

N Kalantar-nayestanaki

List of Publications by Year
in descending order

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395
papers

11,708
citations

23302

58
h-index

41846

93
g-index

401
all docs

401
docs citations

401
times ranked

10966
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate simultaneous lead stopping power and charge-state measurements in gases and solids: Benchmark data for basic atomic theory and nuclear applications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 846, 138220.	4.1	1
2	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near $\langle \sigma_{\text{frag}} \rangle = \sum_{i=1}^N \sigma_{\text{frag}}(i) \frac{N_i}{N} \quad (1)$ MeV. Physical Review C, 2022, 105, .	2.9	4
3	Electromagnetic Dalitz Decays to $\pi^0 \pi^0 \pi^0$ $\Gamma(\rho^0 \rightarrow \pi^0 \pi^0 \pi^0) = 1.0784314 \times 10^{-6} \text{ s}^{-1} \quad (2)$	8.0	4
4	A comprehensive analysis of differential cross sections and analyzing powers in the proton-deuteron break-up channel at 135 MeV. European Physical Journal A, 2021, 57, 1.	2.5	4
5	Measurements of $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$, $\pi^+ \pi^- \omega$, and $\pi^+ \pi^- \phi$ at s from 4.18 to 4.60 GeV, and search for a Zc state close to the DD \bar{A} threshold decaying to $\pi^+ \pi^- \rho^0$ at $s=4.23$ GeV. Physical Review D, 2021, 103, .	4.8	2
6	Search for the reaction channel $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$ at center-of-mass energies from 4.23 to 4.60 GeV. Physical Review D, 2021, 103, .	4.8	1
7	Observation of a Near-Threshold Structure in the $\sigma_{\text{K}^+ \text{K}^-} = \sigma_{\text{K}^+ \text{K}^-}^{\text{res}} + \sigma_{\text{K}^+ \text{K}^-}^{\text{non-res}} \quad (3)$ Recoil-Mass Spectra in $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$	8.0	143
8	Mass measurements of As, Se, and Br nuclei, and their implication on the proton-neutron interaction strength toward the $\sigma_{\text{N}} = \sigma_{\text{N}}^{\text{res}} + \sigma_{\text{N}}^{\text{non-res}} \quad (4)$ line. Physical Review C, 2021, 103, .	2.9	21
9	Search for the reaction $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$ and a charmoniumlike structure decaying to $\pi^+ \pi^- \rho^0$ between 4.18 and 4.60 GeV. Physical Review D, 2021, 103, .	4.8	1
10	Study of $e^+e^- \rightarrow \pi^+ \pi^- \rho^0$ $\sigma_{\text{K}^+ \text{K}^-} = \sigma_{\text{K}^+ \text{K}^-}^{\text{res}} + \sigma_{\text{K}^+ \text{K}^-}^{\text{non-res}} \quad (5)$		

#	ARTICLE	IF	CITATIONS
19	<p>Cross section measurement of $\sigma_{\text{el}}(e^+e^- \rightarrow K^+K^-S^0)$ at $\sqrt{s} = 0.8$ GeV</p> <p>Physical Review D, 2001, 64, 111101</p>		
20	<p>Cross sections for the reactions $e^+e^- \rightarrow K^+K^-S^0$ at $\sqrt{s} = 0.8$ GeV</p>		

