

Xiao-Rui Lyu

List of Publications by Year in descending order

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93
papers

5,567
citations

147801

31
h-index

76900

74
g-index

93
all docs

93
docs citations

93
times ranked

2701
citing authors

#	ARTICLE	IF	CITATIONS
19	Measurement of the Absolute Branching Fraction for $B \rightarrow \pi^0 \ell^+ \ell^-$ Evidence for $B \rightarrow \pi^0 \ell^+ \ell^-$ http://www.w3.org/1998/Math/MathML $\frac{1}{\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)} \frac{d\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)}{d\cos\theta_{\ell\ell}}$ http://www.w3.org/1998/Math/MathML	7.8	71
20	Physical Review Letters, 2015, 115, 221805.	4.7	1
21	Pentaquark \bar{K}^+ search at HERMES. Physical Review D, 2015, 91, .	3.7	8
22	Study of the efficiency of event start time determination at BESIII. Chinese Physics C, 2014, 38, 016201.	4.7	1
23	Search for the radiative transitions $B \rightarrow \pi^0 \ell^+ \ell^- \gamma$ http://www.w3.org/1998/Math/MathML $\frac{1}{\Gamma(B \rightarrow \pi^0 \ell^+ \ell^- \gamma)} \frac{d\Gamma(B \rightarrow \pi^0 \ell^+ \ell^- \gamma)}{d\cos\theta_{\ell\ell} d\cos\theta_{\ell\gamma}}$ http://www.w3.org/1998/Math/MathML	4.7	1
24	Amplitude analysis of the $B \rightarrow \pi^0 \ell^+ \ell^-$ http://www.w3.org/1998/Math/MathML $\frac{1}{\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)} \frac{d\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)}{d\cos\theta_{\ell\ell}}$ http://www.w3.org/1998/Math/MathML	4.7	1
25	Physical Review D, 2014, 89, .	7.8	22
26	Observation of $B \rightarrow \pi^0 \ell^+ \ell^-$ http://www.w3.org/1998/Math/MathML $\frac{1}{\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)} \frac{d\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)}{d\cos\theta_{\ell\ell}}$ http://www.w3.org/1998/Math/MathML	4.7	6
27	Measurement of $B \rightarrow \pi^0 \ell^+ \ell^-$ http://www.w3.org/1998/Math/MathML $\frac{1}{\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)} \frac{d\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)}{d\cos\theta_{\ell\ell}}$ http://www.w3.org/1998/Math/MathML	4.7	6
	Precision Measurement of $B \rightarrow \pi^0 \ell^+ \ell^-$ http://www.w3.org/1998/Math/MathML $\frac{1}{\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)} \frac{d\Gamma(B \rightarrow \pi^0 \ell^+ \ell^-)}{d\cos\theta_{\ell\ell}}$ http://www.w3.org/1998/Math/MathML		

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37	Observation of a Charged Charmoniumlike Structure in Collimated quasi-monoenergetic electron beam generation from intense laser solid interaction. High Energy Density Physics, 2013, 9, 578-582.	7.8	740
38	An extended segment pattern dictionary for a pattern matching tracking algorithm at BESIII. Chinese Physics C, 2013, 37, 066202.	3.7	1
39	Determination of the number of $\bar{\Lambda}^0$ events at BESIII. Chinese Physics C, 2013, 37, 063001.	3.7	42
40	Publisher's Note: Measurements of baryon pair decays of $\bar{\Lambda}^0$ mesons [Phys. Rev. D 87, 032007 (2013)]. Physical Review D, 2013, 87, .	4.7	3
41	Search for the lepton flavor violation process $J/\psi \rightarrow \tau^+ \tau^- e^+ e^-$ at BESIII. Physical Review D, 2013, 87, .	4.7	9
42	Search for $\bar{\Lambda}^0 \rightarrow \tau^+ \tau^- e^+ e^-$ and $\bar{\Lambda}^0 \rightarrow \tau^+ \tau^- e^+ e^- c.c.$ decays in J/ψ and $\bar{\Lambda}^0$. Physical Review D, 2013, 87, .	4.7	10
43	Measurements of baryon pair decays of $\bar{\Lambda}^0$ mesons. Physical Review D, 2013, 87, .	4.7	16
44	Measurements of the branching fractions for $J/\psi \rightarrow \tau^+ \tau^- e^+ e^-$ and $J/\psi \rightarrow \tau^+ \tau^- e^+ e^- c.c.$ at BESIII. Physical Review D, 2013, 87, .	4.7	8
45	the J/ψ decays into $\tau^+ \tau^- e^+ e^-$ and $J/\psi \rightarrow \tau^+ \tau^- e^+ e^- c.c.$ at BESIII. Physical Review D, 2013, 87, .	4.7	8
46	the J/ψ decays into $\tau^+ \tau^- e^+ e^-$ and $J/\psi \rightarrow \tau^+ \tau^- e^+ e^- c.c.$ at BESIII. Physical Review D, 2013, 87, .	4.7	8
47	the J/ψ decays into $\tau^+ \tau^- e^+ e^-$ and $J/\psi \rightarrow \tau^+ \tau^- e^+ e^- c.c.$ at BESIII. Physical Review D, 2013, 87, .	4.7	8

