

# Arvind Kumar

## List of Publications by Year in descending order

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31  
papers

397  
citations

840776

11  
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752698

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docs citations

33  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	D-mesons and charmonium states in hot isospin asymmetric strange hadronic matter. European Physical Journal A, 2011, 47, 1.	2.5	57
2	$\langle \text{mesons and charmonium states in asymmetric nuclear matter at finite temperatures. Physical Review C, 2010, 81, .} \rangle$	2.9	55
3	$\langle \text{and} \rangle$ in isospin asymmetric hot nuclear matter: A QCD sum rule approach. Physical Review C, 2010, 82, .	2.9	46
4	Kaon and antikaon optical potentials in isospin asymmetric hyperonic matter. European Physical Journal A, 2009, 41, 205-213.	2.5	43
5	Kaon properties in (proto-)neutron star matter. European Physical Journal A, 2010, 45, 169-177.	2.5	31
6	In-medium pseudoscalar D/B mesons and charmonium decay width. European Physical Journal A, 2017, 53, 1.	2.5	20
7	Heavy vector and axial-vector mesons in hot and dense asymmetric strange hadronic matter. Physical Review C, 2015, 92, .	2.9	17
8	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
9	$\langle \psi \rangle$ and $\langle \sigma \rangle$ 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
10	In-medium properties of pseudoscalar $D_s$ and $B_s$ mesons. European Physical Journal C, 2017, 77, 1.	3.9	13
11	Magnetic moments of octet baryons in hot and dense nuclear matter. Chinese Physics C, 2017, 41, 094104.	3.7	12
12	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
13	Charmonia and bottomonia in asymmetric magnetized hot nuclear matter. Chinese Physics C, 2019, 43, 124109.	3.7	10
14	Magnetic moments of octet baryons in strange matter. European Physical Journal A, 2018, 54, 1.	2.5	7
15	Properties of strange quark matter and strange quark stars. European Physical Journal C, 2021, 81, 1.	3.9	7
16	Masses and decay widths of scalar $D_0$ and $D_1$ mesons in a strange hadronic medium. Physical Review C, 2018, 98, .	2.9	6
17	Quark matter within Polyakov chiral SU(3) quark mean field model at finite temperature. European Physical Journal Plus, 2021, 136, 1.	2.6	6
18	$\langle \bar{\psi} \psi \rangle$ meson mass and decay width in strange hadronic matter. Physical Review C, 2020, 102, .	2.9	5

#	ARTICLE	IF	CITATIONS
19	Heavy vector and axial-vector D mesons in hot magnetized asymmetric nuclear matter. European Physical Journal A, 2020, 56, 1.	2.5	4
20	Decuplet baryons in nuclear and hyperonic medium. European Physical Journal Plus, 2020, 135, 1.	2.6	4
21	Octet baryon masses and magnetic moments in hot and dense isospin asymmetric nuclear matter. European Physical Journal Plus, 2019, 134, 1.	2.6	3
22	Possibility of $\rho$ 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
23	Quark matter properties and fluctuations of conserved charges in (2+1)-flavored quark model *. Chinese Physics C, 2022, 46, 063104.	3.7	2
24	Effect of vector interaction on magnetized strange quark matter and strange quark star. Nuclear Physics A, 2022, 1022, 122442.	1.5	2
25	Antikaon condensation in magnetized neutron stars. International Journal of Modern Physics E, 0, , .	1.0	2
26	$\hat{\rho}$ mesons in hot and dense asymmetric nuclear matter. Physical Review C, 2020, 102, .	2.9	1
27	D* and B* mesons in strange hadronic medium at finite temperature. EPJ Web of Conferences, 2016, 112, 04001.	0.3	0
28	Strange Quark Matter with $\hat{\rho}$ -equilibrium condition. Journal of Physics: Conference Series, 2020, 1690, 012079.	0.4	0
29	Kaons and Antikaons in Multi-Phase Transport Model. Journal of Physics: Conference Series, 2020, 1690, 012077.	0.4	0
30	$\hat{\rho}$ mesons in hot magnetized nuclear matter. Chinese Physics C, 2022, 46, 024109.	3.7	0
31	Open strange meson $K^{\pm}$ in hot and dense nuclear matter. SciPost Physics Proceedings, 2022, , .	0.4	0