

F L H Wolfs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11374317/publications.pdf>

Version: 2024-02-01

80
papers

7,433
citations

71102

41
h-index

82547

72
g-index

81
all docs

81
docs citations

81
times ranked

7977
citing authors

#	ARTICLE	IF	CITATIONS
1	First Results from the LUX Dark Matter Experiment at the Sanford Underground Research Facility. Physical Review Letters, 2014, 112, 091303.	7.8	1,248
2	Results from a Search for Dark Matter in the Complete LUX Exposure. Physical Review Letters, 2017, 118, 021303.	7.8	1,081
3	Improved Limits on Scattering of Weakly Interacting Massive Particles from Reanalysis of 2013 LUX Data. Physical Review Letters, 2016, 116, 161301.	7.8	333
4	System Size, Energy, Pseudorapidity, and Centrality Dependence of Elliptic Flow. Physical Review Letters, 2007, 98, 242302.	7.8	303
5	Significance of the Fragmentation Region in Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 2003, 91, 052303.	7.8	268
6	Charged-Particle Multiplicity near Midrapidity in Central Au+Au Collisions at $\sqrt{s_{NN}}=56$ and 130 GeV. Physical Review Letters, 2000, 85, 3100-3104.	7.8	240
7	Charged-particle multiplicity and pseudorapidity distributions measured with the PHOBOS detector in $\sqrt{s_{NN}}=56$ and 130 GeV Au+Au collisions. Physical Review Letters, 2001, 87, 022301.	2.9	215
8	Centrality Dependence of Charged-Hadron Transverse-Momentum Spectra in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 072302.	7.8	201
9	Centrality and pseudorapidity dependence of elliptic flow for charged hadrons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	176
10	Limits on Spin-Dependent WIMP-Nucleon Cross Section Obtained from the Complete LUX Exposure. Physical Review Letters, 2017, 118, 251302.	7.8	175
11	Observation of superdeformation in Hg191. Physical Review Letters, 1989, 63, 360-363.	7.8	168
12	High Transverse Momentum Triggered Correlations over a Large Pseudorapidity Acceptance in Au+Au Collisions at $\sqrt{s_{NN}}=56$ and 130 GeV. Physical Review Letters, 2010, 104, 062301.	7.8	167
13	Charged-Particle Pseudorapidity Density Distributions from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 87, 102303.	7.8	163
14	Centrality dependence of the charged particle multiplicity near midrapidity in Au+Au collisions at $\sqrt{s_{NN}}=130$ and 200 GeV. Physical Review C, 2002, 65, .	2.9	152
15	Results on the Spin-Dependent Scattering of Weakly Interacting Massive Particles on Nucleons from the Run 3 Data of the LUX Experiment. Physical Review Letters, 2016, 116, 161302.	7.8	146
16	Results of a Search for Sub-GeV Dark Matter Using 2013 LUX Data. Physical Review Letters, 2019, 122, 131301.	7.8	119
17	Pseudorapidity and Centrality Dependence of the Collective Flow of Charged Particles in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 222301.	7.8	114
18	Baryon Rapidity Loss in Relativistic Au+Au Collisions. Physical Review Letters, 2001, 86, 1970-1973.	7.8	113

