

# Arvind Kumar

## List of Publications by Year in descending order

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docs citations

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times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{1}$ mesons in hot magnetized nuclear matter. Chinese Physics C, 2022, 46, 024109.	3.7	0
2	Quark matter properties and fluctuations of conserved charges in (2+1)-flavored quark model *. Chinese Physics C, 2022, 46, 063104.	3.7	2
3	Effect of vector interaction on magnetized strange quark matter and strange quark star. Nuclear Physics A, 2022, 1022, 122442.	1.5	2
4	Open strange meson $K^{\pm}_1$ in hot and dense nuclear matter. SciPost Physics Proceedings, 2022, , .	0.4	0
5	Quark matter within Polyakov chiral SU(3) quark mean field model at finite temperature. European Physical Journal Plus, 2021, 136, 1.	2.6	6
6	Properties of strange quark matter and strange quark stars. European Physical Journal C, 2021, 81, 1.	3.9	7
7	$\chi$ meson mass and decay width in strange hadronic matter. Physical Review C, 2020, 102, .	2.9	5
8	Heavy vector and axial-vector D mesons in hot magnetized asymmetric nuclear matter. European Physical Journal A, 2020, 56, 1.	2.5	4
9	Analysis of pseudoscalar and scalar $D$ mesons and charmonium decay width in hot magnetized asymmetric nuclear matter. Physical Review C, 2020, 101, .	2.9	12
10	Decuplet baryons in nuclear and hyperonic medium. European Physical Journal Plus, 2020, 135, 1.	2.6	4
11	Strange Quark Matter with $\hat{1}^2$ -equilibrium condition. Journal of Physics: Conference Series, 2020, 1690, 012079.	0.4	0
12	$\hat{1}$ mesons in hot and dense asymmetric nuclear matter. Physical Review C, 2020, 102, .	2.9	1
13	Kaons and Antikaons in Multi-Phase Transport Model. Journal of Physics: Conference Series, 2020, 1690, 012077.	0.4	0
14	$\chi/\psi$ and $\eta_c$ in asymmetric hot magnetized nuclear matter: a unified approach of Chiral SU(3) model and QCD sum rules. European Physical Journal C, 2019, 79, 1.	3.9	15
15	Octet baryon masses and magnetic moments in hot and dense isospin asymmetric nuclear matter. European Physical Journal Plus, 2019, 134, 1.	2.6	3
16	Possibility of $\chi$ meson condensation in neutron stars: Unified approach of chiral SU(3) model and QCD sum rules. European Physical Journal Plus, 2019, 134, 1.	2.6	2
17	Charmonia and bottomonia in asymmetric magnetized hot nuclear matter. Chinese Physics C, 2019, 43, 124109.	3.7	10
18	Magnetic moments of octet baryons in strange matter. European Physical Journal A, 2018, 54, 1.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Masses and decay widths of scalar $D$ and $D^*$ mesons in a strange hadronic medium. Physical Review C, 2018, 98, .	2.9	6
20	In-medium pseudoscalar $D/B$ mesons and charmonium decay width. European Physical Journal A, 2017, 53, 1.	2.5	20
21	Magnetic moments of octet baryons in hot and dense nuclear matter. Chinese Physics C, 2017, 41, 094104.	3.7	12
22	In-medium properties of pseudoscalar $D_s$ and $B_s$ mesons. European Physical Journal C, 2017, 77, 1.	3.9	13
23	$D^*$ and $B^*$ mesons in strange hadronic medium at finite temperature. EPJ Web of Conferences, 2016, 112, 04001.	0.3	0
24	Heavy vector and axial-vector mesons in hot and dense asymmetric strange hadronic matter. Physical Review C, 2015, 92, .	2.9	17
25	Heavy Scalar, Vector, and Axial-Vector Mesons in Hot and Dense Nuclear Medium. Advances in High Energy Physics, 2014, 2014, 1-21.	1.1	15
26	$D$ -mesons and charmonium states in hot isospin asymmetric strange hadronic matter. European Physical Journal A, 2011, 47, 1.	2.5	57
27	Kaon properties in (proto-)neutron star matter. European Physical Journal A, 2010, 45, 169-177.	2.5	31
28	$D$ mesons and charmonium states in asymmetric nuclear matter at finite temperatures. Physical Review C, 2010, 81, .	2.9	55
29	$J/\psi$ and $\Upsilon$ mesons in isospin asymmetric hot nuclear matter: A QCD sum rule approach. Physical Review C, 2010, 82, .	2.9	46
30	Kaon and antikaon optical potentials in isospin asymmetric hyperonic matter. European Physical Journal A, 2009, 41, 205-213.	2.5	43
31	Antikaon condensation in magnetized neutron stars. International Journal of Modern Physics E, 0, , .	1.0	2