

Meng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9128437/publications.pdf>

Version: 2024-02-01

77

papers

6,604

citations

159585

30

h-index

74163

75

g-index

78

all docs

78

docs citations

78

times ranked

9162

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	Charge resolution in the isochronous mass spectrometry and the mass of Co . Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	11
5	Search for Light Dark Matter–Electron Scattering in the PandaX-II Experiment. Physical Review Letters, 2021, 126, 211803.	7.8	49
6	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
7	Constraining self-interacting dark matter with the full dataset of PandaX-II. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	12
8	Dark Matter Search Results from the PandaX-4T Commissioning Run. Physical Review Letters, 2021, 127, 261802.	7.8	228
9	An improved evaluation of the neutron background in the PandaX-II experiment. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	13
10	Results of dark matter search using the full PandaX-II exposure *. Chinese Physics C, 2020, 44, 125001.	3.7	80
11	Development of MAPS-based detector ladders for the BESIII inner tracker upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 287-292.	1.6	3
12	Dark matter direct search sensitivity of the PandaX-4T experiment. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	103
13	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
14	Searching for neutrino-less double beta decay of ^{136}Xe with PandaX-II liquid xenon detector *. Chinese Physics C, 2019, 43, 113001.	3.7	20
15	Towards the full realization of the RIBLL2 beam line at the HIRFL-CSR complex. Science Bulletin, 2018, 63, 78-80.	9.0	24
16	Towards a complete reconstruction of supernova neutrino spectra in future large liquid-scintillator detectors. Physical Review D, 2018, 97, .	4.7	21
17	Measurements of the branching fractions of the singly Cabibbo-suppressed decays $D\bar{D} \rightarrow \pi^+\pi^-$, $D_s\bar{D}_s \rightarrow \pi^+\pi^-$ and $D_s\bar{D}_s \rightarrow \eta\eta$. Physical Review D, 2018, 97, .	4.7	2
18	Observation of $\text{D}\bar{\text{D}} \rightarrow \pi^+\pi^-$, $\text{D}_s\bar{\text{D}}_s \rightarrow \pi^+\pi^-$ and $\text{D}_s\bar{\text{D}}_s \rightarrow \eta\eta$. Physical Review D, 2018, 97, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	Precision mass measurements of short-lived nuclides at HIRFL-CSR in Lanzhou. <i>Frontiers of Physics</i> , 2018, 13, 1. Observation of $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow>\langle mml:mi>3686</mml:mi>\langle mml:mo stretchy="false">(</mml:mo>\langle mml:mn>n</mml:mn>\langle mml:mo stretchy="false">)\langle mml:mo>\langle mml:mo stretchy="false">(\langle mml:mo>\langle mml:mi>n</mml:mi>\langle mml:mover accent="true">< mml:mrow>\langle mml:mi>n</mml:mi>\langle mml:mrow>\langle mml:mo stretchy="false">>\hat{</mml:mo>\langle mml:mrow>\langle mml:math> and improved meas$	5.0	9
20	Constraining Dark Matter Models with a Light Mediator at the PandaX-II Experiment. <i>Physical Review Letters</i> , 2018, 121, 021304.	4.7	10
21	Development of a hybrid mode linear transformer driver stage. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	1
22	Spin-Dependent Weakly-Interacting-Massive-Particleâ€“Nucleon Cross Section Limits from First Data of PandaX-II Experiment. <i>Physical Review Letters</i> , 2017, 118, 071301.	7.8	101
23	PandaX-III: Searching for neutrinoless double beta decay with high pressure ^{136}Xe gas time projection chambers. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	5.1	86
24	The NUBASE2016 evaluation of nuclear properties. <i>Chinese Physics C</i> , 2017, 41, 030001.	3.7	477
25	The AME2016 atomic mass evaluation (II). Tables, graphs and references. <i>Chinese Physics C</i> , 2017, 41, 030003.	3.7	1,127
26	Limits on Axion Couplings from the First 80 Days of Data of the PandaX-II Experiment. <i>Physical Review Letters</i> , 2017, 119, 181806.	7.8	87
27	Dark Matter Results from 54-Ton-Day Exposure of PandaX-II Experiment. <i>Physical Review Letters</i> , 2017, 119, 181302.	7.8	764
28	Exploring the dark matter inelastic frontier with 79.6 days of PandaX-II data. <i>Physical Review D</i> , 2017, 96, .	4.7	12
29	Geometry optimization of a barrel silicon pixelated tracker. <i>Chinese Physics C</i> , 2017, 41, 086001.	3.7	0
30	Neutrino physics with JUNO. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 030401.	3.6	750
31	Dark Matter Results from First 98.7 Days of Data from the PandaX-II Experiment. <i>Physical Review Letters</i> , 2016, 117, 121303.	7.8	501
32	Dark matter search results from the commissioning run of PandaX-II. <i>Physical Review D</i> , 2016, 93, .	4.7	59
33	Low-mass dark matter search results from full exposure of the PandaX-I experiment. <i>Physical Review D</i> , 2015, 92, .	4.7	45
34	A data analysis method for isochronous mass spectrometry using two time-of-flight detectors at CSRe. <i>Chinese Physics C</i> , 2015, 39, 106201.	3.7	10
35	Onsite data processing and monitoring for the Daya Bay experiment. <i>Chinese Physics C</i> , 2014, 38, 086001.	3.7	3

