Ren-Xin Xu

List of Publications by Year
in descending order

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206	3,949	147801	168389
papers	citations	31 h-index	53 g-index

208	208	208	2725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	Detection of 107 glitches in 36 southern pulsars. Monthly Notices of the Royal Astronomical Society, 2013, 429, 688-724.	4.4	160
3	Solid Quark Stars?. Astrophysical Journal, 2003, 596, L59-L62.	4.5	158
4	Diverse polarization angle swings from a repeating fast radio burst source. Nature, 2020, 586, 693-696.	27.8	109
5	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
6	No pulsed radio emission during a bursting phase of a Galactic magnetar. Nature, 2020, 587, 63-65.	27.8	101
7	PSR 0943+10: A Bare Strange Star?. Astrophysical Journal, 1999, 522, L109-L112.	4.5	93
8	Circular polarization in pulsar integrated profiles. Monthly Notices of the Royal Astronomical Society, 1998, 300, 373-387.	4.4	85
9	Dense matter with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	81
10	Pulsar Braking Index: A Test of Emission Models?. Astrophysical Journal, 2001, 561, L85-L88.	4.5	77
11	Lennard-Jones quark matter and massive quark stars. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 398, L31-L35.	3.3	74
12	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mml:m Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
13	Too massive neutron stars: The role of dark matter?. Astroparticle Physics, 2012, 37, 70-74.	4.3	70
14	The Inner Annular Gap for Pulsar Radiation: -Ray and Radio Emission. Astrophysical Journal, 2004, 606, L49-L52.	4.5	69
15	A Thermal Featureless Spectrum: Evidence for Bare Strange Stars?. Astrophysical Journal, 2002, 570, L65-L68.	4.5	65
16	On the Timeâ€“Frequency Downward Drifting of Repeating Fast Radio Bursts. Astrophysical Journal Letters, 2019, 876, L15.	8.3	61
17	WIND BRAKING OF MAGNETARS. Astrophysical Journal, 2013, 768, 144.	4.5	58
18	1E 1207.4-5209: a low-mass bare strange star?. Monthly Notices of the Royal Astronomical Society, 2005, 356, 359-370.	4.4	54

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19	FRB 121102: A Starquake-induced Repeater?. Astrophysical Journal, 2018, 852, 140.	4.5	54
20	Re-detection and a possible time variation of soft X-ray polarization from the Crab. Nature Astronomy, 2020, 4, 511-516.	10.1	51
21	What if pulsars are born as strange stars?. Astroparticle Physics, 2001, 15, 101-120.	4.3	50
22	The superflares of soft Â-ray repeaters: giant quakes in solid quark stars?. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 373, L85-L89.	3.3	50
23	A polytropic model of quark stars. Astroparticle Physics, 2009, 31, 128-134.	4.3	50
24	A Model for the Challenging "Bi-drifting" Phenomenon in PSR J0815+09. Astrophysical Journal, 2004, 616, L127-L130.	4.5	46
25	Two types of glitches in a solid quark star model. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2705-2710.	4.4	40
26	An Inverse Compton Scattering Model of Pulsar Emission. III. Polarization. Astrophysical Journal, 2000, 535, 354-364.	4.5	39
27	Is PSR B0943+10 a Low-Mass Quark Star?. Astrophysical Journal, 2006, 649, L95-L98.	4.5	36
28	Magnetospheric Curvature Radiation by Bunches as Emission Mechanism for Repeating Fast Radio Bursts. Astrophysical Journal, 2022, 927, 105.	4.5	36
29	AXPs/SGRs: Magnetars or quark-stars?. Advances in Space Research, 2007, 40, 1453-1459.	2.6	33
30	The braking indices in pulsar emission models. Astronomy and Astrophysics, 2003, 409, 641-645.	5.1	32
31	The annular gap model for Î³-ray emission from young and millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2671-2677.	4.4	32
32	The role of FAST in pulsar timing arrays. Research in Astronomy and Astrophysics, 2019, 19, 020.	1.7	32
33	Merging strangeon stars. Research in Astronomy and Astrophysics, 2018, 18, 024.	1.7	31
34	On the Magnetospheric Origin of Repeating Fast Radio Bursts. Astrophysical Journal, 2020, 899, 109.	4.5	31
35	Strangeons constitute bulk strong matter: Test using GW 170817. European Physical Journal A, 2019, 55, 1.	2.5	30
36	Nature and Nurture: a Model for Soft Gamma-Ray Repeaters. Astrophysical Journal, 2000, 545, L127-L130.	4.5	30

