Meng Wang

List of Publications by Year
in descending order

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77	6,604	159585 30	74163 75
papers	citations	h-index	g-index

78	78	78	9162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The AME2016 atomic mass evaluation (II). Tables, graphs and references. Chinese Physics C, 2017, 41, 030003.	3.7	1,127
2	Dark Matter Results from 54-Ton-Day Exposure of PandaX-II Experiment. Physical Review Letters, 2017, 119, 181302.	7.8	764
3	Neutrino physics with JUNO. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 030401.	3.6	750
4	Dark Matter Results from First 98.7 Days of Data from the PandaX-II Experiment. Physical Review Letters, 2016, 117, 121303.	7.8	501
5	The NUBASE2016 evaluation of nuclear properties. Chinese Physics C, 2017, 41, 030001.	3.7	477
6	Observation of a Near-Threshold Enhancement in theppÂ¯Mass Spectrum from RadiativeJ/Ï^â†'Î³ppÂ¯Decays. Physical Review Letters, 2003, 91, 022001.	7.8	260
7	Improved measurement of electron antineutrino disappearance at Daya Bay. Chinese Physics C, 2013, 37, 011001.	3.7	253
8	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
9	Dark Matter Search Results from the PandaX-4T Commissioning Run. Physical Review Letters, 2021, 127, 261802.	7.8	228
10	Dark matter direct search sensitivity of the PandaX-4T experiment. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	103
11	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
12	PandaX: a liquid xenon dark matter experiment at CJPL. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1476-1494.	5.1	99
13	Search for the pentaquark state inÏ^(2S)andJ/Ï^decays toKS0pKâ^'nÌ„andKS0pÂ¯K+n. Physical Review D, 2004, 70, .	4.7	88
14	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
15	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
16	Results of dark matter search using the full PandaX-II exposure *. Chinese Physics C, 2020, 44, 125001.	3.7	80
17	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
18	First dark matter search results from the PandaX-I experiment. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2024-2030.	5.1	72

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19	Study of production from. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 75-82.	4.1	63
20	Evidence of <mml: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:mml="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	4.1	62
21	Dark matter search results from the commissioning run of PandaX-II. Physical Review D, 2016, 93, .	4.7	59
22	Constraining Dark Matter Models with a Light Mediator at the PandaX-II Experiment. Physical Review Letters, 2018, 121, 021304.	7.8	57
23	Partial wave analyses ofJ/Ïˆâ†’Î³K+Kâˆ’andÎ³KS0KS0. Physical Review D, 2003, 68, .	4.7	53
24	Measurement of the branching fraction ofJ/Ïˆâ†’Ï€+Ï€âˆ’Ï€0. Physical Review D, 2004, 70, .	4.7	53
25	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
26	Search for Light Dark Matterâ€“Electron Scattering in the PandaX-II Experiment. Physical Review Letters, 2021, 126, 211803.	7.8	49
27	Low-mass dark matter search results from full exposure of the PandaX-I experiment. Physical Review D, 2015, 92, .	4.7	45
28	Search for Cosmic-Ray Boosted Sub-GeV Dark Matter at the PandaX-II Experiment. Physical Review Letters, 2022, 128, 171801.	7.8	33
29	Measurements ofÏˆ(2S)decays into vector-tensor final states. Physical Review D, 2004, 69, .	4.7	32
30	Study of theP-Wave Charmonium StateÏ‡cJinÏˆ(2S)Decays. Physical Review Letters, 1998, 81, 3091-3095.	7.8	31
31	A measurement of Ïˆ(2S) resonance parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 550, 24-32.	4.1	28
32	Observation of the DecayÏˆ(2S)â†’KS0KL0. Physical Review Letters, 2004, 92, 052001.	7.8	28
33	Experimental Study ofJ/ÏˆRadiative Decay toÏ€0Ï€0. Physical Review Letters, 1998, 81, 1179-1182.	7.8	26
34	Partial wave analysis of J/Ïˆâ†’Î³(Ì·Ï€+Ï€âˆ’). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 356-362.	4.1	25
35	Ïˆ(2S)decays intoJ/Ïˆplus two photons. Physical Review D, 2004, 70, .	4.7	25
36	Improved measurement of the branching ratio ofJ/Ïˆâ†’KS0KL0. Physical Review D, 2004, 69, .	4.7	24

