Andi Tan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10781860/publications.pdf

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24 papers	2,519 citations	430874 18 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	6190 citing authors

#	Article	IF	Citations
1	Search for Cosmic-Ray Boosted Sub-GeV Dark Matter at the PandaX-II Experiment. Physical Review Letters, 2022, 128, 171801.	7.8	33
2	A search for two-component Majorana dark matter in a simplified model using the full exposure data of PandaX-II experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137254.	4.1	1
3	A Search for Solar Axions and Anomalous Neutrino Magnetic Moment with the Complete PandaX-II Data*. Chinese Physics Letters, 2021, 38, 011301.	3.3	24
4	Search for Light Dark Matterâ€“Electron Scattering in the PandaX-II Experiment. Physical Review Letters, 2021, 126, 211803.	7.8	49
5	Determination of responses of liquid xenon to low energy electron and nuclear recoils using a PandaX-II detector *. Chinese Physics C, 2021, 45, 075001.	3.7	12
6	Constraining self-interacting dark matter with the full dataset of PandaX-II. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	12
7	Dark Matter Search Results from the PandaX-4T Commissioning Run. Physical Review Letters, 2021, 127, 261802.	7.8	228
8	An improved evaluation of the neutron background in the PandaX-II experiment. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	13
9	Results of dark matter search using the full PandaX-II exposure *. Chinese Physics C, 2020, 44, 125001.	3.7	80
10	Dark matter direct search sensitivity of the PandaX-4T experiment. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	103
11	A low-cost slow control system for the PandaX-4T experiment. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	0
12	PandaX-II constraints on spin-dependent WIMP-nucleon effective interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 193-198.	4.1	51
13	Searching for neutrino-less double beta decay of ¹³⁶Xe with PandaX-II liquid xenon detector *. Chinese Physics C, 2019, 43, 113001.	3.7	20
14	Constraining Dark Matter Models with a Light Mediator at the PandaX-II Experiment. Physical Review Letters, 2018, 121, 021304.	7.8	57
15	Spin-Dependent Weakly-Interacting-Massive-Particleâ€“Nucleon Cross Section Limits from First Data of PandaX-II Experiment. Physical Review Letters, 2017, 118, 071301.	7.8	101
16	PandaX-III: Searching for neutrinoless double beta decay with high pressure 136Xe gas time projection chambers. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	86
17	Limits on Axion Couplings from the First 80 Days of Data of the PandaX-II Experiment. Physical Review Letters, 2017, 119, 181806.	7.8	87
18	Dark Matter Results from 54-Ton-Day Exposure of PandaX-II Experiment. Physical Review Letters, 2017, 119, 181302.	7.8	764

#	Article	IF	Citations
19	Exploring the dark matter inelastic frontier with 79.6 days of PandaX-II data. Physical Review D, 2017, 96, .	4.7	12
20	Dark Matter Results from First 98.7 Days of Data from the PandaX-II Experiment. Physical Review Letters, 2016, 117, 121303.	7.8	501
21	Dark matter search results from the commissioning run of PandaX-II. Physical Review D, 2016, 93, .	4.7	59
22	Low-mass dark matter search results from full exposure of the PandaX-I experiment. Physical Review D, 2015, 92, .	4.7	45
23	First dark matter search results from the PandaX-I experiment. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2024-2030.	5.1	72
24	PandaX: a liquid xenon dark matter experiment at CJPL. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1476-1494.	5.1	99