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37	A note on the discovery of a 2M_{âŠ™}pulsar. Research in Astronomy and Astrophysics, 2011, 11, 687-691.	1.7	29
38	STRUCTURES OF THE VELA PULSAR AND THE GLITCH CRISIS FROM THE BRUECKNER THEORY. Astrophysical Journal, Supplement Series, 2016, 223, 16.	7.7	29
39	Measuring neutron star mass and radius with three mass-radius relations. Monthly Notices of the Royal Astronomical Society, 2007, 374, 232-236.	4.4	28
40	The Birth of Quark Stars: Photon-driven Supernovae?. Astrophysical Journal, 2007, 668, L55-L58.	4.5	27
41	The formation of submillisecond pulsars and the possibility of detection. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1587-1596.	4.4	27
42	The Optical/UV Excess of X-Ray-dim Isolated Neutron Stars. I. Bremsstrahlung Emission from a Strangeon Star Atmosphere. Astrophysical Journal, 2017, 837, 81.	4.5	27
43	An in-depth investigation of 11 pulsars discovered by FAST. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3515-3530.	4.4	26
44	ROTATIONAL EVOLUTION OF MAGNETARS IN THE PRESENCE OF A FALLBACK DISK. Astrophysical Journal, 2016, 833, 265.	4.5	24
45	`Bare' Strange Stars Might Not Be Bare. Chinese Physics Letters, 1998, 15, 934-936.	3.3	23
46	AN ULTRA-LOW-MASS AND SMALL-RADIUS COMPACT OBJECT IN 4U 1746-37?. Astrophysical Journal, 2015, 798, 56.	4.5	23
47	The radiation structure of PSR B2016+28 observed with FAST. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	23
48	What Can the Redshift Observed in EXO 0748â€“676 Tell Us?. Research in Astronomy and Astrophysics, 2003, 3, 33-37.	1.1	22
49	Pulsar slow glitches in a solid quark star model. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1034-1038.	4.4	22
50	Strange stars with different quark mass scalings. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2715-2719.	4.4	22
51	H-cluster stars. Monthly Notices of the Royal Astronomical Society, 2013, 431, 3282-3290.	4.4	22
52	An Annular Gap Acceleration Model for Î³-ray Emission of Pulsars. Research in Astronomy and Astrophysics, 2007, 7, 496-502.	1.1	21
53	MAGNETARS: FACT OR FICTION?. International Journal of Modern Physics E, 2011, 20, 15-24.	1.0	21
54	SGR 0418+5729: A SMALL INCLINATION ANGLE RESULTING IN A NOT SO LOW DIPOLE MAGNETIC FIELD?. Astrophysical Journal Letters, 2012, 757, L10.	8.3	21

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55	The X-Ray Light Curve in GRB 170714A: Evidence for a Quark Star?. Astrophysical Journal, 2018, 854, 104.	4.5	20
56	The birth of strange stars and their dynamo-originated magnetic fields. Astronomy and Astrophysics, 2001, 371, 963-972.	5.1	19
57	Strange quark stars: observations and speculations. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064010.	3.6	19
58	Pulsar glitches in a strangeon star model. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3303-3309.	4.4	19
59	An accretion disk model for periodic timing variations of pulsars. Astronomy and Astrophysics, 2003, 407, L25-L28.	5.1	19
60	Probing the neutron star interior and the Equation of State of cold dense matter with the SKA. , 2015, , .		19
61	Exploring Lorentz Invariance Violation from Ultrahigh-Energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
62	GCRT J1745−3009: a precessing radio pulsar?. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 365, L16-L20.	3.3	18
63	Observational constraints on the radio and Î³-ray emission regions of PSR B1055â˜52. Monthly Notices of the Royal Astronomical Society, 2006, 366, 945-952.	4.4	18
64	Transport properties of a quark-hadron Coulomb lattice in the cores of neutron stars. Physical Review D, 2012, 86, .	4.7	18
65	PULSAR WIND MODEL FOR THE SPIN-DOWN BEHAVIOR OF INTERMITTENT PULSARS. Astrophysical Journal, 2014, 788, 16.	4.5	18
66	OSCILLATION-DRIVEN MAGNETOSPHERIC ACTIVITY IN PULSARS. Astrophysical Journal, 2015, 799, 152.	4.5	18
67	Differentially rotating strange star in general relativity. Physical Review D, 2019, 100, .	4.7	18
68	Piggyback search for fast radio bursts using Nanshan 26â€‰m and Kunming 40â€‰m radio telescopes â€“ I. Observing and data analysis systems, discovery of a mysterious peryton. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3957-3971.	4.4	18
69	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
70	Braking PSR J1734â€“3333 with a possible fall-back disk. Research in Astronomy and Astrophysics, 2014, 14, 85-92.	1.7	17
71	Physics and astrophysics of strong magnetic field systems with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	17
72	To probe into pulsarâ€™s interior through gravitational waves. Astroparticle Physics, 2006, 25, 212-219.	4.3	16

