

Jiajie Li

List of Publications by Year in descending order

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19
papers

656
citations

516710

16
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition between delta isobars and hyperons and properties of compact stars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 234-240.	4.1	75
2	Superheavy magic structures in the relativistic Hartree-Fock-Bogoliubov approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 169-173.	4.1	63
3	Implications from GW170817 for Λ -isobar Admixed Hypernuclear Compact Stars. Astrophysical Journal Letters, 2019, 874, L22.	8.3	61
4	Confronting GW190814 with hyperonization in dense matter and hypernuclear compact stars. Physical Review D, 2020, 102, .	4.7	56
5	Relativistic hybrid stars with sequential first-order phase transitions and heavy-baryon envelopes. Physical Review D, 2020, 101, .	4.7	51
6	Magicity of neutron-rich nuclei within relativistic self-consistent approaches. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 97-102.	4.1	45
7	Hypernuclear stars from relativistic Hartree-Fock density functional theory. European Physical Journal A, 2018, 54, 1.	2.5	38
8	Pseudospin-orbit splitting and its consequences for the central depression in nuclear density. Physical Review C, 2016, 93, .	2.9	37
9	Relativistic hybrid stars in light of the NICER PSR J radius measurement. Physical Review D, 2021, 104, .	4.7	37
10	Rapidly rotating Λ -resonance-admixed hypernuclear compact stars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135812.	4.1	35
11	Constraining compact star properties with nuclear saturation parameters. Physical Review C, 2019, 100, .	2.9	32
12	Pairing phase transition: A finite-temperature relativistic Hartree-Fock-Bogoliubov study. Physical Review C, 2015, 92, .	2.9	30
13	Massive Λ -resonance admixed hypernuclear stars with antikaon condensations. Physical Review D, 2021, 103, .	4.7	24
14	^{48}Si : An atypical nucleus?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 192-197.	4.1	22
15	Equation of State of Strongly Magnetized Matter with Hyperons and Λ -Resonances. Particles, 2020, 3, 660-675.	1.7	21
16	Cooling of hypernuclear compact stars: Hartree-Fock models and high-density pairing. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2639-2652.	4.4	19
17	Finite-temperature pairing re-entrance in the drip-line nucleus ^{48}Ni . Physical Review C, 2017, 96, .	2.9	10
18	Superheavy magic nuclei in Relativistic Hartree-Fock-Bogoliubov theory. Journal of Physics: Conference Series, 2014, 533, 012002.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Pairing phase transition within finite-temperature relativistic Hartree-Fock-Bogoliubov approach. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2016, 46, 012009.	0.4	0