a catalogue of identified clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1003-1017.	4.4	14
12	Diverse polarization angle swings from a repeating fast radio burst source. <i>Nature</i> , 2020, 586, 693-696.	27.8	109
13	Discovery of a new supernova remnant G21.8+3.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2188-2194.	4.4	6
14	An ultra-wide bandwidth (704 to 4032 MHz) receiver for the Parkes radio telescope. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	113
15	Jiamusi pulsar observations. <i>Astronomy and Astrophysics</i> , 2020, 644, A73.	5.1	21
16	Magnetic fields in the solar vicinity and in the Galactic halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4275-4289.	4.4	26
17	Pulsar Rotation Measures and Large-scale Magnetic Field Reversals in the Galactic Disk. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 11.	7.7	96
18	A sample of 1959 massive galaxy clusters at high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4158-4168.	4.4	18

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19	Jiamusi pulsar observations. <i>Astronomy and Astrophysics</i> , 2018, 618, A186.	5.1	8
20	A catalogue of clusters of galaxies identified from all sky surveys of 2MASS, WISE, and SuperCOSMOS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 343-352.	4.4	33
21	A DETECTION OF BARYON ACOUSTIC OSCILLATIONS FROM THE DISTRIBUTION OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2016, 826, 154.	4.5	17
22	Highly polarized components of integrated pulse profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4416-4426.	4.4	5
23	A newly discovered radio halo in merging cluster MACS J2243.3-0935. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1803-1814.	4.4	12
24	Jiamusi Pulsar Observations: I. Abnormal emission events of PSR B0919+06. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3413-3421.	4.4	17
25	Radio luminosity function of brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3669-3678.	4.4	22
26	THE SCALING RELATIONS AND THE FUNDAMENTAL PLANE FOR RADIO HALOS AND RELICS OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2015, 813, 77.	4.5	32
27	THE EXTREMELY LONG-PERIOD X-RAY SOURCE IN A YOUNG SUPERNOVA REMNANT: A THORNE-Å»YTKOW OBJECT DESCENDANT?. <i>Astrophysical Journal</i> , 2015, 799, 233.	4.5	11
28	Dependence of the bright end of composite galaxy luminosity functions on cluster dynamical states. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2-8.	4.4	17
29	CALIBRATION OF THE OPTICAL MASS PROXY FOR CLUSTERS OF GALAXIES AND AN UPDATE OF THE WHL12 CLUSTER CATALOG. <i>Astrophysical Journal</i> , 2015, 807, 178.	4.5	100
30	On the frequency dependence of pulsar linear polarization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 771-780.	4.4	9
31	Offset between stellar spiral arms and gas arms of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 626-636.	4.4	44
32	Three-dimensional Tomography of the Galactic and Extragalactic Magnetoionic Medium with the SKA. , 2015, , .		5
33	The observed spiral structure of the Milky Way. <i>Astronomy and Astrophysics</i> , 2014, 569, A125.	5.1	183
34	Polarized curvature radiation in pulsar magnetosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1943-1953.	4.4	10
35	A new method to analyse pulsar nulling phenomenon. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 1600-1606.	5.1	6
36	Substructure and dynamical state of 2092 rich clusters of galaxies derived from photometric data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 275-293.	4.4	81

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37	Radio polarization observations of large supernova remnants at $\lambda \approx 6$ cm. Proceedings of the International Astronomical Union, 2013, 9, 202-209.	0.0	1
38	Thermal and non-thermal emission in the Cygnus X region. Astronomy and Astrophysics, 2013, 559, A81.	5.1	12
39	The Sino-German $\lambda \approx 6$ cm polarization survey of the Galactic plane. Proceedings of the International Astronomical Union, 2012, 10, 394-394.	0.0	0
40	Wave propagation in pulsar magnetospheres. Proceedings of the International Astronomical Union, 2012, 8, 540-542.	0.0	0
41	Pulsars as excellent probes for the magnetic structure in our Milky Way. Proceedings of the International Astronomical Union, 2012, 8, 223-228.	0.0	1
42	AXPs & SGRs: Magnetar or Quarcstar?. Proceedings of the International Astronomical Union, 2012, 8, 474-476.	0.0	0
43	A CATALOG OF 132,684 CLUSTERS OF GALAXIES IDENTIFIED FROM SLOAN DIGITAL SKY SURVEY III. Astrophysical Journal, Supplement Series, 2012, 199, 34.	7.7	284
44	Curvature radiation in rotating pulsar magnetosphere. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2464-2475.	4.4	24
45	The Faraday rotation in the pulsar magnetosphere. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1183-1191.	4.4	16
46	Mass function of rich galaxy clusters and its constraint on Ω_b . Monthly Notices of the Royal Astronomical Society, 2010, 407, 533-543.	4.4	42
47	A Sino-German $\lambda \approx 6$ cm polarization survey of the Galactic plane. Astronomy and Astrophysics, 2010, 515, A64.	5.1	52
48	The spiral structure of our Milky Way Galaxy. Astronomy and Astrophysics, 2009, 499, 473-482.	5.1	129
49	Large scale magnetic fields of our Galaxy. Proceedings of the International Astronomical Union, 2009, 5, 450-451.	0.0	0
50	GALAXY CLUSTERS IDENTIFIED FROM THE SDSS DR6 AND THEIR PROPERTIES. Astrophysical Journal, Supplement Series, 2009, 183, 197-213.	7.7	137
51	POLARIZATION OBSERVATIONS OF 100 PULSARS AT 774 MHz BY THE GREEN BANK TELESCOPE. Astrophysical Journal, Supplement Series, 2009, 181, 557-571.	7.7	37
52	GMIMS: the Global Magneto-Ionic Medium Survey. Proceedings of the International Astronomical Union, 2008, 4, 89-90.	0.0	11
53	Observational constraints on models for the interstellar magnetic field in the Galactic disk. Astronomy and Astrophysics, 2008, 486, 819-828.	5.1	53
54	A Sino-German $\lambda \approx 6$ cm polarization survey of the Galactic plane. Astronomy and Astrophysics, 2007, 469, 1003-1004.	5.1	10

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55	Pulsar Rotation Measures and the Large-scale Structure of the Galactic Magnetic Field. <i>Astrophysical Journal</i> , 2006, 642, 868-881.	4.5	309
56	Polarization Observations of Nine Southern Millisecond Pulsars. <i>Astrophysical Journal</i> , 2004, 609, 354-362.	4.5	22
57	The Spatial Energy Spectrum of Magnetic Fields in Our Galaxy. <i>Astrophysical Journal</i> , 2004, 610, 820-826.	4.5	84
58	Counterclockwise Magnetic Fields in the Norma Spiral Arm. <i>Astrophysical Journal</i> , 2002, 570, L17-L20.	4.5	50
59	The shape of pulsar radio beams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, L35-L39.	4.4	38
60	The Fundamental Plane of Spiral Galaxies: Search from Observational Data. <i>Publication of the Astronomical Society of Japan</i> , 2001, 53, 853-860.	2.5	7
61	An Inverse Compton Scattering Model of Pulsar Emission. III. Polarization. <i>Astrophysical Journal</i> , 2000, 535, 354-364.	4.5	39
62	Pulsar rotation measures and the magnetic structure of our Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 371-380.	4.4	196
63	Circular polarization in pulsar integrated profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 373-387.	4.4	85
64	Polarization changes of pulsars due to wave propagation through magnetospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 403, 569-588.	4.4	57