

Koji Miwa

List of Publications by Year in descending order

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papers

361
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all docs

58
docs citations

58
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and application of CATCH: A cylindrical active tracker and calorimeter system for hyperon Λ^+ proton scattering experiments. Nuclear Instruments and Methods in Physics Research, Precise Measurement of Differential Cross Sections of the Λ^+p Reaction in Momentum Range. Λ^+p scattering experiment at J-PARC. AIP Conference Proceedings, 2022, 1029, 166430.	1.6	4
2	Reaction in Momentum Range	7.8	15
3	Hyperon Λ^+ Proton Scattering Experiment and Recent Progress of Strangeness Nuclear Physics at J-PARC. Few-Body Systems, 2022, 63, 1.	1.5	1
4	Observation of Coulomb-Assisted Nuclear Bound State of Λ^+p Scattering Experiment at J-PARC. , , .	7.8	40
5	Establishment of a Modern Experimental Technique of a (Σ^+p) Scattering Experiment at J-PARC. , , .		0
6	J-PARC E07: Systematic Study of Double Strangeness System with Hybrid Emulsion Method. , , .		1
7	Study of (Λ^+) Identification Method by the $(\pi^- \rightarrow K^0 \Lambda^+)$ Reaction for a (Λ^+p) Scattering Experiment at J-PARC. , , .		0
8	The Analysis Status of Σ^+p Scattering Events in the J-PARC E40 Experiment. Few-Body Systems, 2021, 62, 1.	1.5	1
9	Measurement of the differential cross sections of the Λ^+p elastic scattering in momentum range 470 to 850 MeV. Physical Review C, 2021, 104.	2.9	18
10	An event excess observed in the deeply bound region of the $^{12}\text{C}(\Lambda^+p)$ missing-mass spectrum. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	5
11	Study of Λ^+N interaction from the Λ^+p scattering experiment at J-PARC. Journal of Physics: Conference Series, 2020, 1643, 012174.	0.4	2
12	Observation of a Λ^+ bound state in the $^{12}\text{C}(\Lambda^+K^+, K^+)$ reaction at 1.8 GeV/c. AIP Conference Proceedings, 2019, , .	0.4	12
13	Status of J-PARC E07: Systematic study of double strangeness nuclei with hybrid emulsion method. AIP Conference Proceedings, 2019, , .	0.4	0
14	Λ^+p scattering experiment at J-PARC Λ^+ results of commissioning run Λ^+ . AIP Conference Proceedings, 2019, , .	0.4	4
15	Gamma-ray spectroscopy of single Λ^+ -hypernuclei at J-PARC: Results and perspective. AIP Conference Proceedings, 2019, , .	0.4	2
16	Λ^+ , and nucleus system studied by $^{12}\text{C}(\Lambda^+p)$ spectrum. AIP Conference Proceedings, 2019, , .	0.4	0
17	Observation of a Be double-Lambda hypernucleus in the J-PARC E07 experiment. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	40
18	Status of the J-PARC E07, Systematic Study of Double Strangeness Nuclei with the Hybrid Emulsion Method. , , .		3

#	ARTICLE	IF	CITATIONS
19	Search for Excited State of (Σ^4 ext{He}) Hypernucleus in the J-PARC E13 Experiment. , 2019, , .		0
20	Operation of Multi-MPPC System for Cylindrical Scintillation Fiber Tracker. , 2019, , .		4
21	Experimental Study of Di-quark Correlation by Charmed Baryon Spectroscopy at J-PARC High-Momentum Secondary Beam Line. , 2019, , .		0
22	First Λ^3 -Ray Spectroscopy of an sd-Shell Hypernucleus, (Λ^{19} ext{F}). , 2019, , .		0
23	Study of Y^* in Nuclei through $C(K^* \Lambda^0)$, $\Lambda^0 \rightarrow \Lambda^0 X$ Spectrum at 1.8 GeV/c in the J-PARC E05 Experiment. , 2019, , .		0
24	First Determination of the Level Structure of an sd -Shell Hypernucleus, Λ^{19} . Physical Review Letters, 2018, 120, 132505.	7.8	16
25	The First Gamma-ray Spectroscopic Study of sd-shell Hypernucleus, (Λ^{19} ext{F}). , 2017, , .		0
26	Gamma-ray Spectroscopy of Hypernuclei Λ^{∞} ...Recent Results and Prospect at J-PARC Λ^{∞} . , 2017, , .		0
27	Study of the (K)-Nucleus Interaction by Using the $C(K^* \Lambda^0)$, Tj ETQq1 1 0.784314 rgBT /Overloc		
28	Search for Excited State of Λ^3 Hypernucleus in the J-PARC E13 Experiment. , 2017, , .		0
29	The Recent Results of Strangeness Photoproduction in the Threshold Region at ELPH-Tohoku. , 2017, , .		0
30	High Statistics $\Lambda^3 p$ Scattering Experiment Using High Intensity Pion Beams at J-PARC. , 2017, , .		1
31	Spectroscopy of Nuclei with Multi-Strangeness by Using New S-2S Spectrometer at J-PARC. , 2017, , .		0
32	Near threshold angular distributions for the $2H(\Lambda^3, \Lambda^0)X$ reaction. Progress of Theoretical and Experimental Physics, 2016, 2016, 063D01.	6.6	3
33	Measurement of the Λ Spin-flip $B(M1)$ Value in Hypernuclei. , 2015, , .		0
34	Observation of Spin-Dependent Charge Symmetry Breaking in $\Lambda^3 N$ Interaction: Gamma-Ray Spectroscopy of $\Lambda^3 N$ Hypernucleus. Physical Review Letters, 2015, 115, 012001.	7.8	93
35	Charmed Baryon Spectroscopy Experiment at J-PARC. , 2015, , .		5
36	Searching for the H-Dibaryon in J-PARC with a Large Acceptance Hyperon Spectrometer. , 2015, , .		0

