

JinLin Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6833171/publications.pdf>

Version: 2024-02-01

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	Pulsar Rotation Measures and the Large-scale Structure of the Galactic Magnetic Field. <i>Astrophysical Journal</i> , 2006, 642, 868-881.	4.5	309
2	A CATALOG OF 132,684 CLUSTERS OF GALAXIES IDENTIFIED FROM SLOAN DIGITAL SKY SURVEY III. <i>Astrophysical Journal</i> , Supplement Series, 2012, 199, 34.	7.7	284
3	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
4	The observed spiral structure of the Milky Way. <i>Astronomy and Astrophysics</i> , 2014, 569, A125.	5.1	183
5	GALAXY CLUSTERS IDENTIFIED FROM THE SDSS DR6 AND THEIR PROPERTIES. <i>Astrophysical Journal</i> , Supplement Series, 2009, 183, 197-213.	7.7	137
6	The spiral structure of our Milky Way Galaxy. <i>Astronomy and Astrophysics</i> , 2009, 499, 473-482.	5.1	129
7	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
8	Diverse polarization angle swings from a repeating fast radio burst source. <i>Nature</i> , 2020, 586, 693-696.	27.8	109
9	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
10	Pulsar Rotation Measures and Large-scale Magnetic Field Reversals in the Galactic Disk. <i>Astrophysical Journal</i> , Supplement Series, 2018, 234, 11.	7.7	96
11	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
12	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
13	Circular polarization in pulsar integrated profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 373-387.	4.4	85
14	The Spatial Energy Spectrum of Magnetic Fields in Our Galaxy. <i>Astrophysical Journal</i> , 2004, 610, 820-826.	4.5	84
15	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
16	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
17	Observational constraints on models for the interstellar magnetic field in the Galactic disk. <i>Astronomy and Astrophysics</i> , 2008, 486, 819-828.	5.1	53
18	A Sino-German 6 cm polarization survey of the Galactic plane. <i>Astronomy and Astrophysics</i> , 2010, 515, A64.	5.1	52

#	ARTICLE	IF	CITATIONS
19	Counterclockwise Magnetic Fields in the Norma Spiral Arm. <i>Astrophysical Journal</i> , 2002, 570, L17-L20.	4.5	50
20	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
21	Mass function of rich galaxy clusters and its constraint on Ω_8 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 533-543.	4.4	42
22	Magnetism Science with the Square Kilometre Array. <i>Galaxies</i> , 2020, 8, 53.	3.0	41
23	An Inverse Compton Scattering Model of Pulsar Emission. III. Polarization. <i>Astrophysical Journal</i> , 2000, 535, 354-364.	4.5	39
24	The shape of pulsar radio beams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, L35-L39.	4.4	38
25	POLARIZATION OBSERVATIONS OF 100 PULSARS AT 774 MHz BY THE GREEN BANK TELESCOPE. <i>Astrophysical Journal, Supplement Series</i> , 2009, 181, 557-571.	7.7	37
26	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
27	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
28	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
29	Curvature radiation in rotating pulsar magnetosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2464-2475.	4.4	24
30	Polarization Observations of Nine Southern Millisecond Pulsars. <i>Astrophysical Journal</i> , 2004, 609, 354-362.	4.5	22
31	Radio luminosity function of brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3669-3678.	4.4	22
32	Jiamusi pulsar observations. <i>Astronomy and Astrophysics</i> , 2020, 644, A73.	5.1	21
33	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
34	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
35	A DETECTION OF BARYON ACOUSTIC OSCILLATIONS FROM THE DISTRIBUTION OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2016, 826, 154.	4.5	17
36	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

#	ARTICLE	IF	CITATIONS
37	The Faraday rotation in the pulsar magnetosphere. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1183-1191.	4.4	16
38	Dynamical state for 964 galaxy clusters from Chandra X-ray images. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5485-5497.	4.4	16
39	Photometric redshifts for galaxies in the Subaru Hyper Suprime-Cam and unWISE and a catalogue of identified clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1003-1017.	4.4	14
40	Dynamical state of galaxy clusters evaluated from X-ray images. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3013-3021.	4.4	14
41	Thermal and non-thermal emission in the Cygnus X region. Astronomy and Astrophysics, 2013, 559, A81.	5.1	12
42	A newly discovered radio halo in merging cluster MACS J2243.3-0935. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1803-1814.	4.4	12
43	GMIMS: the Global Magneto-Ionic Medium Survey. Proceedings of the International Astronomical Union, 2008, 4, 89-90.	0.0	11
44	THE EXTREMELY LONG-PERIOD X-RAY SOURCE IN A YOUNG SUPERNOVA REMNANT: A THORNE-ÅYTKOW OBJECT DESCENDANT?. Astrophysical Journal, 2015, 799, 233.	4.5	11
45	A Sino-German \hat{v} 6 \hat{A} cm polarization survey of the Galactic plane. Astronomy and Astrophysics, 2007, 469, 1003-1004.	5.1	10
46	Polarized curvature radiation in pulsar magnetosphere. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1943-1953.	4.4	10
47	On the frequency dependence of pulsar linear polarization. Monthly Notices of the Royal Astronomical Society, 2015, 448, 771-780.	4.4	9
48	The Global Magneto-ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280 \hat{A} 1750 MHz. Astronomical Journal, 2021, 162, 35.	4.7	9
49	Jiamusi pulsar observations. Astronomy and Astrophysics, 2018, 618, A186.	5.1	8
50	Coherent Curvature Radio Emission and Polarization from Pulsars. Astrophysical Journal, 2021, 911, 152.	4.5	8
51	The Fundamental Plane of Spiral Galaxies: Search from Observational Data. Publication of the Astronomical Society of Japan, 2001, 53, 853-860.	2.5	7
52	Evidence for Strong Intracluster Magnetic Fields in the Early Universe. Astrophysical Journal, 2022, 926, 65.	4.5	7
53	Clusters of galaxies up to $\langle i \rangle z \langle /i \rangle = 1.5$ identified from photometric data of the Dark Energy Survey and unWISE. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3946-3959.	4.4	7
54	A new method to analyse pulsar nulling phenomenon. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1600-1606.	5.1	6

#	ARTICLE	IF	CITATIONS
55	Discovery of a new supernova remnant G21.8+3.0. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2188-2194.	4.4	6
56	Highly polarized components of integrated pulse profiles. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4416-4426.	4.4	5
57	Three-dimensional Tomography of the Galactic and Extragalactic Magnetoionic Medium with the SKA. , 2015, , .		5
58	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
59	Radio polarization observations of large supernova remnants at $\lambda \gg 6$ cm. Proceedings of the International Astronomical Union, 2013, 9, 202-209.	0.0	1
60	Large scale magnetic fields of our Galaxy. Proceedings of the International Astronomical Union, 2009, 5, 450-451.	0.0	0
61	The Sino-German $\lambda \gg 6$ cm polarization survey of the Galactic plane. Proceedings of the International Astronomical Union, 2012, 10, 394-394.	0.0	0
62	Wave propagation in pulsar magnetospheres. Proceedings of the International Astronomical Union, 2012, 8, 540-542.	0.0	0
63	AXPs & SGRs: Magnetar or Quarcstar?. Proceedings of the International Astronomical Union, 2012, 8, 474-476.	0.0	0
64	Erratum "The Global Magneto-Ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280–1750 MHz" (2021, AJ, 162, 35). Astronomical Journal, 2021, 162, 173.	4.7	0