#	ARTICLE	IF	CITATIONS
19	Energy Dependence of Particle Multiplicities in Central Au+Au Collisions. Physical Review Letters, 2001, 88, 022302.	7.8	108
20	First Searches for Axions and Axionlike Particles with the LUX Experiment. Physical Review Letters, 2017, 118, 261301.	7.8	108
21	Energy Dependence of Elliptic Flow over a Large Pseudorapidity Range in Au+Au Collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2005, 94, 122303.	7.8	107
22	Scaling of charged particle production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	96
23	Pseudorapidity Distribution of Charged Particles in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 082301.	7.8	95
24	Charged-particle pseudorapidity distributions in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 74, . System size dependence of cluster properties from two-particle angular correlations in	2.9	83
25	$Cu + Cu$	2.9	81
26	Superdeformed band in Hg_{192} . Physical Review C, 1990, 41, R13-R16.	2.9	78
27	Centrality dependence of charged particle multiplicity at midrapidity in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 65, .	2.9	77
28	Lifetime measurements in the superdeformed band of Hg_{192} . Physical Review Letters, 1990, 64, 3127-3130. Non-flow correlations and elliptic flow fluctuations in	7.8	75
29	$Au + Au$ collisions at	2.9	65
30	Energy Dependence of Directed Flow over a Wide Range of Pseudorapidity in Au+Au Collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2006, 97, 012301.	7.8	62
31	Centrality Dependence of Charged Hadron Transverse Momentum Spectra in Au+Au Collisions from $\sqrt{s_{NN}}=62.4$ to 200 GeV. Physical Review Letters, 2005, 94, 082304. Event-by-Event Fluctuations of Azimuthal Particle Anisotropy in	7.8	59
32	$Au + Au$ Collisions at	7.8	56
33	Transfer cross sections for $^{58}Ni + ^{58}Ni$ and $^{58}Ni + ^{64}Ni$ in the vicinity of the fusion barrier. Physical Review Letters, 1985, 55, 280-283.	7.8	55
34	Fission and deep-inelastic scattering yields for $^{58}Ni + ^{112,124}Sn$ at energies around the barrier. Physical Review C, 1987, 36, 1379-1386.	2.9	54
35	Ratios of Charged Antiparticles-to-Particles near Mid-Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 87, 102301.	7.8	50
36	Production of ϕ mesons in Au+Au collisions at $\sqrt{s_{NN}}=1.7$ GeV. Physical Review C, 2004, 69, .	2.9	49

#	ARTICLE	IF	CITATIONS
37	Pseudorapidity distributions of charged particles in d+Au and p+p collisions at. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1133-S1137.	3.6	47
38	System Size and Centrality Dependence of Charged Hadron Transverse Momentum Spectra in Au+Au and Cu+Cu Collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review Letters, 2006, 96, 212301.	7.8	47
39	Subbarrier nucleon transfer: Doorway to heavy-ion fusion. Physical Review Letters, 1987, 58, 318-321.	7.8	45
40	Antilambda Production in Au+Au Collisions at 11.7 A GeV/c. Physical Review Letters, 2001, 87, 242301.	7.8	43
41	System Size, Energy, and Centrality Dependence of Pseudorapidity Distributions of Charged Particles in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2009, 102, 142301.	7.8	43
42	Centrality and energy dependence of charged-particle multiplicities in heavy ion collisions in the context of elementary reactions. Physical Review C, 2006, 74, .	2.9	41
43	The LUX-ZEPLIN (LZ) radioactivity and cleanliness control programs. European Physical Journal C, 2020, 80, 1.	3.9	38
44	Feeding of superdeformed bands: The mechanism and constraints on band energies and the well depth. Physical Review Letters, 1992, 69, 2479-2482.	7.8	37
45	Search for Narrow Sum-Energy Lines in Electron-Positron Pair Emission from Heavy-Ion Collisions near the Coulomb Barrier. Physical Review Letters, 1995, 75, 2658-2661.	7.8	34
46	Search for Monoenergetic Positron Emission from Heavy-Ion Collisions at Coulomb-Barrier Energies. Physical Review Letters, 1997, 78, 618-621.	7.8	34
47	Identified hadron transverse momentum spectra in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2007, 75, .	2.9	29
48	Transverse momentum and rapidity dependence of Hanbury-Brown-Twiss correlations in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2006, 73, .	2.9	28
49	Proton emission in Au+Au collisions at 6, 8, and 10.8 GeV/nucleon. Physical Review C, 2002, 66, .	2.9	26
50	Selective population of states in fission fragments from the $S^{32}+^{24}Mg$ reaction. Physical Review C, 1994, 49, 1016-1030.	2.9	25
51	Flow in Au+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1243-S1246.	3.6	25
52	Ratios of charged antiparticles to particles near midrapidity in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2003, 67, .	2.9	22
53	Charged antiparticle to particle ratios near midrapidity in p+p collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	20
54	Additional evidence for fusion-fission in $S^{32}+^{24}Mg$ reactions: Division of excitation energy and spin in the fission fragments. Physical Review C, 1990, 41, R1901-R1905.	2.9	18