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37	J-PARC E19 Experiment: Pentaquark $\tilde{\Lambda}^{++}$ Search in Hadronic Reaction at J-PARC. , 2015, , .		1
38	Measurement of 3-Body Hadronic Reactions with HypTPC at J-PARC. , 2015, , .		0
39	Study of Λ -N Interaction via the Λ^3 -ray Spectroscopy of (Λ^4 ext{He}) and (Λ^{19} ext{F}) (E13-1st). , 2015, , .		0
40	Photoproduction of $K^+ \Lambda$ and $K^0 \Lambda$ on Deuteron. , 2015, , .		0
41	J-PARC E27 Experiment to Search for a $K^+ \tilde{\Lambda}^+$ Bound State. , 2015, , .		0
42	High Precision Λ^3 -ray Spectroscopy of (Λ^4 ext{He}) and (Λ^{19} ext{F}) at J-PARC. , 2014, , .		3
43	Measurement of Charged Pion Photoproduction at ELPH. , 2014, , .		0
44	Study of Double Delta Photoproduction on the Deuteron in the Energy Region of $E_{\Lambda^3} = 0.65 \sim 1.1$ GeV. , 2014, , .		0
45	Investigation of Strangeness Photoproduction near the Threshold at ELPH, Tohoku University. , 2014, , .		0
46	Search for Pentaquark $\tilde{\Lambda}^+$ in Hadronic Reaction at J-PARC. Few-Body Systems, 2013, 54, 955-960.	1.5	2
47	Study of Strangeness Photoproduction on the Neutron in the Threshold Region. Few-Body Systems, 2013, 54, 1175-1178.	1.5	0
48	J-PARC E27 Experiment to Search for a Nuclear Kaon Bound State $K^+ \tilde{\Lambda}^+$ pp. Few-Body Systems, 2013, 54, 1191-1194.	1.5	11
49	Study of Neutron-Rich Hypernuclei by the ($\tilde{\Lambda}^+, K^+$) Reaction at J-PARC. Few-Body Systems, 2013, 54, 1235-1238.	1.5	0
50	Study of $\Lambda^3 d \rightarrow \tilde{\Lambda}^+ \tilde{\Lambda}^+ d$ Reaction in an Energy Region of $0.67 \sim 1.08$ GeV. Few-Body Systems, 2013, 54, 1319-1322.	1.5	0
51	MPPC based scintillation counters for the internal photon tagger. , 2013, , .		0
52	Beam and SKS spectrometers at the K1.8 beam line. Progress of Theoretical and Experimental Physics, 2012, 2012, .	6.6	42
53	Neutral Kaon Photo-Production in the Threshold Energy Region. , 2011, , .		2
54	NEUTRAL KAON PHOTOPRODUCTION AT LNS, TOHOKU UNIVERSITY. International Journal of Modern Physics E, 2010, 19, 2355-2362.	1.0	1

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55	THE INVESTIGATION OF STRANGENESS PHOTOPRODUCTION IN THE THRESHOLD REGION AT LNS-TOHOKU. , 2010, , .		0
56	SEARCH FOR $\hat{\tau}^+$ PENTAQUARK IN THE $p(\hat{\tau}^-, K^-)X$ REACTION AT J-PARC. , 2009, , .		0
57	NEUTRAL KAON PHOTOPRODUCTION AT LNS, TOHOKU UNIVERSITY. , 2009, , .		0