

# 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	Projected sensitivity of the LUX-ZEPLIN experiment to the two-neutrino and neutrinoless double decays of $^{124}\text{Xe}$ and $^{126}\text{Xe}$ . Physical Review C, 2021, 104, .	2.9	5
2	The LUX-ZEPLIN (LZ) radioactivity and cleanliness control programs. European Physical Journal C, 2020, 80, 1.	3.9	38
3	Search for two neutrino double electron capture of $^{124}\text{Xe}$ and $^{126}\text{Xe}$ in the full exposure of the LUX detector. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 105105.	3.6	1
4	Results of a Search for Sub-GeV Dark Matter Using 2013 LUX Data. Physical Review Letters, 2019, 122, 131301.	7.8	119
5	Results from a Search for Dark Matter in the Complete LUX Exposure. Physical Review Letters, 2017, 118, 021303.	7.8	1,081
6	First Searches for Axions and Axionlike Particles with the LUX Experiment. Physical Review Letters, 2017, 118, 261301.	7.8	108
7	Limits on Spin-Dependent WIMP-Nucleon Cross Section Obtained from the Complete LUX Exposure. Physical Review Letters, 2017, 118, 251302.	7.8	175
8	Improved Limits on Scattering of Weakly Interacting Massive Particles from Reanalysis of 2013 LUX Data. Physical Review Letters, 2016, 116, 161301.	7.8	333
9	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
10	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
11	Nucleon-gold collisions at $200 < A < 208 < GeV$ using tagged $d$ interactions in the PHOBOS detector. Physical Review C, 2015, 92, .	2.9	0
12	First Results from the LUX Dark Matter Experiment at the Sanford Underground Research Facility. Physical Review Letters, 2014, 112, 091303.	7.8	1,248
13	Charged-particle multiplicity and pseudorapidity distributions measured with the PHOBOS detector in Au + Au collisions at $\sqrt{s_{NN}}=200 < GeV$ . Physical Review Letters, 2011, 106, 022301.	2.9	215
14	Event-by-Event Fluctuations of Azimuthal Particle Anisotropy in Au + Au collisions at $\sqrt{s_{NN}}=200 < GeV$ . Physical Review C, 2011, 83, .	7.8	56
15	Non-flow correlations and elliptic flow fluctuations in Au + Au collisions at $\sqrt{s_{NN}}=200 < GeV$ . Physical Review C, 2010, 82, 054904.	7.8	167
16	Scaling properties in bulk and particle production near midrapidity in relativistic heavy ion collisions. Physical Review C, 2009, 80, .	2.9	65
17	Scaling properties in bulk and particle production near midrapidity in relativistic heavy ion collisions. Physical Review C, 2009, 80, .	2.9	81
18	Scaling properties in bulk and particle production near midrapidity in relativistic heavy ion collisions. Physical Review C, 2009, 80, .	2.9	215

#	ARTICLE	IF	CITATIONS
19	System Size, Energy, and Centrality Dependence of Pseudorapidity Distributions of Charged Particles in Relativistic Heavy-Ion Collisions. <i>Physical Review Letters</i> , 2009, 102, 142301.	7.8	43
20	ZEPLIN-II limits on WIMP-nucleon interactions. , 2009, , .		0
21	Recent results from PHOBOS on particle production at high p T. <i>European Physical Journal C</i> , 2009, 61, 575-582.	3.9	0
22	Identified charged antiparticle to particle ratios near midrapidity in Cu+Cu collisions at $\sqrt{s_{NN}} = 2.9$ and 200 GeV. <i>Physical Review C</i> , 2008, 77, .	2.9	10
23	System Size, Energy, Pseudorapidity, and Centrality Dependence of Elliptic Flow. <i>Physical Review Letters</i> , 2007, 98, 242302.	7.8	303
24	Identified hadron transverse momentum spectra in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. <i>Physical Review C</i> , 2007, 75, .	2.9	29
25	PHOBOS Overview. <i>Journal of Physics: Conference Series</i> , 2006, 50, 34-41.	0.4	0
26	Particle production in nuclear collisions over a broad centrality range from the PHOBOS experiment. <i>European Physical Journal D</i> , 2006, 56, A39-A52.	0.4	1
27	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. <i>Physical Review Letters</i> , 2006, 96, 212301.	7.8	47
28	Energy Dependence of Directed Flow over a Wide Range of Pseudorapidity in Au+Au Collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review Letters</i> , 2006, 97, 012301.	7.8	62
29	Charged-particle pseudorapidity distributions in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. <i>Physical Review C</i> , 2006, 74, .	2.9	83
30	Transverse momentum and rapidity dependence of Hanbury-Brown-Twiss correlations in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV. <i>Physical Review C</i> , 2006, 73, .	2.9	28
31	Centrality and energy dependence of charged-particle multiplicities in heavy ion collisions in the context of elementary reactions. <i>Physical Review C</i> , 2006, 74, .	2.9	41
32	Using multiplicity as a fractional cross-section estimation for centrality in PHOBOS. <i>Journal of Physics: Conference Series</i> , 2005, 5, 46-54.	0.4	5
33	Scaling of charged particle production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2005, 72, .	2.9	96
34	Charged antiparticle to particle ratios near midrapidity in p+p collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2005, 71, .	2.9	20
35	Centrality and pseudorapidity dependence of elliptic flow for charged hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2005, 72, .	2.9	176
36	Energy Dependence of Elliptic Flow over a Large Pseudorapidity Range in Au+Au Collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review Letters</i> , 2005, 94, 122303.	7.8	107