#	ARTICLE	IF	CITATIONS
55	Scaling properties in bulk and particle production near midrapidity in relativistic heavy ion collisions. Physical Review C, 2009, 80, .	2.9	15
56	Positron-electron pairs produced in heavy-ion collisions. Physical Review C, 1999, 60, .	2.9	12
57	Identified charged antiparticle to particle ratios near midrapidity in Cu+Cu collisions at 200 GeV. Physical Review C, 2008, 77, .	2.9	10
58	Elastic scattering and quasielastic transfer in the system $^{76}\text{Se}+^{192}\text{Pt}$. Physical Review C, 1992, 45, 2283-2289.	2.9	8
59	Strange hadron production at low transverse momenta. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S93-S102.	3.6	6
60	Participant and spectator scaling of spectator fragments in Au + Au and Cu + Cu collisions at $\sqrt{s_{NN}}=19.6$ and 22.4 GeV. Physical Review C, 2016, 94, .	2.9	6
61	Using multiplicity as a fractional cross-section estimation for centrality in PHOBOS. Journal of Physics: Conference Series, 2005, 5, 46-54.	0.4	5
62	Projected sensitivity of the LUX-ZEPLIN experiment to the two-neutrino and neutrinoless double decays of ^{134}Xe . Physical Review C, 2021, 104, .	2.9	5
63	Internal pair conversion in heavy nuclei. Physical Review C, 1997, 55, R2755-R2759.	2.9	4
64	Overview of results from PHOBOS experiment at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1801-1807.	3.6	4
65	The landscape of particle production: results from PHOBOS. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S683-S691.	3.6	4
66	Rapidity and k_T dependence of HBT correlations in Au+Au collisions at 200 GeV with PHOBOS. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1049-S1052.	3.6	4
67	How strange is PHOBOS? First RHIC physics results and future prospects. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 659-669.	3.6	2
68	Elliptic flow in Au+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S41-S47.	3.6	2
69	Survey of Recent Results from the PHOBOS Experiment at RHIC. AIP Conference Proceedings, 2002, , .	0.4	1
70	A first look at Au+Au collisions at RHIC energies using the PHOBOS detector. Pramana - Journal of Physics, 2003, 60, 921-931.	1.8	1
71	Particle production in nuclear collisions over a broad centrality range from the PHOBOS experiment. European Physical Journal D, 2006, 56, A39-A52.	0.4	1
72	Search for two neutrino double electron capture of ^{124}Xe and ^{126}Xe in the full exposure of the LUX detector. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 105105.	3.6	1

#	ARTICLE	IF	CITATIONS
73	FIRST RESULTS FROM THE PHOBOS EXPERIMENT AT THE RHIC COLLIDER. International Journal of Modern Physics A, 2001, 16, 1265-1267.	1.5	0
74	PHOBOS at RHIC: Some global observations. Pramana - Journal of Physics, 2003, 61, 865-876.	1.8	0
75	Ultra-relativistic Au+Au and d+Au collisions: Experimental studies by PHOBOS. International Journal of Modern Physics A, 2005, 20, 4405-4411.	1.5	0
76	PHOBOS Overview. Journal of Physics: Conference Series, 2006, 50, 34-41.	0.4	0
77	ZEPLIN-II limits on WIMP-nucelon interactions. , 2009, , .		0
78	Recent results from PHOBOS on particle production at high p T. European Physical Journal C, 2009, 61, 575-582.	3.9	0
79	Nucleon-gold collisions at $\langle \text{mml:math} \rangle$ $\langle \text{mml:mn} \rangle 200 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{GeV}$ using tagged $\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle$ $\langle \text{mml:math} \rangle$ interactions in the PHOBOS detector. Physical Review C, 2015, 92, , .		
80	SYSTEMATICS OF CHARGED PARTICLE PRODUCTION IN HEAVY-ION COLLISIONS WITH THE PHOBOS DETECTOR AT RHIC. , 2002, , .		0