

# Yoshihide Nakamiya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9228358/publications.pdf>

Version: 2024-02-01

62  
papers

3,191  
citations

172457  
29  
h-index

144013  
57  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental design of radiation reaction by 1 PW laser pulse and linear accelerator electron bunch. High Energy Density Physics, 2021, 38, 100919.	1.5	1
2	Search for sub-eV axion-like resonance states via stimulated quasi-parallel laser collisions with the parameterization including fully asymmetric collisional geometry. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
3	Extended search for sub-eV axion-like resonances via four-wave mixing with a quasi-parallel laser collider in a high-quality vacuum system. Progress of Theoretical and Experimental Physics, 2020, .	6.6	11
4	Electron-positron pair creation in the electric fields generated by micro-bubble implosions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126854.	2.1	10
5	Production of $\Upsilon(0)$ and $\Upsilon(1)$ mesons in U+U collisions at sNN=192 GeV. Physical Review C, 2020, 102, .	2.9	5
6	Probing and possible application of the QED vacuum with micro-bubble implosions induced by ultra-intense laser pulses. Matter and Radiation at Extremes, 2019, 4, 034401.	3.9	11
7	Relativistic proton emission from ultrahigh-energy-density nanosphere generated by microbubble implosion. Physics of Plasmas, 2019, 26, .	1.9	9
8	Increased energy of THz waves from a cluster plasma by optimizing laser pulse duration. AIP Advances, 2019, 9, 015134.	1.3	8
9	Induction of subterahertz surface waves on a metal wire by intense laser interaction with a foil. Physical Review E, 2018, 97, 023204.	2.1	2
10	Production of $\Upsilon(0)$ and $\Upsilon(1)$ mesons in Cu+Cu collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review C, 2018, 98, 014901.	2.9	14
11	Highly intensified emission of laser-accelerated electrons from a foil target through an additional rear laser plasma. Physical Review Accelerators and Beams, 2018, 21, .	1.6	2
12	Probing vacuum birefringence under a high-intensity laser field with gamma-ray polarimetry at the GeV scale. Physical Review D, 2017, 96, .	4.7	43
13	Directional linearly polarized terahertz emission from argon clusters irradiated by noncollinear double-pulse beams. Applied Physics Letters, 2017, 111, .	3.3	24
14	Gamma Polari-Calorimeter: Performing simultaneous polarization and energy measurements of gamma rays using the pair production process. , 2017, , .		0
15	Generation of sub-THz surface wave on a metal wire by intense laser interaction with a foil target. , 2017, , .		0
16	Dressed Charge of Electron by Radiation Reaction. Journal of Physics: Conference Series, 2016, 688, 012105.	0.4	0
17	Forward $\Upsilon(1)$ production in U + U collisions at sNN=193 GeV. Physical Review C, 2016, 93, .	2.9	7
18	Measurement of the higher-order anisotropic flow coefficients for identified hadrons in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review C, 2016, 93, .	2.9	16

#	ARTICLE	IF	CITATIONS
19	cross section and double-helicity asymmetry for $\bar{c}$ production at midrapidity in $p$ - $p$ collisions	4.7	37
20	Measurements of directed, elliptic, and triangular flow in $\text{Cu}+\text{Au}$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 94, .	2.9	24
21	Search for sub-eV scalar and pseudoscalar resonances via four-wave mixing with a laser collider. Progress of Theoretical and Experimental Physics, 2015, 2015, 073C01.	6.6	15
22	Heavy-quark production and elliptic flow in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 91, .	2.9	10
23	cross section and double-helicity asymmetries in polarized $p$ - $p$ collisions	4.7	10
24	Cross section for $b$ production via dielectrons in $d$ +Au collisions	2.9	17
25	Nuclear matter effects on $J/\psi$ production in asymmetric $\text{Cu}+\text{Au}$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2014, 90, .	2.9	15
26	Azimuthal-Angle Dependence of Charged-Pion-Interferometry Measurements with Respect to Second- and Third-Order Event Planes in $\text{Au}+\text{Au}$ Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 112, 222301.	7.8	20
27	Centrality categorization for $\text{Rp}(d)+\text{Au}$ in high-energy collisions. Physical Review C, 2014, 90, .	2.9	65
28	System-size dependence of open-heavy-flavor production in nucleus-nucleus collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2014, 90, .	2.9	10
29	asymmetries in neutral-pion and eta-meson production in $p$ - $p$ collisions	4.7	55
30	Measurability of $\bar{A}$ , $\bar{A}$ , and $\bar{A}$ mesons via di-electron decays in high-temperature states produced in heavy-ion collisions. Progress of Theoretical and Experimental Physics, 2013, 2013, 113H01-113H01.	6.6	1
31	Azimuthal anisotropy of $\eta$ and $\eta'$ -mesons in $\text{Au}+\text{Au}$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2013, 88, .	2.9	16
32	Nuclear Modification of $\bar{c}$ , $\bar{c}$ , and $J/\psi$ Production in $d$ +Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2013, 111, 202301.	7.8	92
33	Inclusive cross section and single transverse spin asymmetry for very forward neutron production in polarized $p$ - $p$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2013, 88, .	4.7	28
34	Double-spin asymmetry of electrons from heavy-flavor decays in $p$ - $p$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2013, 87, .	4.7	8
35	Centrality dependence of the elliptic flow in dihadron Azimuthal Correlations in Central $\text{Au}+\text{Au}$ Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2013, 87, .	7.8	246
36	Transverse momentum dependence of the nuclear modification in $d$ +Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2013, 87, .	2.9	59