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73	X-ray flares of Î³-ray bursts: Quakes of solid quark stars?. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 315-320.	0.2	16
74	The plateau of gamma-ray burst: hint for the solidification of quark matter?. Science China: Physics, Mechanics and Astronomy, 2011, 54, 1541-1545.	5.1	16
75	Absorption features caused by oscillations of electrons on the surface of a quark star. Physical Review D, 2012, 85, .	4.7	16
76	A corresponding-state approach to quark-cluster matter. Chinese Physics C, 2014, 38, 055101.	3.7	16
77	Triaxially deformed freely precessing neutron stars: continuous electromagnetic and gravitational radiation. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1826-1838.	4.4	16
78	Electric Character of Strange Stars. Chinese Physics Letters, 1999, 16, 778-780.	3.3	14
79	NON-DETECTION IN A FERMI /LAT OBSERVATION OF AXP 4U 0142+61: MAGNETARS?. Astrophysical Journal Letters, 2010, 725, L196-L199.	8.3	14
80	Magnetospheric activity of bare strange quark stars. Monthly Notices of the Royal Astronomical Society, 2011, 414, 489-494.	4.4	14
81	Investigating the multifrequency pulse profiles of PSRs B0329+54 and B1642â€“03 in an inverse Compton scattering model. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4389-4398.	4.4	14
82	Strong matter: Rethinking philosophically. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	14
83	Advancing pulsar science with the FAST. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	14
84	Can the Age Discrepancies of Neutron Stars Be Circumvented by an Accretion-assisted Torque?. Astrophysical Journal, 2003, 596, L75-L78.	4.5	13
85	Resonant cyclotron scattering in pulsar magnetospheres and its application to isolated neutron stars. Research in Astronomy and Astrophysics, 2010, 10, 553-568.	1.7	13
86	ANOMALOUS X-RAY PULSARS AND SOFT GAMMA-RAY REPEATERS IN THE OUTER GAP MODEL: CONFRONTINGFERMIOBSERVATIONS. Astrophysical Journal, 2011, 738, 31.	4.5	13
87	Rotation and deformation of strangeon stars in the Lennard-Jones model. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	13
88	Toward an understanding of thermal X-ray emission of pulsars. Astroparticle Physics, 2011, 34, 493-502.	4.3	12
89	The timing behavior of magnetar Swift J1822.3â€“1606: timing noise or a decreasing period derivative?. Research in Astronomy and Astrophysics, 2013, 13, 1207-1212.	1.7	12
90	Uniformly rotating, axisymmetric, and triaxial quark stars in general relativity. Physical Review D, 2018, 97, .	4.7	12

