

# Roppon Picha

## List of Publications by Year in descending order

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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	Study on particle size and size distribution of gold nanoparticles by TEM and SAXS. Radiation Physics and Chemistry, 2022, 191, 109842.	2.8	13
2	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
3	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
4	WEST tokamak hard x-ray tomography inversion. AIP Advances, 2021, 11, 085313.	1.3	1
5	Preliminary study of neutron tomography performance tested by a standard specimen. Journal of Physics: Conference Series, 2019, 1285, 012038.	0.4	0
6	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
7	Neutronics Assessment for the Thailand Tokamak Upgrade. Plasma and Fusion Research, 2019, 14, 3405082-3405082.	0.7	0
8	Predictions of Plasma Behavior Due to Pellet Injection for Future Thailand Tokamak. Plasma and Fusion Research, 2019, 14, 3403154-3403154.	0.7	1
9	Plasma Scenario Study for HT-6M Tokamak Using BALDUR Integrated Predictive Modeling Code. Plasma and Fusion Research, 2018, 13, 3403094-3403094.	0.7	8
10	Monte Carlo simulation of an upgraded PGNAA shielding at TRR-1/M1. Journal of Physics: Conference Series, 2018, 1144, 012003.	0.4	0
11	Collimator design for neutron radiography station using Monte Carlo simulation. Journal of Physics: Conference Series, 2018, 1144, 012095.	0.4	4
12	Development of dielectric barrier discharge for reducing microbial contamination in pepper ( <i>Piper</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2017, 901, 012135.	0.4	0
13	Development of TPF-1 plasma focus for education. Journal of Physics: Conference Series, 2017, 901, 012134.	0.4	0
14	The MCNP Simulation of a PGNAA System at TRR-1/M1. Journal of Physics: Conference Series, 2017, 860, 012037.	0.4	1
15	Efficiency calibrations of HPGe detector for PGNAA system. Journal of Physics: Conference Series, 2017, 901, 012133.	0.4	3
16	Renovation status of neutron radiography facility at TRR-1/M1 reactor. Journal of Physics: Conference Series, 2017, 860, 012036.	0.4	1
17	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
18	Polycarbonate Track-Etched Membranes by Nuclear Fission Reaction: Preparation and Characterization. Key Engineering Materials, 2015, 659, 479-483.	0.4	0

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19	The simulation of L-H transition in tokamak plasma using MMM95 transport model. Journal of Physics: Conference Series, 2015, 611, 012005.	0.4	0
20	A nuclear method to authenticate Buddha images. Journal of Physics: Conference Series, 2015, 611, 012011.	0.4	1
21	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
22	Gamma and neutron attenuation properties of barite-cement mixture. Journal of Physics: Conference Series, 2015, 611, 012002.	0.4	5
23	Determination of the total inductance of TPF-I. Journal of Physics: Conference Series, 2015, 611, 012009.	0.4	0
24	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
25	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	7.8	175
26	Rapidity and species dependence of particle production at large transverse momentum for Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	2.9	13
27	$\langle \hat{r}_T \hat{r}_T \rangle$ -correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	50
28	The energy dependence of pT angular correlations inferred from mean-pT fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	3.6	33
29	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
30	Strange particle production in p+pcollisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	267
31	STAR Collaboration. Nuclear Physics A, 2006, 774, 956-958.	1.5	3
32	Hadronization geometry from net-charge angular correlations on momentum subspace in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	4.1	31
33	Hadronization geometry from net-charge angular correlations on momentum subspace in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	4.1	228
34	Transverse-momentum pT correlations on $(\hat{r}_T, \phi)$ from mean-pT 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
35	Multiplicity dependence of inclusive pT spectra from p+pcollisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2006, 74, .	4.7	60
36	Minijet deformation and charge-independent angular correlations on momentum subspace $(\hat{r}_T, \phi)$ in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2006, 73, .	2.9	166

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37	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	179
38	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
39	Strange Baryon Resonance Production in $\sqrt{s_{NN}}=200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
40	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
41	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	7.8	166
42	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
43	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	55
44	Proton- $\bar{p}$ correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47
45	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	35
46	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
47	Pion, kaon, proton and anti-proton transverse momentum distributions from Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	4.1	166
48	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	4.1	122
49	$K(892)^*$ resonance production in Au+Au and p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	149
50	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in p+Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445
51	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248
52	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	520
53	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 252301.	7.8	122
54	Identified Particle Distributions in p+Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	7.8	368

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55	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 92, 171801.	7.8	220
56	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2004, 92, 182301.	7.8	140
57	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
58	Evidence from $d+Au$ Measurements for Final-State Suppression of High- $p_T$ Hadrons in Au+Au Collisions at RHIC. Physical Review Letters, 2003, 91, 072304.	7.8	517
59	Transverse-Momentum and Collision-Energy Dependence of High- $p_T$ Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	7.8	614