

Litao Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Limits on Light Weakly Interacting Massive Particles from the First $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 102.8 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\epsilon} \% \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \text{kg} \langle \text{mml:mtext} \rangle \langle \text{mml:mo} \rangle \wedge$ Data of the CDEX-10 Experiment. <i>Physical Review Letters</i> , 2018, 120, 241301.	7.8	106
2	Constraints on Spin-Independent Nucleus Scattering with sub-GeV Weakly Interacting Massive Particle Dark Matter from the CDEX-1B Experiment at the China Jinping Underground Laboratory. <i>Physical Review Letters</i> , 2019, 123, 161301.	7.8	104
3	Progress of Jinping Underground laboratory for Nuclear Astrophysics (JUNA). <i>Science China: Physics, Mechanics and Astronomy</i> , 2016, 59, 1.	5.1	45
4	Limits on light WIMPs with a 1 kg-scale germanium detector at 160 eVee physics threshold at the China Jinping Underground Laboratory. <i>Chinese Physics C</i> , 2018, 42, 023002.	3.7	40
5	Search for Light Weakly-Interacting-Massive-Particle Dark Matter by Annual Modulation Analysis with a Point-Contact Germanium Detector at the China Jinping Underground Laboratory. <i>Physical Review Letters</i> , 2019, 123, 221301.	7.8	37
6	Neutrino portal to FIMP dark matter with an early matter era. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	32
7	Direct Detection Constraints on Dark Photons with the CDEX-10 Experiment at the China Jinping Underground Laboratory. <i>Physical Review Letters</i> , 2020, 124, 111301.	7.8	27
8	Bulk and surface event identification in p-type germanium detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 886, 13-23.	1.6	24
9	Improved limits on solar axions and bosonic dark matter from the CDEX-1B experiment using the profile likelihood ratio method. <i>Physical Review D</i> , 2020, 101, .	4.7	20
10	Studies of the Earth shielding effect to direct dark matter searches at the China Jinping Underground Laboratory. <i>Physical Review D</i> , 2022, 105, .	4.7	17
11	First results on ^{76}Ge neutrinoless double beta decay from CDEX-1 experiment. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	5.1	16
12	Study on cosmogenic activation in germanium detectors for future tonne-scale CDEX experiment. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	15
13	Performances of a prototype point-contact germanium detector immersed in liquid nitrogen for light dark matter search. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	11
14	Results of direct dark matter detection with CDEX experiment at CJPL. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012070.	0.4	10
15	First experimental constraints on WIMP couplings in the effective field theory framework from CDEX. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	8
16	Progress of Jinping Underground laboratory for Nuclear Astrophysics (JUNA). <i>EPJ Web of Conferences</i> , 2016, 109, 09001.	0.3	6