

Suman Deb

List of Publications by Year in descending order

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9
papers

44
citations

1937685

4
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Charmonium suppression in ultra-relativistic proton-proton collisions at LHC energies: a hint for QGP in small systems. European Physical Journal C, 2022, 82, .	3.9	2
2	Estimation of impact parameter and transverse sphericity in heavy-ion collisions at the LHC energies using machine learning. Physical Review D, 2021, 103, .	4.7	13
3	Bose-Einstein condensation of pions in proton-proton collisions at the Large Hadron Collider using non-extensive Tsallis statistics. European Physical Journal A, 2021, 57, 1.	2.5	5
4	Study of QCD dynamics using small systems. European Physical Journal A, 2021, 57, 1.	2.5	4
5	Investigating heavy-flavor vs light-flavor puzzle with event topology and multiplicity in proton + proton collisions at $\sqrt{s} = 13$ TeV using PYTHIA8. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 095104.	3.6	1
6	Deciphering QCD dynamics in small collision systems using event shape and final state multiplicity at the Large Hadron Collider. European Physical Journal A, 2020, 56, 1.	2.5	3
7	Glauber model for a small system using the anisotropic and inhomogeneous density profile of a proton. Physical Review D, 2020, 101, .	4.7	3
8	$\langle i \rangle$ production dynamics: event shape, multiplicity and rapidity dependence in proton+proton collisions at LHC energies using PYTHIA8. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 055110.	3.6	10
9	Multiplicity dependence of J/ψ production and QCD dynamics in $p+p$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal A, 2020, 56, 1.	2.5	3