#	ARTICLE	IF	CITATIONS
37	Isochronicity corrections for isochronous mass measurements at the HIRFL-CSRe. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 53-57.	1.6	9
38	First dark matter search results from the PandaX-I experiment. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2024-2030.	5.1	72
39	PandaX: a liquid xenon dark matter experiment at CJPL. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1476-1494.	5.1	99
40	Improved measurement of electron antineutrino disappearance at Daya Bay. Chinese Physics C, 2013, 37, 011001.	3.7	253
41	A high performance Time-of-Flight detector applied to isochronous mass measurement at CSRe. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 624, 109-113.	1.6	73
42	Improved measurement of $\bar{\nu}$ (2S) decays into e^+ , e^- . Physical Review D, 2006, 74, .	4.7	2
43	Heavy Flavors in High Energy ep Collisions. AIP Conference Proceedings, 2006, , . Evidence of $\langle \text{cmml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns: xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mm="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	0.4	0
44	$\bar{\nu}$ (2S) decays into π^+ plus two photons. Physical Review D, 2004, 70, .	4.7	25
45	Observation of the Decay $\bar{\nu}$ (2S) \rightarrow KS0KLO. Physical Review Letters, 2004, 92, 052001.	7.8	28
46	Measurement of the branching fraction of $\bar{\nu}$ (2S) \rightarrow e^+e^- . Physical Review D, 2004, 70, .	4.7	53
47	Improved measurement of the branching ratio of $\bar{\nu}$ (2S) \rightarrow KS0KLO. Physical Review D, 2004, 69, .	4.7	24
48	Determination of $B(\bar{c}c \rightarrow pp\bar{K})$ in $\bar{\nu}$ (2S) decays. Physical Review D, 2004, 69, .	4.7	4
49	Search for the pentaquark state in $\bar{\nu}$ (2S) and $\bar{\nu}$ decays to $K\bar{S}0p\bar{K}$ and $K\bar{S}0p\bar{K}K+n$. Physical Review D, 2004, 70, .	4.7	88
50	Measurement of inclusive momentum spectra and multiplicity distributions of charged particles at $\sqrt{s} = 42$ GeV. Physical Review D, 2004, 69, .	4.7	5
51	Measurement of branching ratios for $\bar{c}c$ hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 16-22.	4.1	12
52	Search for KOSKOS in J/ψ and $\bar{\nu}$ (2S) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 7-13.	4.1	5
53	Measurements of $J/\psi \rightarrow pp\bar{K}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 42-48.	4.1	23

#	ARTICLE	IF	CITATIONS
55	A study of $J/\psi \rightarrow V(\pi\pi)$ decays with the BESII detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 594, 47-53.	4.1	23
56	Measurements of $\psi(2S)$ decays into vector-tensor final states. Physical Review D, 2004, 69, .	4.7	32
57	Search for lepton flavor violation process $J/\psi \rightarrow e^+e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 49-54.	4.1	13
58	Measurements of the mass and full-width of the ψc meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 555, 174-180.	4.1	21
59	$\psi(2S)$ two- and three-body hadronic decays. Physical Review D, 2003, 67, .	4.7	17
60	Observation of a Near-Threshold Enhancement in the $p\bar{p}$ Mass Spectrum from Radiative $J/\psi \rightarrow \psi p\bar{p}$ Decays. Physical Review Letters, 2003, 91, 022001.	7.8	260
61	Partial wave analyses of $J/\psi \rightarrow K^+K^-$ and $K^0\bar{K}^0$. Physical Review D, 2003, 68, .	4.7	53
62	First evidence of $\psi \rightarrow \pi^+\pi^-$ decays. Physical Review D, 2003, 67, .	4.7	13
63	First measurement of the branching fraction of the decay $\psi(2S) \rightarrow \pi^+\pi^-$. Physical Review D, 2002, 65, .	4.7	5
64	A measurement of $\psi(2S)$ resonance parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 550, 24-32.	4.1	28
65	Study of production from. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 75-82.	4.1	63
66	The BES upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 458, 627-637.	1.6	229
67	Charmonium Decays to Axial-Vector Plus Pseudoscalar Mesons. Physical Review Letters, 1999, 83, 1918-1921.	7.8	15
68	Partial wave analysis of $J/\psi \rightarrow \pi^+(\pi^- + \eta)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 356-362.	4.1	25
69	Partial wave analysis of $J/\psi \rightarrow (K^+K^-)\pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 217-224.	4.1	19
70	Decays of the J/ψ to and final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 213-218.	4.1	15
71	Study of the P-Wave Charmonium State $\psi \rightarrow \pi^+\pi^-$ in $\psi(2S)$ Decays. Physical Review Letters, 1998, 81, 3091-3095.	7.8	31
72	Experimental Study of J/ψ Radiative Decay to $\pi^+\pi^-$. Physical Review Letters, 1998, 81, 1179-1182.	7.8	26

#	ARTICLE	IF	CITATIONS
73	$\psi(2S)$ Hadronic Decays to Vector-Tensor Final States. Physical Review Letters, 1998, 81, 5080-5084.	7.8	22
74	Branching fractions for $\psi(2S) \rightarrow \pi^0\pi^0$ and $\pi^0\eta$. Physical Review D, 1998, 58, .	4.7	16
75	Search for $\psi(2S)$ production in $e+e^-$ annihilations at 4.03 GeV. Physical Review D, 1998, 57, 3854-3859.	4.7	8
76	Determination of the leptonic branching fraction via $\psi(2S) \rightarrow e^+e^-/\gamma$. Physical Review D, 1998, 58, .	4.7	23
77	Measurement of the branching fraction of Ds-inclusive semileptonic decay $D_s \rightarrow e^+X$. Physical Review D, 1997, 56, 3779-3782.	4.7	3