

Jingke Xu

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,790
citations

186265
28
h-index

254184
43
g-index

50
all docs

50
docs citations

50
times ranked

5893
citing authors

#	ARTICLE	IF	CITATIONS
1	LBECA: A Low Background Electron Counting Apparatus for Sub-GeV Dark Matter Detection. Journal of Physics: Conference Series, 2020, 1468, 012035.	0.4	14
2	Investigation of background electron emission in the LUX detector. Physical Review D, 2020, 102, .	4.7	29
3	Electron extraction efficiency study for dual-phase xenon dark matter experiments. Physical Review D, 2019, 99, .	4.7	22
4	The SABRE project and the SABRE Proof-of-Principle. European Physical Journal C, 2019, 79, 1.	3.9	73
5	Low-Energy Physics Reach of Xenon Detectors for Nuclear-Recoil-Based Dark Matter and Neutrino Experiments. Physical Review Letters, 2019, 123, 231106.	7.8	14
6	Monte Carlo simulation of the SABRE PoP background. Astroparticle Physics, 2019, 106, 1-9.	4.3	26
7	Search for annual and diurnal rate modulations in the LUX experiment. Physical Review D, 2018, 98, .	4.7	34
8	Calibration, event reconstruction, data analysis, and limit calculation for the LUX dark matter experiment. Physical Review D, 2018, 97, .	4.7	29
9	Results from a Search for Dark Matter in the Complete LUX Exposure. Physical Review Letters, 2017, 118, 021303.	7.8	1,081
10	Quenching measurements and modeling of a boron-loaded organic liquid scintillator. Journal of Instrumentation, 2017, 12, P08002-P08002.	1.2	6
11	First measurement of surface nuclear recoil background for argon dark matter searches. Physical Review D, 2017, 96, .	4.7	6
12	The DarkSide direct dark matter search with liquid argon. AIP Conference Proceedings, 2017, , .	0.4	0
13	THE DARKSIDE-50 EXPERIMENT: A LIQUID ARGON TARGET FOR DARK MATTER PARTICLES. , 2017, , 355-360.		0
14	The DarkSide Program. EPJ Web of Conferences, 2016, 121, 06010.	0.3	0
15	The veto system of the DarkSide-50 experiment. Journal of Instrumentation, 2016, 11, P03016-P03016.	1.2	33
16	A first walk on the DarkSide. Nuclear and Particle Physics Proceedings, 2016, 273-275, 452-458.	0.5	0
17	Results from the first use of low radioactivity argon in a dark matter search. Physical Review D, 2016, 93, .	4.7	108
18	SABRE: A New NaI(Tl) Dark Matter Direct Detection Experiment. Physics Procedia, 2015, 61, 169-178.	1.2	39

#	ARTICLE	IF	CITATIONS
19	Scintillation efficiency measurement of Na recoils in NaI(Tl) below the DAMA/LIBRA energy threshold. Physical Review C, 2015, 92, .	2.9	34
20	SABRE – A test of DAMA with high-purity NaI(Tl) crystals. AIP Conference Proceedings, 2015, , .	0.4	12
21	The DarkSide Multiton Detector for the Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-8.	1.1	21
22	First results from the DarkSide-50 dark matter experiment at Laboratori Nazionali del Gran Sasso. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 456-466.	4.1	186
23	A study of the trace ^{39}Ar content in argon from deep underground sources. Astroparticle Physics, 2015, 66, 53-60.	4.3	22
24	Final results of Borexino Phase-I on low-energy solar neutrino spectroscopy. Physical Review D, 2014, 89, .	4.7	204
25	Lifetimes of ^{214}Po and ^{212}Po measured with Counting Test Facility at Gran Sasso National Laboratory. Journal of Environmental Radioactivity, 2014, 138, 444-446.	1.7	1
26	Low energy neutrinos. International Journal of Modern Physics Conference Series, 2014, 31, 1460285.	0.7	0
27	Lifetime measurements of ^{214}Po and ^{212}Po with the CTF liquid scintillator detector at LNGS. European Physical Journal A, 2013, 49, 1.	2.5	17
28	New limits on heavy sterile neutrino mixing in $B \rightarrow 8\gamma$ decay obtained with the Borexino detector. Physical Review D, 2013, 88, .	4.7	29
29	Neutrinos from the sun and from radioactive sources. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 77-81.	0.4	0
30	Light yield in DarkSide-10: A prototype two-phase argon TPC for dark matter searches. Astroparticle Physics, 2013, 49, 44-51.	4.3	36
31	Solar neutrino results from Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 104-106.	0.4	1
32	Measurement of geo-neutrinos from 1353 days of Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 295-300.	4.1	92
33	Recent results and future development of Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2013, 235-236, 55-60.	0.4	3
34	Cosmogenic Backgrounds in Borexino at 3800 m water-equivalent depth. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 049-049.	5.4	63
35	DarkSide search for dark matter. Journal of Instrumentation, 2013, 8, C11021-C11021.	1.2	36
36	Cosmic-muon flux and annual modulation in Borexino at 3800 m water-equivalent depth. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 015-015.	5.4	47