#	ARTICLE	IF	CITATIONS
37	Comprehensive measurements of cross sections and spin observables of the three-body break-up channel in deuteron-deuteron scattering at 65 MeV/nucleon. European Physical Journal A, 2020, 56, 1.	2.5	2
38	Differential Cross Sections and Analyzing Powers of the Three-Body Break-Up Channel in Deuteron-Deuteron Scattering at 65 MeV/nucleon. Springer Proceedings in Physics, 2020, , 141-144.	0.0	0
39	Three-Nucleon Force Studies in Proton-Deuteron Break-Up Reaction with BINA at 190 MeV. Springer Proceedings in Physics, 2020, , 325-329.	0.0	0
40	Measurements of the branching fractions of $\pi^+ \rightarrow \pi^0 \gamma$ and $\pi^0 \rightarrow \pi^+ \pi^- \gamma$. Physical Review D, 2019, 100, 012002.	4.8	7
41	Cross section measurements of $\pi^+ \rightarrow \pi^0 \gamma$ and $\pi^0 \rightarrow \pi^+ \pi^- \gamma$ from $\pi^+ \pi^-$ decays. Physical Review D, 2019, 100, 012002.	4.8	7
42	Study of the decay $\pi^+ \rightarrow \pi^0 \gamma$ and $\pi^0 \rightarrow \pi^+ \pi^- \gamma$ from $\pi^+ \pi^-$ decays. Physical Review D, 2019, 100, 012002.	4.8	44
43	Search for the decay $\pi^+ \rightarrow \pi^0 \gamma$. Physical Review D, 2019, 100, .	8.0	62
44	Investigation of the quasi-free domain in deuteron-deuteron break-up using spin observables. European Physical Journal A, 2019, 55, 1.	2.5	5
45	Search for the decay $\pi^+ \rightarrow \pi^0 \gamma$. Physical Review D, 2019, 100, .	4.8	7
46	Three-body breakup in deuteron-deuteron collisions at 160 MeV including quasifree scattering. Physical Review C, 2019, 100, .	2.9	6
47	Study of the decay $\pi^+ \rightarrow \pi^0 \gamma$ and $\pi^0 \rightarrow \pi^+ \pi^- \gamma$ from $\pi^+ \pi^-$ decays. Physical Review D, 2019, 100, 012002.	4.8	4
48	Study of the decay $\pi^+ \rightarrow \pi^0 \gamma$ and $\pi^0 \rightarrow \pi^+ \pi^- \gamma$ from $\pi^+ \pi^-$ decays. Physical Review D, 2019, 100, 012002.	4.8	16
49	Elastic scattering and $\pi^+ \pi^-$ decays. Physical Review D, 2019, 100, 012002.	4.8	16
50	Studies of Deuteron Breakup Reactions in Deuteron-Deuteron Collisions at 160 MeV with BINA. Few-Body Systems, 2019, 60, 1.	1.5	5
51	Observation of the decay $\pi^+ \rightarrow \pi^0 \gamma$ and $\pi^0 \rightarrow \pi^+ \pi^- \gamma$ from $\pi^+ \pi^-$ decays. Physical Review D, 2019, 100, 012002.	8.0	34
52	In Memory of Ludvig Dmitrievich Faddeev: A Giant in Mathematical Physics. Few-Body Systems, 2019, 60, 1.	1.5	0
53	Observation of $\pi^+ \rightarrow \pi^0 \gamma$ and study of the P-wave $\pi^+ \pi^-$ mesons. Chinese Physics C, 2019, 43, 031001.	3.6	7
54	Search for baryon and lepton number violation in $J/\psi \rightarrow \pi^+ \pi^- c \bar{c}$. Physical Review D, 2019, 99, .	4.8	11

#	ARTICLE	IF	CITATIONS
55	Evidence of a Resonant Structure in the $\eta \rightarrow \pi^0 \gamma$ Decay. Physical Review Letters, 2019, 122, 102002.	8.0	10
56	Precision Measurement of the Branching Fractions of $\Lambda \rightarrow \pi^0 p$ Decays. Physical Review Letters, 2019, 122, 142002.	8.0	10
57	Measurement of the Branching Fraction of $\Lambda \rightarrow \pi^0 p$ and Search for $\Lambda \rightarrow \pi^0 n$. Physical Review Letters, 2019, 122, 142002.	4.8	3
58	First Measurement of the Form Factors in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 142002.	8.0	27
59	Measurement of the Branching Fraction of $B \rightarrow K^* \ell^+ \ell^-$ and a Measurement of the Cross Section for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2019, 122, 142002.	4.8	14
60	Measurements of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$ and Search for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2019, 99, 112002.	4.8	10
61	Measurement of Branching Fractions of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2019, 99, 112002.	4.8	20
62	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2019, 99, 112002.	4.8	3
63	Search for the Decay $D_s \rightarrow \pi^+ \rho^0 e^+ \nu_e$. Physical Review D, 2019, 100, 012002.	4.8	0
64	Study of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2019, 100, 012002.	4.8	14
65	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2019, 100, 012002.	4.8	9
66	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2019, 100, 012002.	4.8	16
67	Strong Neutron Pairing in ^4He and ^6Li Nuclei. Physical Review Letters, 2018, 120, 152504.	8.0	73
68	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501.	4.8	12
69	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2018, 97, 012002.	4.8	12
70	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2018, 97, 012002.	4.8	12
71	Measurement of the Absolute Branching Fraction of the Inclusive Semileptonic $B \rightarrow K^* \ell^+ \ell^-$ Decay. Physical Review Letters, 2018, 121, 251801.	8.0	19
72	First Measurement of $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. Physical Review D, 2018, 98, 012002.	4.8	8