#	ARTICLE	IF	CITATIONS
37	Neutral pion production with respect to centrality and reaction plane in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, .	2.9	104
38	Nuclear-modification factor for open-heavy-flavor production at forward rapidity in Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, .	2.9	30
39	Deviation from quark number scaling of the anisotropy parameter $v_2$ of pions, kaons, and protons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, .	7.8	184
40	Quark Production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, .	2.9	64
41	Cross sections and double-helicity asymmetries of midrapidity inclusive charged hadrons in p+p collisions at $\sqrt{s} = 62.4$ GeV. Physical Review D, 2012, 86, .	7.8	81
42	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2012, 86, .	4.7	7
43	Suppression of back-to-back hadron pairs at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2011, 107, 252301.	4.7	36
44	Suppression of back-to-back hadron pairs at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2011, 107, 252301.	2.9	22
45	Event structure and double helicity asymmetry in jet production from polarized p+p collisions at $\sqrt{s} = 500$ GeV. Physical Review Letters, 2011, 106, 062001.	7.8	45
46	Suppression of back-to-back hadron pairs at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2011, 107, 252301.	4.7	24
47	Suppression of back-to-back hadron pairs at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2011, 107, 252301.	7.8	249
48	Cross Section and Parity-Violating Spin Asymmetries of $W^{\pm}$ Boson Production in Polarized p+p Collisions at $\sqrt{s} = 500$ GeV. Physical Review Letters, 2011, 106, 062001.	7.8	54
49	Suppression of back-to-back hadron pairs at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2011, 107, 252301.	2.9	149
50	Suppression of back-to-back hadron pairs at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2011, 107, 252301.	7.8	96
51	Elliptic and Hexadecapole Flow of Charged Hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, .	7.8	98
52	Elliptic and Hexadecapole Flow of Charged Hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, .	7.8	87
53	Inclusive cross section and double helicity asymmetry for $W^{\pm}$ production in p+p collisions at $\sqrt{s} = 500$ GeV. Physical Review Letters, 2011, 106, 062001.	4.7	63
54	Inclusive cross section and double helicity asymmetry for $W^{\pm}$ production in p+p collisions at $\sqrt{s} = 500$ GeV. Physical Review Letters, 2011, 106, 062001.	4.7	81

#	ARTICLE	IF	CITATIONS
55	Gluon-Spin Contribution to the Proton Spin from the Double-Helicity Asymmetry in Inclusive $\rho^0$ Production in Polarized $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 20090101 Dilepton mass spectra in $p+p$ collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 20090101	7.8	72
56	$J/\psi$ Production in $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 20090101 collisions at $\sqrt{s}=200$ GeV and the contribution from open charm. Physics Letters, Section B: Nuclear and Particle Physics, 2008, 35, 104158.	4.1	75
57	Systematic measurements of light vector mesons at RHIC-PHENIX. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104158.	3.6	2
58	$J/\psi$ Production in $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 101, 122301.	7.8	109
59	IMPROVEMENT OF SIGNAL/NOISE RATIO FOR STUDYING LOW-MASS VECTOR MESONS VIA DI-ELECTRON DECAY CHANNEL IN PHENIX. International Journal of Modern Physics E, 2007, 16, 2174-2181.	1.0	1
60	$J/\psi$ Production versus Transverse Momentum and Rapidity in $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 232002. inclusive cross section and double helicity asymmetry for $J/\psi$ production in $p+p$ collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 232002.	7.8	161
61	$J/\psi$ production in $p+p$ collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252002.	4.7	163
62	Measurement of High- $p_T$ Single Electrons from Heavy-Flavor Decays in $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252002.	7.8	200