Ang Li

List of Publications by Year
in descending order

67 papers	1,690 citations	257450 24 h-index	289244 40 g-index
67 all docs	67 docs citations	67 times ranked	1419 citing authors

#	Article	IF	Citations
1	Can we distinguish quark stars from neutron stars with measurements of global properties?. EPJ Web of Conferences, 2022, 260, 04001.	0.3	2
2	Unified nuclear matter equations of state constrained by the in-medium balance in density-dependent covariant density functionals. Physical Review C, 2022, 105, .	2.9	8
3	Interacting ud and uds quark matter at finite densities and quark stars. Physical Review D, 2022, 105, .	4.7	12
4	R-mode Stability of GW190814's Secondary Component as a Supermassive and Superfast Pulsar. Astrophysical Journal, 2021, 910, 62.	4.5	17
5	Sound velocity in dense stellar matter with strangeness and compact stars *. Chinese Physics C, 2021, 45, 055104.	3.7	26
6	Constraints on the Maximum Mass of Neutron Stars with a Quark Core from GW170817 and NICER PSR J0030+0451 Data. Astrophysical Journal, 2021, 913, 27.	4.5	42
7	Bayesian inference of quark star equation of state using the *NICER* PSR J0030+0451 data. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5916-5922.	4.4	17
8	Bayesian Inference of Strange Star Equation of State Using the GW170817 and GW190425 Data. Astrophysical Journal Letters, 2021, 917, L22.	8.3	25
9	Progress in nuclear astrophysics of east and southeast Asia. AAPPS Bulletin, 2021, 31, 1.	6.1	5
10	Revisiting the Post-glitch Relaxation of the 2000 Vela Glitch with the Neutron Star Equation of States in the Brueckner and Relativistic Brueckner Theories. Astrophysical Journal, 2021, 923, 108.	4.5	4
11	Relation between gravitational mass and baryonic mass for non-rotating and rapidly rotating neutron stars. Frontiers of Physics, 2020, 15, 1.	5.0	23
12	Neutron star equation of state: Quark mean-field (QMF) modeling and applications. Journal of High Energy Astrophysics, 2020, 28, 19-46.	6.7	50
13	Publisher's Note: Î"(1232) effects in density-dependent relativistic Hartree-Fock theory and neutron stars [Phys. Rev. C 94, 045803 (2016)]. Physical Review C, 2020, 102, .	2.9	2
14	Publisher's Note: Nonrelativistic nucleon effective masses in nuclear matter: Brueckner-Hartree-Fock model versus relativistic Hartree-Fock model [Phys. Rev. C **93**, 015803 (2016)]. Physical Review C, 2020, 102, .	2.9	0
15	Publisher's Note: Internal x-ray plateau in short GRBs: Signature of supramassive fast-rotating quark stars? [Phys. Rev. D 94 , 083010 (2016)]. Physical Review D, 2020, 102, .	4.7	0
16	Tidal deformability and gravitational-wave phase evolution of magnetized compact-star binaries. Physical Review D, 2020, 102, .	4.7	9
17	Effects of dark matter on the nuclear and neutron star matter. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4893-4903.	4.4	57
18	Nucleon effective mass in hot dense matter. Physical Review C, 2020, 101, .	2.9	22

#	ARTICLE	IF	CITATIONS
19	Constraining Hadron-quark Phase Transition Parameters within the Quark-mean-field Model Using Multimessenger Observations of Neutron Stars. Astrophysical Journal, 2020, 904, 103.	4.5	38
20	Comprehensive Analysis of the Tidal Effect in Gravitational Waves and Implication for Cosmology. Astrophysical Journal, Supplement Series, 2020, 250, 6.	7.7	18
21	Note on neutron star equation of state in the light of GW170817. AIP Conference Proceedings, 2019, , .	0.4	2
22	Quark mean-field model for nuclear matter with or without bag. Physical Review C, 2019, 99, .	2.9	15
23	Dense matter with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	81
24	Constraints on interquark interaction parameters with GW170817 in a binary strange star scenario. Physical Review D, 2018, 97, .	4.7	112
25	Effects of the nucleon radius on neutron stars in a quark mean field model. Physical Review C, 2018, 97, .	2.9	10
26	Outflows from black hole hyperaccretion systems: short and long-short gamma-ray bursts and â€˜quasi-supernovaeâ€™. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2173-2182.	4.4	24
27	Internal Plateau in Short GRBs and Quark Stars. , 2018, , .		0
28	Neutron Star Equation of State from the Quark Level in Light of GW170817. Astrophysical Journal, 2018, 862, 98.	4.5	85
29	The Allowed Parameter Space of a Long-lived Neutron Star as the Merger Remnant of GW170817. Astrophysical Journal, 2018, 860, 57.	4.5	84
30	New Equations of State for Postmerger Supramassive Quark Stars. Astrophysical Journal, 2017, 844, 41.	4.5	33
31	Comparison of Gravitational Waves from Central Engines of Gamma-Ray Bursts: Neutrino-dominated Accretion Flows, Blandfordâ€“Znajek Mechanisms, and Millisecond Magnetars. Astrophysical Journal, 2017, 850, 30.	4.5	18
32	Rotating NSs/QSs and recent astrophysical observations. Journal of Physics: Conference Series, 2017, 861, 012014.	0.4	0
33	Pulsar glitch and nuclear EoS: Applicability of superfluid model. Proceedings of the International Astronomical Union, 2017, 13, 360-361.	0.0	1
34	STRUCTURES OF THE VELA PULSAR AND THE GLITCH CRISIS FROM THE BRUECKNER THEORY. Astrophysical Journal, Supplement Series, 2016, 223, 16.	7.7	29
35	FAST RADIO BURSTS AND THEIR GAMMA-RAY OR RADIO AFTERGLOWS AS KERRâ€“NEWMAN BLACK HOLE BINARIES. Astrophysical Journal, 2016, 826, 82.	4.5	80
36	$\mathrm{\Delta}(1232)$ effects in density-dependent relativistic Hartree-Fock theory and neutron stars. Physical Review C, 2016, 94, .	2.9	44