#	ARTICLE TITLE	IF	CITATIONS
73	Observation of the Semileptonic Decay $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ Studied in Proton Knockout from ^{13}C . Physical Review Letters, 2017, 118, 092001.	2.9	9
74	Amplitude Analysis of the Decays $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ and $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review Letters, 2017, 118, 012001.	2.9	9
75	Precise Measurement of the $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ Cross Section at Center-of-Mass Energies. Evidence for W_c Resonance. Physical Review Letters, 2017, 118, 092001.	2.9	9
76	Measurement of the absolute branching fraction for $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review Letters, 2017, 118, 112001.	2.9	9
77	Observation of $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review Letters, 2017, 118, 112001.	2.9	9
78	Coulomb breakup of neutron-rich $^{29,30}\text{Na}$ isotopes near the island of inversion. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 045101.	3.5	3
79	Nuclear-matter radius studies from $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ at the GSI Experimental Storage Ring with the EXL facility. Physical Review C, 2017, 96, .	4.1	42
80	Branching fraction measurements of $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review D, 2017, 96, .	4.1	42
81	Measurement of higher-order multipole amplitudes in $\tilde{\Gamma}(3686) \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ with $\tilde{\Gamma}(3686) \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ and search for the transition $\tilde{\Gamma}(2S) \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review D, 2017, 95, .	4.1	42
82	Improved measurements of branching fractions for $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review D, 2017, 95, .	4.1	42
83	Evidence for $e^+e^- \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ at center-of-mass energies between 4.01 and 4.60 GeV. Physical Review D, 2017, 96, .	4.8	5
84	Measurement of $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review D, 2017, 96, .	4.8	5
85	Observation of $e^+e^- \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$ at center-of-mass energies from 4.085 to 4.600 GeV. Physical Review D, 2017, 96, .	4.8	5
86	Observation of the decay $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review D, 2017, 96, .	4.8	5
87	Determination of the Spin and Parity of the B_c . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 388-393.	4.8	5
88	Effective proton-neutron interaction near the drip line from unbound states in $B_c \rightarrow \mu^+ \nu_\mu \ell^+ \nu_\ell$. Physical Review C, 2017, 96, .	4.8	5
89		2.9	14
90		2.9	14

#	ARTICLE	IF	CITATIONS
91	Experimental Studies of Nuclear Interactions in Few-Nucleon Systems. Few-Body Systems, 2017, 58, 1.	1.5	0
92	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle (\langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3686 \langle \text{mml:mn} \rangle \langle \text{mml:mo stretchy="false"} \rangle) \langle \text{mml:mo} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma}^3 \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle$		

#	ARTICLE	IF	CITATIONS
109	Experimental techniques for in-ring reaction experiments. Physica Scripta, 2015, T166, 014053.	2.5	13
110	Isoscalar response of ^{68}Ni to π^- -particle and π^+ -particle induced reactions. Physical Review C, 2015, 92, 014607.	2.9	23
111	Measurement of $B(\pi^-(3770) \rightarrow \pi^0 \pi^+ \pi^-)$ and search for $\pi^-(3770) \rightarrow \pi^0 \pi^+ \pi^- \pi^0$. Physical Review D, 2015, 91, 012004.	4.8	4
113	Study of $\pi^-(3770) \rightarrow \pi^0 \pi^+ \pi^-$ cross section and search for $\pi^-(3770) \rightarrow \pi^0 \pi^+ \pi^- \pi^0$. Physical Review D, 2015, 91, 012005.	4.8	42
114	Measurement of $B(\pi^-(3770) \rightarrow \pi^0 \pi^+ \pi^-)$ and search for $\pi^-(3770) \rightarrow \pi^0 \pi^+ \pi^- \pi^0$. Physical Review D, 2015, 91, 012004.		

