

GXPeng

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

290
citations

12
h-index

16
g-index

26
ext. papers

373
ext. citations

3.7
avg, IF

3.69
L-index

#	Paper	IF	Citations
25	Production of proton-rich nuclei in the vicinity of 100Sn via multinucleon transfer reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 825, 136886	4.2	1
24	Three-dimensional QCD phase diagram with a pion condensate in the NJL model. <i>Physical Review D</i> , 2021 , 104,	4.9	1
23	Isospin effect on quark matter instabilities. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 822, 136694	4.2	1
22	Study of Proton, Deuteron, and Triton at 54.4 GeV. <i>Advances in High Energy Physics</i> , 2021 , 2021, 1-9	1	4
21	Strange quark mass effect on the structure of hybrid stars. <i>International Journal of Modern Physics E</i> , 2018 , 27, 1850006	0.7	1
20	Interface effects of strange quark matter with density dependent quark masses. <i>Physical Review D</i> , 2018 , 98,	4.9	12
19	Effects of non-Newtonian gravity on the properties of strange stars. <i>Research in Astronomy and Astrophysics</i> , 2017 , 17, 11	1.5	7
18	Quark matter in the perturbation QCD model with a rapidly convergent matching-invariant running coupling. <i>International Journal of Modern Physics E</i> , 2017 , 26, 1750034	0.7	4
17	A Stronger Multi-observable Uncertainty Relation. <i>Scientific Reports</i> , 2017 , 7, 44764	4.9	24
16	Bulk viscosity of strange quark matter in an enhanced perturbative QCD model. <i>Physical Review D</i> , 2017 , 96,	4.9	3
15	Chiral relaxation time at the crossover of quantum chromodynamics. <i>Physical Review D</i> , 2016 , 94,	4.9	14
14	Magnetized quark matter with a magnetic-field dependent coupling. <i>Physical Review D</i> , 2016 , 93,	4.9	16
13	Properties of strange quark matter objects with two types of surface treatments. <i>Physical Review D</i> , 2016 , 93,	4.9	20
12	Quark matter in a parallel electric and magnetic field background: Chiral phase transition and equilibration of chiral density. <i>Physical Review D</i> , 2016 , 93,	4.9	25
11	Magnetized strange quark matter in the equivparticle model with both confinement and perturbative interactions. <i>Nuclear Science and Techniques/Hewuli</i> , 2016 , 27, 1	2.1	12
10	Quark mass scaling and properties of light-quark matter. <i>Nuclear Science and Techniques/Hewuli</i> , 2016 , 27, 1	2.1	5
9	From strangelets to strange stars: a unified description. <i>Science Bulletin</i> , 2016 , 61, 172-177	10.6	20

8	Influence of chiral chemical potential, parallel electric, and magnetic fields on the critical temperature of QCD. <i>Physical Review D</i> , 2016 , 94,	4.9	14
7	Chiral phase transition of quark matter in the background of parallel electric and magnetic fields. <i>Nuclear Science and Techniques/Hewuli</i> , 2016 , 27, 1	2.1	4
6	Magnetized strange quark matter in a mass-density-dependent model. <i>Chinese Physics C</i> , 2015 , 39, 015101	10.1	11
5	Strange matter and strange stars in a thermodynamically self-consistent perturbation model with running coupling and running strange quark mass. <i>Physical Review D</i> , 2015 , 92,	4.9	28
4	Thermodynamic consistency, quark mass scaling, and properties of strange matter. <i>Physical Review D</i> , 2014 , 89,	4.9	38
3	CASIMIR CHARGE AND AN EXPLANATION FOR C VIOLATION. <i>Modern Physics Letters A</i> , 2013 , 28, 1350119	10.3	
2	One-gluon-exchange effect on the properties of quark matter and strange stars. <i>Chinese Physics C</i> , 2012 , 36, 947-953	2.2	16
1	An evidence of triple kinetic freezeout scenario observed in all centrality intervals in Cu-Cu, Au-Au and Pb-Pb collisions at high energies. <i>Journal of Physics G: Nuclear and Particle Physics</i> ,	2.9	9