

Jin-Jun Geng

List of Publications by Year in descending order

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41
papers

830
citations

471509

17
h-index

526287

27
g-index

42
all docs

42
docs citations

42
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodic Repeating Fast Radio Bursts: Interaction between a Magnetized Neutron Star and Its Planet in an Eccentric Orbit. <i>Astrophysical Journal</i> , 2022, 928, 94.	4.5	5
2	A semi-analytical solution to the forwardâ€“reverse shock hydrodynamics of the gamma-ray burst afterglow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4887-4898.	4.4	2
3	Searching for strange quark matter objects among white dwarfs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 832, 137204.	4.1	7
4	Self-organized criticality in multi-pulse gamma-ray bursts. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	11
5	A comparison between repeating bursts of FRB 121102 and giant pulses from Crab pulsar and its applications. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	13
6	X-Ray Plateaus in Gamma-Ray Burst Afterglows and Their Application in Cosmology. <i>Astrophysical Journal</i> , 2021, 920, 135.	4.5	20
7	The photosphere emission spectrum of hybrid relativistic outflow for gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 6047-6058.	4.4	13
8	Is the birth of PSR J0538+2817 accompanied by a gamma-ray burst?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4916-4922.	4.4	10
9	Tidal deformability of strange quark planets and strange dwarfs. <i>Physical Review D</i> , 2021, 104, .	4.7	6
10	Close-in Exoplanets as Candidates for Strange Quark Matter Objects. <i>Astrophysical Journal</i> , 2020, 890, 41.	4.5	12
11	FRB 200428: An Impact between an Asteroid and a Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 898, L55.	8.3	20
12	â€œDouble-trackingâ€“Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. <i>Astrophysical Journal</i> , 2019, 884, 109.	4.5	26
13	Statistical Study of Gamma-Ray Bursts with a Plateau Phase in the X-Ray Afterglow. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 1.	7.7	50
14	Late-time Afterglow from Double-sided Structured Jets: Application to GRB 170817A. <i>Astrophysical Journal</i> , 2019, 880, 39.	4.5	8
15	CW emission from merging strange quark star-strange quark planet systems. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
16	Inverse Compton Scattering Spectra of Gamma-Ray Burst Prompt Emission. <i>Astrophysical Journal</i> , 2019, 877, 89.	4.5	6
17	Propagation of a Short GRB Jet in the Ejecta: Jet Launching Delay Time, Jet Structure, and GW170817/GRB 170817A. <i>Astrophysical Journal Letters</i> , 2019, 877, L40.	8.3	39
18	Polarization with a Three-dimensional Mixed Magnetic Field and Its Application to GRB 170817A. <i>Astrophysical Journal</i> , 2019, 870, 96.	4.5	7

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19	Statistical properties of the repeating fast radio burst source FRB 121102. <i>International Journal of Astronomy and Astrophysics (IJAA)</i> , 2019, 1, 22-32.	0.3	7
20	Low-energy Spectra of Gamma-Ray Bursts from Cooling Electrons. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 3.	7.7	49
21	Brightening X-Ray/Optical/Radio Emission of GW170817/SGRB 170817A: Evidence for an Electron-Positron Wind from the Central Engine?. <i>Astrophysical Journal Letters</i> , 2018, 856, L33.	8.3	29
22	Constraints on the hybrid equation of state with a crossover hadron-quark phase transition in the light of GW170817. <i>Physical Review D</i> , 2018, 98, .	4.7	31
23	The Origin of the Prompt Emission for Short GRB 170817A: Photosphere Emission or Synchrotron Emission?. <i>Astrophysical Journal</i> , 2018, 860, 72.	4.5	41
24	Continued Brightening of the Afterglow of GW170817/GRB 170817A as Being Due to a Delayed Energy Injection. <i>Astrophysical Journal Letters</i> , 2018, 859, L3.	8.3	10
25	Probing Magnetic Fields of GRB X-Ray Flares with Polarization Observations. <i>Astrophysical Journal</i> , 2018, 862, 115.	4.5	8
26	Fast Radio Bursts from the Collapse of Strange Star Crusts. <i>Astrophysical Journal</i> , 2018, 858, 88.	4.5	16
27	A model of fast radio bursts: collisions between episodic magnetic blobs. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 061.	1.7	18
28	Steep Decay of GRB X-Ray Flares: The Results of Anisotropic Synchrotron Radiation. <i>Astrophysical Journal Letters</i> , 2017, 841, L15.	8.3	13
29	PROPAGATION OF RELATIVISTIC, HYDRODYNAMIC, INTERMITTENT JETS IN A ROTATING, COLLAPSING GRB PROGENITOR STAR. <i>Astrophysical Journal</i> , 2016, 833, 116.	4.5	6
30	Diverse Features of the Multiwavelength Afterglows of Gamma-Ray Bursts: Natural or Special?. <i>Advances in Astronomy</i> , 2016, 2016, 1-10.	1.1	5
31	A MODEL OF WHITE DWARF PULSAR AR SCORPII. <i>Astrophysical Journal Letters</i> , 2016, 831, L10.	8.3	37
32	IMPRINTS OF ELECTRON-POSITRON WINDS ON THE MULTIWAVELENGTH AFTERGLOWS OF GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2016, 825, 107.	4.5	28
33	A CORRELATED STUDY OF OPTICAL AND X-RAY AFTERGLOWS OF GRBs. <i>Astrophysical Journal</i> , 2015, 805, 13.	4.5	31
34	COALESCENCE OF STRANGE-QUARK PLANETS WITH STRANGE STARS: A NEW KIND OF SOURCE FOR GRAVITATIONAL WAVE BURSTS. <i>Astrophysical Journal</i> , 2015, 804, 21.	4.5	27
35	SIGNATURE OF A SPIN-UP MAGNETAR FROM MULTI-BAND AFTERGLOW REBRIGHTENING OF GRB 100814A. <i>Astrophysical Journal</i> , 2015, 805, 88.	4.5	7
36	FAST RADIO BURSTS: COLLISIONS BETWEEN NEUTRON STARS AND ASTEROIDS/COMETS. <i>Astrophysical Journal</i> , 2015, 809, 24.	4.5	98

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37	THE ORIGIN OF THE PLATEAU AND LATE REBRIGHTENING IN THE AFTERGLOW OF GRB 120326A. <i>Astrophysical Journal</i> , 2014, 785, 113.	4.5	17
38	REVISITING THE EMISSION FROM RELATIVISTIC BLAST WAVES IN A DENSITY-JUMP MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 31.	4.5	21
39	ANTI-GLITCH INDUCED BY COLLISION OF A SOLID BODY WITH THE MAGNETAR 1E 2259+586. <i>Astrophysical Journal Letters</i> , 2014, 782, L20.	8.3	30
40	DELAYED ENERGY INJECTION MODEL FOR GAMMA-RAY BURST AFTERGLOWS. <i>Astrophysical Journal</i> , 2013, 779, 28.	4.5	24
41	ON THE CORRELATION OF LOW-ENERGY SPECTRAL INDICES AND REDSHIFTS OF GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 764, 75.	4.5	18