

Roppon Picha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3259658/publications.pdf>

Version: 2024-02-01

59
papers

9,084
citations

147801

31
h-index

197818

49
g-index

60
all docs

60
docs citations

60
times ranked

5150
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR Collaboration's critical assessment of the evidence from RHIC collisions. Nuclear Physics A, 2005, 757, 102-183.	1.5	2,780
2	Transverse-Momentum and Collision-Energy Dependence of High-pT Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	7.8	614
3	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	520
4	Evidence from Au+Au Measurements for Final-State Suppression of High-pT Hadrons in Au+Au Collisions at RHIC. Physical Review Letters, 2003, 91, 072304.	7.8	517
5	Particle-Type Dependence of Azimuthal Anisotropy and Nuclear Modification of Particle Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 052302.	7.8	477
6	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445
7	Identified Particle Distributions in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	7.8	368
8	Strange particle production in p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	267
9	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152301.	7.8	261
10	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248
11	Identified hadron spectra at large transverse momentum in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	4.1	228
12	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 171801.	7.8	220
13	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	179
14	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	7.8	175
15	Identified hadron spectra at large transverse momentum in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	4.1	166
16	Minijet deformation and charge-independent angular correlations on momentum subspace (\hat{I}, \hat{J}) in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2006, 73, .	2.9	166
17	Forward Neutral Pion Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	7.8	166
18	$K(892)^*$ resonance production in Au+Au and p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	149

#	ARTICLE	IF	CITATIONS
19	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	141
20	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2004, 92, 182301.	7.8	140
21	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 252301.	7.8	122
22	Pion, kaon, proton and anti-proton transverse momentum distributions from $\sqrt{s_{NN}}=200$ GeV Au+Au collisions. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	4.1	122
23	Strange Baryon Resonance Production in $\sqrt{s_{NN}}=200$ GeV p+Au and Au+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
24	Transverse-momentum correlations on (\hat{r}, ϕ) from mean-particle fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	3.6	78
25	Multiplicity dependence of inclusive particle spectra from p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2006, 74, .	4.7	60
26	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	55
27	$\langle \hat{r} \rangle$ correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	50
28	Proton- \hat{r} correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47
29	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	40
30	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	35
31	The energy dependence of particle angular correlations inferred from mean-particle fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, .	3.6	33
32	Hadronization geometry from net-charge angular correlations on momentum subspace in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 252001.	4.1	31
33	Two-particle correlations on transverse momentum and momentum dissipation in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	3.6	14
34	Rapidity and species dependence of particle production at large transverse momentum for Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 73, .	2.9	13
35	Study on particle size and size distribution of gold nanoparticles by TEM and SAXS. Radiation Physics and Chemistry, 2022, 191, 109842.	2.8	13
36	Plasma Scenario Study for HT-6M Tokamak Using BALDUR Integrated Predictive Modeling Code. Plasma and Fusion Research, 2018, 13, 3403094-3403094.	0.7	8

#	ARTICLE	IF	CITATIONS
37	Gamma and neutron attenuation properties of barite-cement mixture. Journal of Physics: Conference Series, 2015, 611, 012002.	0.4	5
38	Collimator design for neutron radiography station using Monte Carlo simulation. Journal of Physics: Conference Series, 2018, 1144, 012095.	0.4	4
39	STAR Collaboration. Nuclear Physics A, 2006, 774, 956-958.	1.5	3
40	Efficiency calibrations of HPGe detector for PGNA system. Journal of Physics: Conference Series, 2017, 901, 012133.	0.4	3
41	Study of L-H transition triggered by pellet injection based on a power threshold model. Plasma Physics Reports, 2014, 40, 790-796.	0.9	2
42	A nuclear method to authenticate Buddha images. Journal of Physics: Conference Series, 2015, 611, 012011.	0.4	1
43	The MCNP Simulation of a PGNA System at TRR-1/M1. Journal of Physics: Conference Series, 2017, 860, 012037.	0.4	1
44	Renovation status of neutron radiography facility at TRR-1/M1 reactor. Journal of Physics: Conference Series, 2017, 860, 012036.	0.4	1
45	Development of Neutron Imaging System for Neutron Tomography at Thai Research Reactor TRR-1/M1. Journal of Physics: Conference Series, 2017, 901, 012149.	0.4	1
46	Measurement of NORM in Building Materials to Assess Radiological Hazards to Human Health and Develop the Standard Guidelines for Residents in Thailand: Case Study in Sand Samples Collected from Seven Northeastern Thailand Provinces. Atmosphere, 2021, 12, 1024.	2.3	1
47	WEST tokamak hard x-ray tomography inversion. AIP Advances, 2021, 11, 085313.	1.3	1
48	Predictions of Plasma Behavior Due to Pellet Injection for Future Thailand Tokamak. Plasma and Fusion Research, 2019, 14, 3403154-3403154.	0.7	1
49	Polycarbonate Track-Etched Membranes by Nuclear Fission Reaction: Preparation and Characterization. Key Engineering Materials, 2015, 659, 479-483.	0.4	0
50	The simulation of L-H transition in tokamak plasma using MMM95 transport model. Journal of Physics: Conference Series, 2015, 611, 012005.	0.4	0
51	Comparison of carbon density distribution in L-mode plasma discharges in TFTR tokamak using the Mixed Bohm/gyro-Bohm and Multi-Mode-95 transport models. Journal of Physics: Conference Series, 2015, 611, 012008.	0.4	0
52	Determination of the total inductance of TPF-I. Journal of Physics: Conference Series, 2015, 611, 012009.	0.4	0
53	Development of dielectric barrier discharge for reducing microbial contamination in pepper (<i>Piper	0.4	0
54	Development of TPF-1 plasma focus for education. Journal of Physics: Conference Series, 2017, 901, 012134.	0.4	0

#	ARTICLE	IF	CITATIONS
55	Monte Carlo simulation of an upgraded PGNA shield at TRR-1/M1. Journal of Physics: Conference Series, 2018, 1144, 012003.	0.4	0
56	Preliminary study of neutron tomography performance tested by a standard specimen. Journal of Physics: Conference Series, 2019, 1285, 012038.	0.4	0
57	Beam characterization for neutron imaging after installation of the external collimator at TRR-1/M1. Journal of Physics: Conference Series, 2019, 1380, 012119.	0.4	0
58	Effects of Plasma Focus on Seed Germination and Seedling Growth of 14 Thai Rice Varieties. Walailak Journal of Science and Technology, 2021, 18, .	0.5	0
59	Neutronics Assessment for the Thailand Tokamak Upgrade. Plasma and Fusion Research, 2019, 14, 3405082-3405082.	0.7	0