

Lawrence Weinstein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/198912/publications.pdf>

Version: 2024-02-01

35
papers

2,365
citations

331670

21
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing Cold Dense Nuclear Matter. Science, 2008, 320, 1476-1478.	12.6	362
2	Momentum sharing in imbalanced Fermi systems. Science, 2014, 346, 614-617.	12.6	233
3	Measurement of Two- and Three-Nucleon Short-Range Correlation Probabilities in Nuclei. Physical Review Letters, 2006, 96, 082501.	7.8	225
4	Basic instrumentation for Hall A at Jefferson Lab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 294-346.	1.6	215
5	Short Range Correlations and the EMC Effect. Physical Review Letters, 2011, 106, 052301.	7.8	163
6	Investigation of Proton-Proton Short-Range Correlations via the $C^{12}(e,e')^2$ reaction. Physical Review Letters, 2011, 106, 052301.	7.8	158
7	Observation of nuclear scaling in the $A(e,e')^2$ reaction at $x_B > 1$. Physical Review C, 2003, 68, .	2.9	132
8	Probing the Repulsive Core of the Nucleon-Nucleon Interaction via the $^4\text{He}(e,e')^4$ reaction. Physical Review Letters, 2011, 106, 052301.		

#	ARTICLE	IF	CITATIONS
19	Neutron Valence Structure from Nuclear Deep Inelastic Scattering. Physical Review Letters, 2020, 124, 092002.	7.8	27
20	Measurement of transparency ratios for protons from short-range correlated pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 63-68.	4.1	23
21	Short range correlations and the isospin dependence of nuclear correlation functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 304-308.	4.1	23
22	Generalized contact formalism analysis of the $4\text{He}(e,e^{\prime}pN)$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135429.	4.1	20
23	$^{12}\text{C}(e,e^{\prime}pN)$ measurements of short range correlations in the tensor-to-scalar interaction transition region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136523.	4.1	18
24	Extracting the number of short-range correlated nucleon pairs from inclusive electron scattering data. Physical Review C, 2021, 103, . Probing Few-Body Nuclear Dynamics via $\langle \text{mml:math}$	2.9	17
25	$\langle H \rangle$ and $\langle H^3 \rangle$ and $\langle H^4 \rangle$ correlations. $\langle \text{mml:math}$	7.8	16
26	Measurement of nuclear transparency ratios for protons and neutrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134792.	4.1	15
27	Novel observation of isospin structure of short-range correlations in calcium isotopes. Physical Review C, 2020, 102, .	2.9	11
28	Measuring recoiling nucleons from the nucleus with the future Electron Ion Collider. Physical Review C, 2022, 105, .	2.9	5
29	NN correlations measured in $^3\text{He}(e, e^{\prime}pp)n$. European Physical Journal A, 2003, 17, 429-432.	2.5	4
30	Electron- and positron-proton elastic scattering in CLAS. , 2009, , .		4
31	Short-range correlations and the nuclear EMC effect in deuterium and helium-3. Physical Review Research, 2021, 3, .	3.6	4
32	Short Range Correlations in Nuclei. AIP Conference Proceedings, 2006, , .	0.4	0
33	The Jefferson Lab Few Body Physics Program. , 2001, , .		0
34	NN CORRELATIONS MEASURED IN $^3\text{He}(e, e^{\prime}pp)n$. , 2003, , .		0
35	BEYOND THE BORN APPROXIMATION: A PRECISE COMPARISON OF POSITRON-PROTON AND ELECTRON-PROTON ELASTIC SCATTERING IN CLAS. , 2008, , .		0