

# GXPeng

## List of Publications by Year in descending order

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26  
papers

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citations

567144

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713332

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26  
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26  
docs citations

26  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic consistency, quark mass scaling, and properties of strange matter. <i>Physical Review D</i> , 2014, 89, .	1.6	59
2	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, .	1.6	38
3	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, .	1.6	35
4	A Stronger Multi-observable Uncertainty Relation. <i>Scientific Reports</i> , 2017, 7, 44764.	1.6	33
5	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 C: Nuclear and Particle Physics</i> , 2021, 48, 075108.	1.4	27
6	One-gluon-exchange effect on the properties of quark matter and strange stars. <i>Chinese Physics C</i> , 2012, 36, 947-953.	1.5	25
7	Properties of strange quark matter objects with two types of surface treatments. <i>Physical Review D</i> , 2016, 93, .	1.6	22
8	Magnetized quark matter with a magnetic-field dependent coupling. <i>Physical Review D</i> , 2016, 93, .	1.6	21
9	From strangelets to strange stars: a unified description. <i>Science Bulletin</i> , 2016, 61, 172-177.	4.3	21
10	Influence of chiral chemical potential, parallel electric, and magnetic fields on the critical temperature of QCD. <i>Physical Review D</i> , 2016, 94, .	1.6	20
11	Interface effects of strange quark matter with density dependent quark masses. <i>Physical Review D</i> , 2018, 98, .	1.6	20
12	Chiral relaxation time at the crossover of quantum chromodynamics. <i>Physical Review D</i> , 2016, 94, .	1.6	19
13	Magnetized strange quark matter in a mass-density-dependent model. <i>Chinese Physics C</i> , 2015, 39, 015101.	1.5	18
14	Magnetized strange quark matter in the equiparticle model with both confinement and perturbative interactions. <i>Nuclear Science and Techniques/Hewuli</i> , 2016, 27, 1.	1.3	16
15	Production of proton-rich nuclei in the vicinity of $^{100}\text{Sn}$ via multinucleon transfer reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 825, 136886.	1.5	16
16	Study of Proton, Deuteron, and Triton at 54.4%GeV. <i>Advances in High Energy Physics</i> , 2021, 2021, 1-9.	0.5	13
17	Effects of non-Newtonian gravity on the properties of strange stars. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 11.	0.7	11
18	Quark mass scaling and properties of light-quark matter. <i>Nuclear Science and Techniques/Hewuli</i> , 2016, 27, 1.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Chiral phase transition of quark matter in the background of parallel electric and magnetic fields. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	1.3	5
20	Bulk viscosity of strange quark matter in an enhanced perturbative QCD model. Physical Review D, 2017, 96, .	1.6	5
21	Quark matter in the perturbation QCD model with a rapidly convergent matching-invariant running coupling. International Journal of Modern Physics E, 2017, 26, 1750034.	0.4	4
22	Three-dimensional QCD phase diagram with a pion condensate in the NJL model. Physical Review D, 2021, 104, .	1.6	4
23	Isospin effect on quark matter instabilities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136694.	1.5	3
24	Strangelets at finite temperature in a baryon density-dependent quark mass model. Physical Review D, 2022, 105, .	1.6	3
25	Strange quark mass effect on the structure of hybrid stars. International Journal of Modern Physics E, 2018, 27, 1850006.	0.4	1
26	CASIMIR CHARGE AND AN EXPLANATION FOR C VIOLATION. Modern Physics Letters A, 2013, 28, 1350119.	0.5	0