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55	<p>Study of the near-threshold Physical Review D, 2013, 87, .</p> <p>Search for $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays and Physical Review D, 2013, 87, .</p>	4.7	26
56	<p>Evidence for $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	3
57	<p>OZI-suppressed $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	26
58	<p>Evidence for $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	17
59	<p>Search for $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays and Physical Review D, 2013, 87, .</p>	4.7	9
60	<p>Search for $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays and Physical Review D, 2013, 87, .</p>	4.7	16
61	<p>Measurement of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	11
62	<p>Simultaneous least squares fitter based on the Lagrange multiplier method. Chinese Physics C, 2013, 37, 106201.</p>	3.7	7
63	<p>Observation of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	38
64	<p>Experimental study of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	5
65	<p>Measurement of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	26
66	<p>Measurement of $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$ decays. Physical Review D, 2013, 87, .</p>	4.7	9
67	<p>Evidence for the Direct Two-Photon Transition from $\Lambda(1520)$ to Λ^0. Physical Review Letters, 2012, 109, 172002.</p>	7.8	9
68	<p>First observation of the isospin violating decay $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$. Physical Review D, 2012, 86, .</p>	4.7	19
69	<p>Transition $\Lambda(1520) \rightarrow \Lambda^0 \pi^0$. Physical Review D, 2012, 86, .</p>	4.7	19

#	ARTICLE	IF	CITATIONS
73	Precision measurement of the branching fractions of $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 594-599.	4.1	16
74	Discrete contribution to $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review D, 2011, 83, .	4.7	6
75	Search for CP and P violating pseudoscalar decays into $\eta \pi \pi$. Physical Review D, 2011, 84, .	4.7	7
76	Study of $\eta \rightarrow \pi^0 \pi^+ \pi^-$ decays into a vector meson. Physical Review D, 2011, 83, .	4.7	13
77	Observation of $\eta \rightarrow \pi^0 \pi^+ \pi^-$ into Vector Meson Pairs. Physical Review D, 2011, 83, .	7.8	23
78	Search for $\eta \rightarrow \pi^0 \pi^+ \pi^-$ into the $\eta \rightarrow \pi^0 \pi^+ \pi^-$ stat. Physical Review D, 2011, 83, .	4.7	5
79	Search for $\eta \rightarrow \pi^0 \pi^+ \pi^-$ decays into vector meson pairs. Physical Review D, 2011, 84, .	4.7	8
80	Higher-order multipole amplitude measurement in $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review D, 2011, 84, .	4.7	13
81	Measurement of the matrix element for the decay $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review D, 2011, 83, .	4.7	32
82	Structure around $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, 2011, 107, 182001.	7.8	31
83	First observation of the decays $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review D, 2011, 83, .	4.7	7
84	Confirmation of the $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review D, 2011, 83, .	7.8	110
85	Design and construction of the BESIII detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 345-399.	1.6	840
86	Measurements of $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review D, 2011, 83, .	7.8	81
87	Evidence for $\eta \rightarrow \pi^0 \pi^+ \pi^-$ decays into $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, 2010, 105, .	7.8	22
88	Observation of a $\eta \rightarrow \pi^0 \pi^+ \pi^-$ mass threshold enhancement in $\eta \rightarrow \pi^0 \pi^+ \pi^-$ decay. Chinese Physics C, 2010, 34, 421-426.	3.7	43
89	Branching fraction measurements of $\eta \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, 2010, 105, .	4.7	112
90	Cross sections for hard exclusive electroproduction of $\eta \rightarrow \pi^0 \pi^+ \pi^-$ mesons on a hydrogen target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 486-492.	4.1	50

#	ARTICLE	IF	CITATIONS
91	Measurement of parton distributions of strange quarks in the nucleon from charged-kaon production in deep-inelastic scattering on the deuteron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 446-450.	4.1	102
92	Measurement of azimuthal asymmetries with respect to both beam charge and transverse target polarization in exclusive electroproduction of real photons. Journal of High Energy Physics, 2008, 2008, 066-066.	4.7	38
93	Hadronization in semi-inclusive deep-inelastic scattering on nuclei. Nuclear Physics B, 2007, 780, 1-27.	2.5	96