#	ARTICLE	IF	CITATIONS
37	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.	7.8	59
38	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
39	Elliptic flow in Au+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S41-S47.	3.6	2
40	The landscape of particle production: results from PHOBOS. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S683-S691.	3.6	4
41	Strange hadron production at low transverse momenta. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S93-S102.	3.6	6
42	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
43	Pseudorapidity distributions of charged particles in d+Au and p+p collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1133-S1137.	3.6	47
44	Flow in Au+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1243-S1246.	3.6	25
45	Pseudorapidity Distribution of Charged Particles in d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 082301.	7.8	95
46	Production of $\phi$ mesons in Au+Au collisions at $\sqrt{s_{NN}}=11.7$ GeV. Physical Review C, 2004, 69, .	2.9	49
47	PHOBOS at RHIC: Some global observations. Pramana - Journal of Physics, 2003, 61, 865-876.	1.8	0
48	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
49	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
50	Significance of the Fragmentation Region in Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 2003, 91, 052303.	7.8	268
51	Centrality Dependence of Charged-Hadron Transverse-Momentum Spectra in d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 072302.	7.8	201
52	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
53	Proton emission in Au+Au collisions at 6, 8, and 10.8 GeV/nucleon. Physical Review C, 2002, 66, .	2.9	26
54	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

#	ARTICLE	IF	CITATIONS
55	Centrality dependence of the charged particle multiplicity near midrapidity in Au+Au collisions at $\sqrt{s_{NN}}=130$ and 200 GeV. <i>Physical Review C</i> , 2002, 65, .	2.9	152
56	Overview of results from PHOBOS experiment at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 1801-1807.	3.6	4
57	Survey of Recent Results from the PHOBOS Experiment at RHIC. <i>AIP Conference Proceedings</i> , 2002, , .	0.4	1
58	SYSTEMATICS OF CHARGED PARTICLE PRODUCTION IN HEAVY-ION COLLISIONS WITH THE PHOBOS DETECTOR AT RHIC. , 2002, , .		0
59	FIRST RESULTS FROM THE PHOBOS EXPERIMENT AT THE RHIC COLLIDER. <i>International Journal of Modern Physics A</i> , 2001, 16, 1265-1267.	1.5	0
60	How strange is PHOBOS? First RHIC physics results and future prospects. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 659-669.	3.6	2
61	Baryon Rapidity Loss in Relativistic Au+Au Collisions. <i>Physical Review Letters</i> , 2001, 86, 1970-1973.	7.8	113
62	Charged-Particle Pseudorapidity Density Distributions from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, 102303.	7.8	163
63	Energy Dependence of Particle Multiplicities in Central Au+Au Collisions. <i>Physical Review Letters</i> , 2001, 88, 022302.	7.8	108
64	Antilambda Production in Au+Au Collisions at 11.7 A GeV/c. <i>Physical Review Letters</i> , 2001, 87, 242301.	7.8	43
65	Ratios of Charged Antiparticles-to-Particles near Mid-Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, 102301.	7.8	50
66	Charged-Particle Multiplicity near Midrapidity in Central Au+Au Collisions at $\sqrt{s_{NN}}=56$ and 130 GeV. <i>Physical Review Letters</i> , 2000, 85, 3100-3104.	7.8	240
67	Positron-electron pairs produced in heavy-ion collisions. <i>Physical Review C</i> , 1999, 60, .	2.9	12
68	Search for Monoenergetic Positron Emission from Heavy-Ion Collisions at Coulomb-Barrier Energies. <i>Physical Review Letters</i> , 1997, 78, 618-621.	7.8	34
69	Internal pair conversion in heavy nuclei. <i>Physical Review C</i> , 1997, 55, R2755-R2759.	2.9	4
70	Search for Narrow Sum-Energy Lines in Electron-Positron Pair Emission from Heavy-Ion Collisions near the Coulomb Barrier. <i>Physical Review Letters</i> , 1995, 75, 2658-2661.	7.8	34
71	Selective population of states in fission fragments from the $^{32}\text{S}+^{24}\text{Mg}$ reaction. <i>Physical Review C</i> , 1994, 49, 1016-1030.	2.9	25
72	Elastic scattering and quasielastic transfer in the system $^{76,82}\text{Se}+^{192,198}\text{Pt}$ . <i>Physical Review C</i> , 1992, 45, 2283-2289.	2.9	8

#	ARTICLE	IF	CITATIONS
73	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
74	Superdeformed band inHg192. Physical Review C, 1990, 41, R13-R16.	2.9	78
75	Additional evidence for fusion-fission inS32+24Mg reactions: Division of excitation energy and spin in the fission fragments. Physical Review C, 1990, 41, R1901-R1905.	2.9	18
76	Lifetime measurements in the superdeformed band ofHg192. Physical Review Letters, 1990, 64, 3127-3130.	7.8	75
77	Observation of superdeformation inHg191. Physical Review Letters, 1989, 63, 360-363.	7.8	168
78	Fission and deep-inelastic scattering yields for58Ni+112,124Sn at energies around the barrier. Physical Review C, 1987, 36, 1379-1386.	2.9	54
79	Subbarrier nucleon transfer: Doorway to heavy-ion fusion. Physical Review Letters, 1987, 58, 318-321.	7.8	45
80	Transfer cross sections for58Ni+58Ni and58Ni+64Ni in the vicinity of the fusion barrier. Physical Review Letters, 1985, 55, 280-283.	7.8	55