

# Suman Deb

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2478708/publications.pdf>

Version: 2024-02-01

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