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127	Measurement of the Absolute Branching Fraction for $\Lambda \rightarrow p \pi^0$. Physical Review Letters, 2015, 115, 221805.	8.0	72
128	Measurement of the electromagnetic doubly OZI-suppressed decay $\Lambda \rightarrow p \pi^0 \pi^0$. Physical Review Letters, 2015, 115, 221805.	8.0	73
129	Measurement of the matrix elements for the decays $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physical Review D, 2015, 91, 034008.	4.8	4
130	Measurement of the matrix elements for the decays $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physical Review D, 2015, 91, 034008.	4.8	34
131	Study of dynamics of $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physical Review D, 2015, 92, 034008.	4.8	71
132	Study of dynamics of $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physical Review D, 2015, 92, 034008.	8.0	111
133	Isoscalar giant resonance studies in a stored-beam experiment within EXL. Physica Scripta, 2015, T166, 014006.	2.5	5
134	Observation of isoscalar multipole strengths in exotic doubly-magic ^{56}Ni in inelastic $\Lambda \pm$ scattering in inverse kinematics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 371-375.	4.1	16
135	Investigation of the Deuteron Breakup on Proton Target in the Forward Angular Region at 130 MeV. Few-Body Systems, 2015, 56, 665-690.	1.5	13
136	Precision measurement of the integrated luminosity of the data taken by BESIII at center-of-mass energies between 3.810 GeV and 4.600 GeV. Chinese Physics C, 2015, 39, 093001.	3.6	116
137	Investigation of the nuclear matter distribution of ^{56}Ni by elastic proton scattering in inverse kinematics. Physica Scripta, 2015, T166, 014005.	2.5	14
138	Measurement of the branching fractions of $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 466-474.	4.8	65
139	Measurement of the proton form factor by studying $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physical Review D, 2015, 91, 034008.	0.8	4
140	Search for $\eta \rightarrow \pi^0 \pi^0 \pi^0$ and $\eta \rightarrow \pi^0 \pi^0 \pi^0 \pi^0$ in $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Acta Physica Polonica B, 2015, 46, 127.	4.1	15
141	Measurement of $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Physical Review D, 2015, 91, 034008.	4.8	19
142	Search for $\eta \rightarrow \pi^0 \pi^0 \pi^0$ and $\eta \rightarrow \pi^0 \pi^0 \pi^0 \pi^0$ in $\Lambda \rightarrow p \pi^0$ and $\Lambda \rightarrow n \pi^0$. Acta Physica Polonica B, 2015, 46, 127.	3.6	10
143	Evidence for $e^+ e^- \rightarrow \pi^+ \pi^- \pi^0$ at center-of-mass energies from 4.009 to 4.360 GeV. Chinese Physics C, 2015, 39, 041001.		

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145	Study of $\frac{d\sigma}{d\Omega}(\theta) \approx \frac{d\sigma_{\text{el}}}{d\Omega}(\theta) + \frac{d\sigma_{\text{in}}}{d\Omega}(\theta)$ branching fractions. Physical Review D, 2015, 91, .	8.0	107
146	Precision measurement of the $D^0 \rightarrow \pi^+ \pi^-$ branching fraction. Physical Review D, 2015, 91, .	4.8	50
147	Study of $J/\psi \rightarrow \pi^+ \pi^- \pi^0$ branching fractions. Physical Review D, 2015, 91, .	4.8	50
148	Coulomb Force Effects in Deuteron-Proton Breakup Reaction. Acta Physica Polonica B, 2015, 46, 459.	0.8	0
149	Design, construction and cooling system performance of a prototype cryogenic stopping cell for the Super-FRS at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 770, 87-97.	1.6	33
150	Three-nucleon forces and their importance in three-nucleon systems and heavier nuclei. EPJ Web of Conferences, 2014, 66, 01007.	0.3	1
151	Investigation of three nucleon force effects in deuteron-proton breakup reaction. EPJ Web of Conferences, 2014, 81, 06007.	0.3	6
152	Experimental Investigation of the Few-Nucleon Dynamics in Deuteron-Deuteron Collision at 160 MeV. EPJ Web of Conferences, 2014, 81, 06006.	0.3	1
153	Search for the weak decays $J/\psi \rightarrow \pi^+ D_s^*(*) \rightarrow \pi^+ e^+ \nu_e + c.c..$ Physical Review D, 2014, 90, .	4.8	7
154	Investigation of Three Nucleon Force Effects in Deuteron-Proton Breakup Reaction. Acta Physica Polonica B, 2014, 45, 527.	0.8	9
155	Search for the radiative transitions $J/\psi \rightarrow \pi^+ \pi^- \pi^0$ Physical Review D, 2014, 89, .	4.8	1
156	Search for C-parity violation in $J/\psi \rightarrow \pi^+ \pi^- \pi^0$ and $J/\psi \rightarrow \pi^+ \pi^- \pi^+ \pi^-$. Physical Review D, 2014, 90, .	4.8	3
157	Amplitude analysis of the $D^0 \rightarrow \pi^+ \pi^-$ Physical Review D, 2014, 89, .	4.8	16
158	Observation of $J/\psi \rightarrow \pi^+ \pi^- \pi^0$ Physical Review Letters, 2014, 112, 251801.	8.0	23
159	Measurement of $J/\psi \rightarrow \pi^+ \pi^- \pi^0$ into $J/\psi \rightarrow \pi^+ \pi^- \pi^0$ Physical Review D, 2014, 89, .	4.8	6
160	Measurement of the Isoscalar Monopole Response in the Neutron-Rich Nucleus ^{64}Ni Physical Review Letters, 2014, 113, 032504.	8.0	40
161	Precision measurements of $B \rightarrow \pi^+ \pi^-$		

