

# Jie-Shuang Wang

## List of Publications by Year in descending order

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34  
papers

1,337  
citations

471509

17  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\gamma$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
2	Quasi-periodic Oscillations of the X-Ray Burst from the Magnetar SGR J1935+2154 and Associated with the Fast Radio Burst FRB 200428. Astrophysical Journal, 2022, 931, 56.	4.5	15
3	Observation of the Crab Nebula with LHAASO-KM2A $\gamma$ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
4	Particle acceleration in shearing flows: the case for large-scale jets. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1334-1341.	4.4	9
5	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\gamma$ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
6	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR J0622+3749 Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
7	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
8	Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
9	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. Astrophysical Journal Letters, 2021, 917, L4.	8.3	21
10	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
11	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
12	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
13	Lensing by primordial black holes: Constraints from gravitational wave observations. Physical Review D, 2021, 104, .	4.7	8
14	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.8	1
15	Electromagnetic Precursors of Short Gamma-Ray Bursts as Counterparts of Gravitational Waves. Galaxies, 2021, 9, 104.	3.0	4
16	Evolution of inspiralling neutron star binaries: Effects of tidal interactions and orbital eccentricities. Physical Review D, 2020, 102, .	4.7	7
17	Fast Radio Burst Counterparts and Their Implications for the Central Engine. Astrophysical Journal, 2020, 892, 135.	4.5	16
18	The braking index of PSR B0540+69 and the associated pulsar wind nebula emission after spin-down rate transition. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1865-1870.	4.4	7

#	ARTICLE	IF	CITATIONS
19	Physical Implications of the Subthreshold GRB GBM-190816 and Its Associated Subthreshold Gravitational-wave Event. <i>Astrophysical Journal</i> , 2020, 899, 60.	4.5	11
20	The Radio/X-Ray Burst from SGR 1935+2154: Radiation Mechanisms and the Possible QPOs. <i>Astrophysical Journal</i> , 2020, 900, 172.	4.5	14
21	Revisiting the Distance, Environment, and Supernova Properties of SNR G57.2+0.8 that Hosts SGR 1935+2154. <i>Astrophysical Journal</i> , 2020, 905, 99.	4.5	41
22	Stringent Search for Precursor Emission in Short GRBs from Fermi/GBM Data and Physical Implications. <i>Astrophysical Journal Letters</i> , 2020, 902, L42.	8.3	15
23	High-energy counterpart for fast radio bursts. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2020, 50, 129503.	0.4	0
24	Pre-merger Electromagnetic Counterparts of Binary Compact Stars. <i>Astrophysical Journal</i> , 2018, 868, 19.	4.5	34
25	Analytical treatment for the development of electromagnetic cascades in intense magnetic fields. <i>Physical Review D</i> , 2018, 97, .	4.7	3
26	Radio Emission from Pulsar Wind Nebulae without Surrounding Supernova Ejecta: Application to FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 838, L7.	8.3	43
27	Evolution of newborn rapidly rotating magnetars: Effects of $R$ -mode and fall-back accretion. <i>Astronomy and Astrophysics</i> , 2017, 603, A9.	5.1	5
28	Measuring dark energy with the $E_{\text{iso}}$ - $E_{\text{p}}$ correlation of gamma-ray bursts using model-independent methods. <i>Astronomy and Astrophysics</i> , 2016, 585, A68.	5.1	63
29	TESTS OF THE EINSTEIN EQUIVALENCE PRINCIPLE USING TeV BLAZARS. <i>Astrophysical Journal Letters</i> , 2016, 818, L2.	8.3	40
30	REPEATING FAST RADIO BURSTS FROM HIGHLY MAGNETIZED PULSARS TRAVELING THROUGH ASTEROID BELTS. <i>Astrophysical Journal</i> , 2016, 829, 27.	4.5	139
31	FAST RADIO BURSTS FROM THE INSPIRAL OF DOUBLE NEUTRON STARS. <i>Astrophysical Journal Letters</i> , 2016, 822, L7.	8.3	153
32	THE MOST LUMINOUS SUPERNOVA ASASSN-15LH: SIGNATURE OF A NEWBORN RAPIDLY ROTATING STRANGE QUARK STAR. <i>Astrophysical Journal</i> , 2016, 817, 132.	4.5	58
33	Cosmological model of the interaction between dark matter and dark energy. <i>Astronomy and Astrophysics</i> , 2014, 564, A137.	5.1	23
34	Probing the anisotropic expansion from supernovae and GRBs in a model-independent way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1680-1687.	4.4	53