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91	Pulsar glitches in a strangeon star model. II. The activity. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5336-5349.	4.4	12
92	THE EXTREMELY LONG-PERIOD X-RAY SOURCE IN A YOUNG SUPERNOVA REMNANT: A THORNE-Å»YTKOW OBJECT DESCENDANT?. Astrophysical Journal, 2015, 799, 233.	4.5	11
93	MULTI-FREQUENCY RADIO PROFILES OF PSR B1133+16: RADIATION LOCATION AND PARTICLE ENERGY. Astrophysical Journal, 2016, 816, 76.	4.5	11
94	Rotational Evolution of the Slowest Radio Pulsar, PSR J0250+5854. Astrophysical Journal, 2019, 876, 131.	4.5	11
95	ASTRO-QUARK MATTER: A CHALLENGE FACING ASTROPARTICLE PHYSICS. Modern Physics Letters A, 2008, 23, 1629-1642.	1.2	10
96	TESTING PULSAR RADIATION MODELS USING AN Î±-WEAK-DEPENDENT ALTITUDE RATIO. Astrophysical Journal, 2009, 703, 507-516.	4.5	10
97	LAMP: a micro-satellite based soft x-ray polarimeter for astrophysics. Proceedings of SPIE, 2015, , .	0.8	10
98	The Identification of the White Dwarf Companion to the Millisecond Pulsar J2317+1439. Astrophysical Journal, 2017, 842, 105.	4.5	10
99	Stable Up-Down Quark Matter Nuggets, Quark Star Crusts, and a New Family of White Dwarfs. Galaxies, 2021, 9, 70.	3.0	10
100	Propagation of strangelets in the Earth's atmosphere. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 597-605.	3.6	9
101	Supernova neutrinos in a strangeon star model. Research in Astronomy and Astrophysics, 2017, 17, 092.	1.7	9
102	Coherent Radio Emission from a Twisted Magnetosphere after a Magnetar-quake. Astrophysical Journal, 2019, 875, 84.	4.5	9
103	Supercritically charged objects and electron-positron pair creation. Physical Review D, 2020, 101, .	4.7	9
104	Effect of the symmetry energy on the secondary component of GW190814 as a neutron star. Physical Review C, 2021, 104, .	2.9	9
105	Pulsar kicks andÎ³-ray burst. Astronomy and Astrophysics, 2007, 472, 1-3.	5.1	9
106	On the Circular Polarization of Repeating Fast Radio Bursts. Astrophysical Journal, 2021, 920, 46.	4.5	9
107	A bag model of matter condensed by the strong interaction. International Journal of Modern Physics E, 2022, 31, .	1.0	9
108	Current Flows in Pulsar Magnetospheres. Research in Astronomy and Astrophysics, 2006, 6, 217-226.	1.1	8

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109	A solution to the puzzling symbiotic X-ray system 4U 1700+24. Research in Astronomy and Astrophysics, 2014, 14, 617-624.	1.7	8
110	GRAVITATIONAL MICROLENSING BY NEUTRON STARS AND RADIO PULSARS: EVENT RATES, TIMESCALE DISTRIBUTIONS, AND MASS MEASUREMENTS. Astrophysical Journal, 2015, 802, 120.	4.5	8
111	Evidence for the Photoionization Absorption Edge in a Photospheric Radius Expansion X-Ray Burst from GRS 1747â€“312 in Terzan 6. Astrophysical Journal, 2018, 866, 53.	4.5	8
112	Constraining mechanism associated with fast radio burst and glitch from SGR J1935. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2208-2219.	4.4	8
113	On the geometry and environment of repeating FRBs. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4678-4684.	4.4	8
114	Merging strangeon stars II: the ejecta and light curves. Research in Astronomy and Astrophysics, 2021, 21, 250.	1.7	8
115	How Fast Could a Proto-pulsar Rotate?. Research in Astronomy and Astrophysics, 2002, 2, 533-538.	1.1	7
116	CONSTRAINT ON THE PARAMETERS OF THE INVERSE COMPTON SCATTERING MODEL FOR RADIO PULSARS. Astrophysical Journal, 2011, 741, 2.	4.5	7
117	Simultaneous Constraints on the Mass and Radius of Aql Xâ€“1 from Quiescence and X-Ray Burst Observations. Astrophysical Journal, 2017, 845, 8.	4.5	7
118	Pulsar giant pulse: Coherent instability near light cylinder. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	7
119	On the magnetoionic environments of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 499, 355-361.	4.4	7
120	More Emission Cones: Multi-frequency Simulation of the Pulse Profiles of PSR J0437-4715. Research in Astronomy and Astrophysics, 2002, 2, 361-368.	1.1	6
121	Astrophysical Quark Matter. Research in Astronomy and Astrophysics, 2005, 5, 353-358.	1.1	6
122	PSR B1828â€“11: a precession pulsar torqued by a quark planet?. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 381, L1-L5.	3.3	6
123	SWIFTJ1749.4â€“2807: A neutron or quark star?. Research in Astronomy and Astrophysics, 2010, 10, 815-820.	1.7	6
124	Spindown of magnetars: quantum vacuum friction?. Research in Astronomy and Astrophysics, 2016, 16, 009.	1.7	6
125	How can FAST improve study of the pulsar emission mechanism and magnetospheric dynamics?. Research in Astronomy and Astrophysics, 2019, 19, 021.	1.7	6
126	FRB 171019: an event of binary neutron star merger?. Research in Astronomy and Astrophysics, 2020, 20, 056.	1.7	6