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163	<p>Observation of $e\bar{c}$ in $\Upsilon(4S)$ decays</p> <p>Physical Review Letters, 2014, 113, 242001</p>	8.0	117
164	<p>Observation of a Charged Charmoniumlike Structure in $\Upsilon(4S)$ Decays</p> <p>Physical Review Letters, 2014, 113, 242002</p>		

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199	Measurements of baryon pair decays of Λ_c^+ and Λ_c^0 Physical Review D, 2013, 87		
200	Measurements of the branching fractions for J/ψ and $\psi(3686)$ Physical Review D, 2013, 87	4.8	9
201	Observation of a structure at $\sqrt{s} \approx 1.84$ GeV Physical Review D, 2013, 87	4.8	5
202	the Λ_c^+ and Λ_c^0 decays Physical Review D, 2013, 87		

#	ARTICLE	IF	CITATIONS
217	Evidence for $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2013, 87, 012002.	4.8	11
218	Measurement of the integrated luminosities of the data taken by BESIII at $\sqrt{s} = 3.650$ and 3.773 GeV. Chinese Physics C, 2013, 37, 123001.	3.6	116
219	Three- and Four-nucleon Dynamics at Intermediate Energies. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 1167.	0.2	1
220	Signatures of three-nucleon interactions in few-nucleon systems. Reports on Progress in Physics, 2012, 75, 016301.	20.3	166
221	Neutron-skin thickness from the study of the anti-analog giant dipole resonance. AIP Conference Proceedings, 2012, . .	1.0	7
222	Study of $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	45
223	Observation of $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	40
224	Experimental study of $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	5
225	Measurement of $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	27
226	Measurement of $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	11
227	Measurement of $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	8.0	94
228	Evidence for the Direct Two-Photon Transition from $\eta(3686)$ to η' . Physical Review Letters, 2012, 109, 172002.	8.0	9
229	First observation of the isospin violating decay $\eta \rightarrow \pi^0 \pi^0 \pi^0$ and $\eta \rightarrow \pi^0 \pi^0 \pi^0$. Physical Review D, 2012, 86, 012002.	8.0	78
230	Precision measurements of branching fractions for $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	21
231	Precision measurements of branching fractions for $\eta \rightarrow \pi^0 \pi^0 \pi^0$ decay. Physical Review D, 2012, 86, 012002.	4.8	5
232	Measurements of the Mass and Width of the η' Using the Decay $\eta' \rightarrow \pi^0 \pi^0 \pi^0$. Physical Review Letters, 2012, 108, 222002.	4.8	9
233	Measurements of the Mass and Width of the η' Using the Decay $\eta' \rightarrow \pi^0 \pi^0 \pi^0$. Physical Review Letters, 2012, 108, 222002.	8.0	34
234	Vector analyzing powers of deuteron-proton elastic scattering and breakup at 130 MeV. Physical Review C, 2012, 85, .	2.9	17

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235	<p>ervation of the $\langle \text{mml:math xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle M \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Transition $\langle \text{mml:math xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy}="false" \rangle (\langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3686 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 737 Td (stretchy="fal</p>		

#	ARTICLE	IF	CITATIONS
253	Precision studies of few-nucleon system dynamics. <i>Physics Procedia</i> , 2011, 17, 126-134.	1.2	1
254	Proton-deuteron radiative capture cross-sections at intermediate energies. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	6
255	Vector and Tensor Analyzing Powers in Deuteron-Proton Breakup. <i>Few-Body Systems</i> , 2011, 50, 283-285.	1.5	0
256	Cross Sections of the Deuteron-Proton Breakup at 130 MeV: A Probe of Three-Nucleon System Dynamics. <i>Few-Body Systems</i> , 2011, 50, 235-238.	1.5	2
257	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011, 34, 652-662.	4.4	82
258	AMADEUS-The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, 128-143.	1.6	58
259	The electron-ion scattering experiment ELISE at the International Facility for Antiproton and Ion Research (FAIR)-A conceptual design study. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 637, 60-76.	1.6	87
260	A novel spectrometer for studying exotic nuclei with the electron/ion collider ELISE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 640, 123-132.	1.6	7
261	Time calibration of the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011, 34, 539-549.	4.4	85
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