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37	Towards the full realization of the RIBLL2 beam line at the HIRFL-CSR complex. Science Bulletin, 2018, 63, 78-80.	9.0	24
38	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
39	Determination ofJ/Î^leptonic branching fraction viaÏ^(2S)â†'Ï€+Ï€â^'J/Î^. Physical Review D, 1998, 58, .	4.7	23
40	Measurements of J/Î^â†'ppÌ„. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 42-48.	4.1	23
41	A study of J/Î^â†'Î³Î³V(Ï¸Ï†) decays with the BESII detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 594, 47-53.	4.1	23
42	Ï^(2S)Hadronic Decays to Vector-Tensor Final States. Physical Review Letters, 1998, 81, 5080-5084.	7.8	22
43	Measurements of the mass and full-width of the Î·c meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 555, 174-180.	4.1	21
44	Towards a complete reconstruction of supernova neutrino spectra in future large liquid-scintillator detectors. Physical Review D, 2018, 97, .	4.7	21
45	Searching for neutrino-less double beta decay of ¹³⁶Xe with PandaX-II liquid xenon detector *. Chinese Physics C, 2019, 43, 113001.	3.7	20
46	Partial wave analysis of J/Î^â†'Î³(K+Kâ^'Ï€0). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 217-224.	4.1	19
47	Ï^(2S)two- and three-body hadronic decays. Physical Review D, 2003, 67, .	4.7	17
48	Branching fractions forÏ^(2S)â†'Î³Î·â€²and Î³Î·. Physical Review D, 1998, 58, .	4.7	16
49	Decays of the J/Î^ to and final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 213-218.	4.1	15
50	Charmonium Decays to Axial-Vector Plus Pseudoscalar Mesons. Physical Review Letters, 1999, 83, 1918-1921.	7.8	15
51	Search for of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>h</mml:mi><mml:mn>1</mml:mn></mml:msub><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:mn>1380</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ï^</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>S</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:mrow></mml:math> decays. Physical Review D, 2003, 67, .	4.7	14
52	Search for lepton flavor violation process J/Î^â†'eÎ¼. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 49-54.	4.1	13
53	First evidence ofÎ›Î›Â¯inÏ‡cJdecays. Physical Review D, 2003, 67, .	4.7	13
54	An improved evaluation of the neutron background in the PandaX-II experiment. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	13

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55	Measurement of branching ratios for Î·c hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 16-22.	4.1	12
56	Exploring the dark matter inelastic frontier with 79.6 days of PandaX-II data. Physical Review D, 2017, 96, .	4.7	12
57	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
58	Constraining self-interacting dark matter with the full dataset of PandaX-II. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	12
59	Charge resolution in the isochronous mass spectrometry and the mass of ^{51}Co. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	11
60	A data analysis method for isochronous mass spectrometry using two time-of-flight detectors at CSRe. Chinese Physics C, 2015, 39, 106201.	3.7	10
61	display="inline"><mml:mrow><mml:mi>Γ</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3686</mml:mn><mml:mo stretchy="false">)</mml:mo><mml:mo stretchy="false">→</mml:mo><mml:mi>n</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>n</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">¯</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:math> and improved	4.7	10
62	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
63	Precision mass measurements of short-lived nuclides at HIRFL-CSR in Lanzhou. Frontiers of Physics, 2018, 13, 1.	5.0	9
64	Search forÏˆ(2S)production ine+eâ^'annihilations at 4.03 GeV. Physical Review D, 1998, 57, 3854-3859.	4.7	8
65	First measurement of the branching fraction of the decayÏˆ(2S)â†'Ï„+Ï„â^'. Physical Review D, 2002, 65, .	4.7	5
66	Measurement of inclusive momentum spectra and multiplicity distributions of charged particles atsâ^¼2â€“5GeV. Physical Review D, 2004, 69, .	4.7	5
67	Search for K0SK0S in J/Ïˆ and Ïˆ(2S) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 7-13.	4.1	5
68	Determination ofB(Ï‡cJâ†'ppÂ¯)inÏˆ(2S)decays. Physical Review D, 2004, 69, .	4.7	4
69	Measurement of the branching fraction ofDsinclusive semileptonic decayDs+â†'e+X. Physical Review D, 1997, 56, 3779-3782.	4.7	3
70	Onsite data processing and monitoring for the Daya Bay experiment. Chinese Physics C, 2014, 38, 086001.	3.7	3
71	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
72	Improved measurement ofÏˆ(2S)decays intoÏ„+Ï„â^'. Physical Review D, 2006, 74, .	4.7	2

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73	Measurements of the branching fractions of the singly Cabibbo-suppressed decays D0â†’Ï‰Î· , Î·(â€²)Ï€0 and Î·(â€²)Î·. Physical Review D, 2018, 97, .	4.7	2
74	Development of a hybrid mode linear transformer driver stage. Physical Review Accelerators and Beams, 2018, 21, .	1.6	1
75	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
76	Heavy Flavors in High Energy ep Collisions. AIP Conference Proceedings, 2006, , .	0.4	0
77	Geometry optimization of a barrel silicon pixelated tracker. Chinese Physics C, 2017, 41, 086001.	3.7	0