

Abhijit Majumder

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,039
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2372
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracting the jet transport coefficient from jet quenching in high-energy heavy-ion collisions. Physical Review C, 2014, 90, .	2.9	298
2	Systematic comparison of jet energy-loss schemes in a realistic hydrodynamic medium. Physical Review C, 2009, 79, .	2.9	158
3	Small Shear Viscosity of a Quark-Gluon Plasma Implies Strong Jet Quenching. Physical Review Letters, 2007, 99, 192301.	7.8	111
4	Comparison of jet quenching formalisms for a quark-gluon plasma $\hat{\kappa}$. Physical Review C, 2012, 86, .	2.9	108
5	Electric charge separation in strong transient magnetic fields. Physical Review C, 2010, 81, .	2.9	100
6	Hadron Mass Spectrum from Lattice QCD. Physical Review Letters, 2010, 105, 252002.	7.8	75
7	Perturbative QCD Description of Heavy and Light Flavor Jet Quenching. Physical Review Letters, 2010, 105, 262301.	7.8	40
8	Calculating the jet quenching parameter \hat{q} in lattice gauge theory. Physical Review C, 2013, 87, .	2.9	35
9	Parton transport via transverse and longitudinal scattering in dense media. Physical Review C, 2013, 87, .	2.9	28
10	Nuclear modification of leading hadrons and jets within a virtuality ordered parton shower. Physical Review C, 2020, 101, .	2.9	18
11	Energy and scale dependence of \hat{q} and the $\hat{\kappa}$ puzzle. Physical Review C, 2020, 101, .	2.9	15
12	Jet transport and photon bremsstrahlung via longitudinal and transverse scattering. Physical Review C, 2015, 91, .	2.9	13
13	Drag-induced radiative energy loss from semihard heavy quarks. Physical Review C, 2016, 94, .	2.9	12
14	Multiple scattering of heavy quarks in dense matter and the parametric prominence of drag. Physical Review D, 2014, 90, .	4.7	9
15	Solving the \hat{q} puzzle with κ and scale dependence. Nuclear Physics A, 2017, 967, 536-539.	1.5	8
16	Final-state gluon emission in deep-inelastic scattering at next-to-leading twist. Physical Review C, 2022, 105, .	2.9	5
17	Jet modification in the next decade: A pedestrian outlook. Pramana - Journal of Physics, 2015, 84, 821-843.	1.8	4
18	ELECTROMAGNETIC RADIATION FROM BROKEN SYMMETRIES IN RELATIVISTIC NUCLEAR COLLISIONS. International Journal of Modern Physics E, 2007, 16, 2350-2355.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Jet-medium interactions at Quark Matter 09. Nuclear Physics A, 2009, 830, 875c-882c.	1.5	1
20	Photon production from charge-asymmetric hot and dense matter. Physical Review C, 2007, 75, .	2.9	0