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37	Internal x-ray plateau in short GRBs: Signature of supramassive fast-rotating quark stars?. Physical Review D, 2016, 94, .	4.7	69
38	Nonrelativistic nucleon effective masses in nuclear matter: Brueckner-Hartree-Fock model versus relativistic Hartree-Fock model. Physical Review C, 2016, 93, .	2.9	14
39	Massive hybrid stars with a first-order phase transition. Physical Review C, 2015, 91, .	2.9	42
40	Glitch Crisis or Not: a Microscopic Study. Chinese Physics Letters, 2015, 32, 079701.	3.3	7
41	VERTICAL CONVECTION IN NEUTRINO-DOMINATED ACCRETION FLOWS. Astrophysical Journal, 2015, 805, 37.	4.5	16
42	Revisiting the boiling of primordial quark nuggets at nonzero chemical potential. Astroparticle Physics, 2015, 62, 115-121.	4.3	5
43	Characteristics of Double Gamma-Ray Bursts. Chinese Physics Letters, 2014, 31, 119801.	3.3	1
44	Quark mean-field model for single and double Â and Â hypernuclei. Progress of Theoretical and Experimental Physics, 2014, 2014, 13D02-0.	6.6	16
45	Extended quark mean-field model for neutron stars. Physical Review C, 2014, 89, .	2.9	26
46	Shape evolution of Ne isotopes and Ne hypernuclei: The interplay of pairing and tensor interactions. EPJ Web of Conferences, 2014, 66, 09010.	0.3	0
47	Nucleosynthesis from neutrino-dominated accretion disks in gamma-ray bursts and its application. EPJ Web of Conferences, 2014, 66, 07015.	0.3	1
48	Neon Isotope and Lambda Hypernuclei with the Nijmegen Hyperon Interaction. Few-Body Systems, 2013, 54, 1231-1233.	1.5	0
49	Tensor correlation, pairing interaction, and deformation in Ne isotopes and Ne hypernuclei. Physical Review C, 2013, 87, .	2.9	22
50	Tensor force and shape evolution of Si isotopes in the Skyrme–Hartree–Fock model. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	5
51	Delineating effects of tensor force on the density dependence of nuclear symmetry energy. Journal of Physics: Conference Series, 2013, 420, 012090.	0.4	21
52	Revisiting the hot matter in the center of gamma-ray bursts and supernovae. Astronomy and Astrophysics, 2013, 555, A129.	5.1	13
53	Too massive neutron stars: The role of dark matter?. Astroparticle Physics, 2012, 37, 70-74.	4.3	70
54	Strange star candidates revised within a quark model with chiral mass scaling. Research in Astronomy and Astrophysics, 2011, 11, 482-490.	1.7	33

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55	Hyperon stars at finite temperature in the Brueckner theory. Physical Review C, 2011, 83, .	2.9	76
56	THE EVOLUTION OF PROTONEUTRON STARS WITH KAON CONDENSATE. , 2011, , .		0
57	Strange stars with different quark mass scalings. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2715-2719.	4.4	22
58	Protoneutron stars in the Brueckner-Hartree-Fock approach and finite-temperature kaon condensation. Physical Review C, 2010, 81, .	2.9	27
59	Deconfinement phase transition in neutron star matter. Chinese Physics C, 2009, 33, 61-63.	3.7	3
60	THE EFFECT OF THE SCALAR-ISOVECTOR MESON FIELD ON HYPERON-RICH NEUTRON STAR MATTER. International Journal of Modern Physics E, 2008, 17, 1293-1307.	1.0	3
61	EXOTIC PHASES IN NEUTRON STARS. International Journal of Modern Physics E, 2008, 17, 1635-1647.	1.0	6
62	Deconfinement phase transition in hybrid neutron stars from the Brueckner theory with three-body forces and a quark model with chiral mass scaling. Physical Review C, 2008, 77, .	2.9	77
63	TRANSITION TO QUARK MATTER IN NEUTRON STARS. , 2008, , .		0
64	Microscopic three-body forces and kaon condensation in cold neutrino-trapped matter. Physical Review C, 2006, 74, .	2.9	22
65	Effect of three-body interaction on phase transition of hot asymmetric nuclear matter. Nuclear Physics A, 2004, 745, 34-46.	1.5	19
66	Hot nuclear matter equation of state with a three-body force. Physical Review C, 2004, 69, .	2.9	50
67	Nuclear three-body force effect on a kaon condensate in neutron star matter. Physical Review C, 2004, 70, .	2.9	29