

Rupa Chatterjee

List of Publications by Year in descending order

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29
papers

503
citations

933447

10
h-index

642732

23
g-index

29
all docs

29
docs citations

29
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic Flow of Thermal Photons in Relativistic Nuclear Collisions. Physical Review Letters, 2006, 96, 202302.	7.8	121
2	Elliptic flow of thermal photons from an event-by-event hydrodynamic model. Physical Review C, 2013, 88, .	2.9	65
3	Elliptic flow of thermal dileptons in relativistic nuclear collisions. Physical Review C, 2007, 75, .	2.9	50
4	Elliptic flow of thermal photons and formation time of quark gluon plasma at energies available at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2009, 79, .	2.9	50
5	Enhancement of thermal photon production in event-by-event hydrodynamics. Physical Review C, 2011, 83, .	2.9	48
6	Collision centrality and $\langle \mathbf{v}_1 \rangle$ dependence of the emission of thermal photons from a fluctuating initial state in an ideal hydrodynamic calculation. Physical Review C, 2012, 85, .	2.9	35
7	Formation Time of QGP from Thermal Photon Elliptic Flow. Nuclear Physics A, 2009, 830, 503c-506c.	1.5	17
8	Thermal photons from fluctuating initial conditions. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124136.	3.6	14
9	Anisotropic flow of thermal photons at energies available at the BNL Relativistic Heavy Ion Collider and at the CERN Large Hadron Collider. Physical Review C, 2017, 96, .	2.9	11
10	Spectra and elliptic flow of thermal photons from full-overlap U+U collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2017, 95, .	2.9	11
11	Single photons from relativistic collisions of lead nuclei at energies available at the CERN Super Proton Synchrotron (SPS): A reanalysis. Physical Review C, 2009, 79, .	2.9	10
12	Triangular flow of thermal photons from an event-by-event hydrodynamic model for 2.76 ATeV Pb + Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2016, 94, .	2.9	10
13	Thermal photons as a sensitive probe of α -cluster in C + Au collisions at the BNL Relativistic Heavy Ion Collider. European Physical Journal A, 2021, 57, 1.	2.5	10
14	Effects of initial-state nucleon shadowing on the elliptic flow of thermal photons. Physical Review C, 2018, 97, .	2.9	8
15	Directed flow of photons in Cu + Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 085101.	3.6	8
16	Production of charm quarks in a parton cascade model for relativistic heavy ion collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2017, 96, .	2.9	7
17	Thermal photon v_3 at LHC from fluctuating initial conditions. Nuclear Physics A, 2014, 931, 670-674.	1.5	6
18	Photon production from Pb + Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV at the CERN Large Hadron Collider and at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	4

#	ARTICLE	IF	CITATIONS
19	Anisotropic flow of photons in relativistic heavy ion collisions. Pramana - Journal of Physics, 2021, 95, 1.	1.8	4
20	Electromagnetic Probes. Lecture Notes in Physics, 2009, , 219-264.	0.7	4
21	Ratio of photon anisotropic flow in relativistic heavy ion collisions. Physical Review C, 2021, 104, .	2.9	3
22	Centrality and initial formation time dependence of the emission of thermal photons from fluctuating initial conditions at RHIC and LHC. Nuclear Physics A, 2013, 910-911, 207-208.	1.5	2
23	A Reanalysis of Single Photon Data at CERN SPS. Nuclear Physics A, 2009, 830, 579c-582c.	1.5	1
24	Exploring evolution of anisotropy with electromagnetic radiation. Indian Journal of Physics, 2010, 84, 1795-1799.	1.8	1
25	Zeroing in on the initial state "tomography" using bulk, jets and photons. Nuclear Physics A, 2014, 931, 481-486.	1.5	1
26	Transport dynamics of parton interactions in collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2018, 97, .		
27	Longitudinal asymmetry in heavy ion collisions at RHIC. European Physical Journal A, 2022, 58, 1.	2.5	1
28	Maps of the little bangs through energy density and temperature fluctuations. AIP Conference Proceedings, 2016, , .	0.4	0
29	Landau-Pomeranchuk-Midgal effect and charm production in collisions at energies available at the CERN Large Hadron Collider using the parton cascade model. Physical Review C, 2018, 98, .	2.9	0