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127	What if the neutron star maximum mass is beyond âˆ¼2.3â€‰MâŠ™?. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4526-4533.	4.4	6
128	The surface electric field of bare strange stars. Astronomy and Astrophysics, 2002, 387, 710-713.	5.1	5
129	Pulsars and Quark Stars. Research in Astronomy and Astrophysics, 2006, 6, 279-286.	1.1	5
130	Possible evidence that pulsars are quark stars. AIP Conference Proceedings, 2008, , .	0.4	5
131	Towards the properties of long gamma-ray burst progenitors withSwiftdata. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1465-1474.	4.4	5
132	Low bounds for pulsar Î³-ray radiation altitudes. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	5
133	Particle Emission-Dependent Timing Noise of Pulsars. Chinese Physics Letters, 2011, 28, 019701.	3.3	5
134	RADIATIVE ACTIVITY OF MAGNETIC WHITE DWARF UNDERGOING LORENTZ-FORCE-DRIVEN TORSIONAL VIBRATIONS. Modern Physics Letters A, 2011, 26, 359-366.	1.2	5
135	PULSARS: GIGANTIC NUCLEI. International Journal of Modern Physics E, 2011, 20, 149-157.	1.0	5
136	Revisiting the boiling of primordial quark nuggets at nonzero chemical potential. Astroparticle Physics, 2015, 62, 115-121.	4.3	5
137	Small glitches: the role of strange nuggets?. Research in Astronomy and Astrophysics, 2016, 16, 010.	1.7	5
138	Strange Matter: A State before Black Hole. , 2017, , 119-146.		5
139	Causal propagation of signals in strangeon matter. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	5
140	Evidence of X-Ray Plateaus Driven by the Magnetar Spindown Winds in Gamma-Ray Burst Afterglows. Astrophysical Journal, 2021, 922, 102.	4.5	5
141	Simultaneous View of FRB 180301 with FAST and NICER during a Bursting Phase. Astrophysical Journal, 2022, 930, 172.	4.5	5
142	Coherent Inverse Compton Scattering Responsible for Pulsar Polarized and Unpolarized Emission. Chinese Physics Letters, 1999, 16, 541-543.	3.3	4
143	Inner Annular Gap and Related Topics. Research in Astronomy and Astrophysics, 2006, 6, 120-125.	1.1	4
144	Can eccentric binary millisecond pulsars form by accretion-induced collapse of white dwarfs?. Monthly Notices of the Royal Astronomical Society, 0, , no-no.	4.4	4

