

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	Final-state gluon emission in deep-inelastic scattering at next-to-leading twist. Physical Review C, 2022, 105, .	2.9	5
2	Nuclear modification of leading hadrons and jets within a virtuality ordered parton shower. Physical Review C, 2020, 101, .	2.9	18
3	Energy and scale dependence of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mover accent="true"> \langle \text{mml:mi> q</mml:mi> \langle \text{mml:mo> \langle \text{mml:mo> \langle \text{mml:mover}> \langle \text{mml:math}> \text{ and the } \langle \text{mml:math}> \text{ puzzle} \langle \text{mml:math}>$ and the $\langle \text{mml:math}> \text{ET puzzle}$. Physical Review C, 2020, 101, .	2.9	15
4	Solving the $\langle \text{mml:math}> \text{ET puzzle with } x \text{ and scale dependence. Nuclear Physics A, 2017, 967, 536-539.}$	1.5	8
5	Drag-induced radiative energy loss from semihard heavy quarks. Physical Review C, 2016, 94, .	2.9	12
6	Jet modification in the next decade: A pedestrian outlook. Pramana - Journal of Physics, 2015, 84, 821-843.	1.8	4
7	Jet transport and photon bremsstrahlung via longitudinal and transverse scattering. Physical Review C, 2015, 91, .	2.9	13
8	Multiple scattering of heavy quarks in dense matter and the parametric prominence of drag. Physical Review D, 2014, 90, .	4.7	9
9	Extracting the jet transport coefficient from jet quenching in high-energy heavy-ion collisions. Physical Review C, 2014, 90, .	2.9	298
10	Calculating the jet quenching parameter $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mover accent="true"> \langle \text{mml:mi> q</mml:mi> \langle \text{mml:mo> \langle \text{mml:mo> \langle \text{mml:mover}> \langle \text{mml:math}> \text{ in lattice gauge theory. Physical Review C, 2013, 87, .}$ in lattice gauge theory. Physical Review C, 2013, 87, .	2.9	35
11	Parton transport via transverse and longitudinal scattering in dense media. Physical Review C, 2013, 87, .	2.9	28
12	Comparison of jet quenching formalisms for a quark-gluon plasma $\langle \text{mml:math}> \text{ brick} \langle \text{mml:math}>$. Physical Review C, 2012, 86, .	2.9	108
13	Perturbative QCD Description of Heavy and Light Flavor Jet Quenching. Physical Review Letters, 2010, 105, 262301.	7.8	40
14	Hadron Mass Spectrum from Lattice QCD. Physical Review Letters, 2010, 105, 252002.	7.8	75
15	Electric charge separation in strong transient magnetic fields. Physical Review C, 2010, 81, .	2.9	100
16	Systematic comparison of jet energy-loss schemes in a realistic hydrodynamic medium. Physical Review C, 2009, 79, .	2.9	158
17	Jet-medium interactions at Quark Matter 09. Nuclear Physics A, 2009, 830, 875c-882c.	1.5	1
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	Photon production from charge-asymmetric hot and dense matter. <i>Physical Review C</i> , 2007, 75, .	2.9	0
20	Small Shear Viscosity of a Quark-Gluon Plasma Implies Strong Jet Quenching. <i>Physical Review Letters</i> , 2007, 99, 192301.	7.8	111