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145	Differentiating Neutron Star Models by X-Ray Polarimetry. Chinese Physics Letters, 2013, 30, 059501.	3.3	4
146	Wind braking of magnetars: To understand magnetars' multiwave radiation properties. Astronomische Nachrichten, 2014, 335, 757-762.	1.2	4
147	Understanding the X-ray spectrum of anomalous X-ray pulsars and soft gamma-ray repeaters. Research in Astronomy and Astrophysics, 2015, 15, 525-536.	1.7	4
148	The optical/UV excess of X-ray-dim isolated neutron star II. Nonuniformity of plasma on a strangeon star surface. Research in Astronomy and Astrophysics, 2018, 18, 082.	1.7	4
149	Three flavors in a triangle. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	4
150	A roadmap to strange star. Astronomische Nachrichten, 2021, 342, 320-325.	1.2	4
151	A Further Study of Relative Longitude Shift of Pulsar Beams. Research in Astronomy and Astrophysics, 2001, 1, 152-160.	1.1	3
152	Strange Quark Stars â€" A Review. Symposium - International Astronomical Union, 2003, 214, 191-198.	0.1	3
153	On Hoyle-Narlikar-Wheeler mechanism of vibration energy powered magneto-dipole emission of neutron stars. Astrophysics and Space Science, 2011, 334, 155-160.	1.4	3
154	The optical/ultraviolet excess of isolated neutron stars in the resonant cyclotron scattering model. Research in Astronomy and Astrophysics, 2011, 11, 1371-1376.	1.7	3
155	Compressed baryonic matter: from nuclei to pulsars. Scientia Sinica: Physica, Mechanica Et Astronomica, 2013, 43, 1288-1298.	0.4	3
156	The Impact of FAST on the Research of Fast Radio Bursts. National Science Review, 2021, 8, nwab204.	9.5	3
157	Are there real orthogonal polarization modes in pulsar radio emission?. Science in China Series A: Mathematics, 2000, 43, 439-448.	0.5	2
158	Solid Bare Strange Quark Stars. Symposium - International Astronomical Union, 2004, 218, 299-302.	0.1	2
159	Hurst parameter analysis of radio pulsar timing residuals. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2678-2684.	4.4	2
160	PRIMORDIAL STRANGE QUARK MATTER. International Journal of Modern Physics E, 2011, 20, 158-166.	1.0	2
161	Spontaneous magnetization of solid quark-cluster stars. Chinese Physics C, 2016, 40, 095102.	3.7	2
162	Rotating Quark Stars in General Relativity. Universe, 2018, 4, 48.	2.5	2

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163	Trinity of strangeon matter. AIP Conference Proceedings, 2019, , .	0.4	2
164	Are pulsar giant pulses induced by re-emission of cyclotron resonance absorption?. Research in Astronomy and Astrophysics, 2021, 21, 029.	1.7	2
165	Possible Evidence for Pulsed Xâ€Ray Emission from the Outer Gap in PSR B1937+21. Astrophysical Journal, 2002, 578, 385-390.	4.5	2
166	Can the Inner Gap Sparking Take Place in Millisecond Pulsars?. Research in Astronomy and Astrophysics, 2003, 3, 443-452.	1.1	1
167	A Joint Model for Radio and Î³-ray Emission from Pulsars. Symposium - International Astronomical Union, 2003, 214, 167-170.	0.1	1
168	Low-Mass Quark Stars. Astrophysics and Space Science, 2005, 297, 179-190.	1.4	1
169	A Geometric Method to Constrain Emission Regions of Pulsars. Research in Astronomy and Astrophysics, 2006, 6, 133-138.	1.1	1
170	Microlensing pulsars. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	1
171	A new parametric equation of state and quark stars. Chinese Physics C, 2011, 35, 616-621.	3.7	1
172	QUARK-CLUSTER STARS: HINTS FROM THE SURFACE. International Journal of Modern Physics Conference Series, 2012, 10, 137-146.	0.7	1
173	The missing compact star of SN1987A: a solid quark star?. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2994-2998.	4.4	1
174	THE ANNULAR GAP: GAMMA-RAY & RADIO EMISSION OF PULSARS. International Journal of Modern Physics Conference Series, 2013, 23, 21-26.	0.7	1
175	QUARK-CLUSTER STARS: THE STRUCTURE. International Journal of Modern Physics Conference Series, 2013, 23, 213-222.	0.7	1
176	The Short Bursts in SGR 1806â^'20, 1E 1048â^'5937, and SGR 0501+4516. Publications of the Astronomical Society of the Pacific, 2015, 127, 211-222.	3.1	1
177	Constraining the Equation of State of Neutron Stars through GRB X-Ray Plateaus. Astrophysical Journal, 2019, 886, 87.	4.5	1
178	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
179	Bare Strange Quark Stars: Formation and Emission. Astrophysics and Space Science Library, 2003, , 73-82.	2.7	1
180	Low-Mass Quark Stars. , 2005, , 179-190.		1

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181	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
182	Recent developments of inverse Compton scattering model of pulsar radio emission. International Astronomical Union Colloquium, 2000, 177, 405-408.	0.1	0
183	High-energy accelerators above pulsar polar caps. International Astronomical Union Colloquium, 2000, 177, 479-480.	0.1	0
184	Are Pulsars Bare Strange Stars?. International Astronomical Union Colloquium, 2000, 177, 665-666.	0.1	0
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