

Koji Miwa

List of Publications by Year in descending order

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57
papers

361
citations

1040056

9
h-index

839539

18
g-index

58
all docs

58
docs citations

58
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Spin-Dependent Charge Symmetry Breaking in Λ Hypernuclei. <i>Physical Review Letters</i> , 2012, 108, 122301. https://doi.org/10.1103/PhysRevLett.108.122301	7.8	93
2	Beam and SKS spectrometers at the K1.8 beam line. <i>Progress of Theoretical and Experimental Physics</i> , 2012, 2012, .	6.6	42
3	Observation of a Be double-Lambda hypernucleus in the J-PARC E07 experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	6.6	40
4	Observation of Coulomb-Assisted Nuclear Bound State of Λ Hypernucleus. <i>Physical Review Letters</i> , 2019, 123, 082501. https://doi.org/10.1103/PhysRevLett.123.082501	7.8	40
5	Precise Measurement of Differential Cross Sections of the Λ Hypernucleus. <i>Physical Review Letters</i> , 2021, 126, 082501. https://doi.org/10.1103/PhysRevLett.126.082501	2.9	18
6	First Determination of the Level Structure of an sd-Shell Hypernucleus, Λ 19. <i>Physical Review Letters</i> , 2018, 120, 132505. https://doi.org/10.1103/PhysRevLett.120.132505	7.8	16
7	Reaction in Momentum Range $1 < p < 2$ GeV/c. <i>Physical Review Letters</i> , 2019, 123, 082501. https://doi.org/10.1103/PhysRevLett.123.082501	7.8	15
8	Observation of a Λ bound state in the $^{12}\text{C}(\text{K}^+, \text{K}^+)\text{K}^0$ reaction at 1.8 GeV/c. <i>AIP Conference Proceedings</i> , 2019, .	0.4	12
9	J-PARC E27 Experiment to Search for a Nuclear Kaon Bound State $\text{K}^0 \Lambda^0$ pp. <i>Few-Body Systems</i> , 2013, 54, 1191-1194.	1.5	11
10	Charmed Baryon Spectroscopy Experiment at J-PARC. , 2015, , .		5
11	An event excess observed in the deeply bound region of the $^{12}\text{C}(\text{K}^+, \text{K}^+)\text{K}^0$ missing-mass spectrum. <i>Progress of Theoretical and Experimental Physics</i> , 2020, 2020, .	6.6	5
12	Λ p scattering experiment at J-PARC results of commissioning run. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
13	Operation of Multi-MPPC System for Cylindrical Scintillation Fiber Tracker. , 2019, , .		4
14	Development and application of CATCH: A cylindrical active tracker and calorimeter system for hyperon-proton scattering experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1029, 166430.	1.6	4
15	Near threshold angular distributions for the $2\text{H}(\Lambda^0, \Lambda^0)\text{X}$ reaction. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 063D01.	6.6	3
16	Status of the J-PARC E07, Systematic Study of Double Strangeness Nuclei with the Hybrid Emulsion Method. , 2019, , .		3
17	High Precision Λ^0 -ray Spectroscopy of $(\Lambda^0)^4\text{He}$ and $(\Lambda^0)^{19}\text{F}$ at J-PARC. , 2014, , .		3
18	Neutral Kaon Photo-Production in the Threshold Energy Region. , 2011, , .		2

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19	Search for Pentaquark $\hat{\Sigma}^+$ in Hadronic Reaction at J-PARC. <i>Few-Body Systems</i> , 2013, 54, 955-960.	1.5	2
20	Gamma-ray spectroscopy of single $\hat{\Lambda}$ -hypernuclei at J-PARC: Results and perspective. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
21	Study of $\hat{\Lambda}$ -N interaction from the $\hat{\Lambda}$ -p scattering experiment at J-PARC. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012174.	0.4	2
22	NEUTRAL KAON PHOTOPRODUCTION AT LNS, TOHOKU UNIVERSITY. <i>International Journal of Modern Physics E</i> , 2010, 19, 2355-2362.	1.0	1
23	J-PARC E07: Systematic Study of Double Strangeness System with Hybrid Emulsion Method. , 2021, , .		1
24	J-PARC E19 Experiment: Pentaquark $\hat{\Sigma}^+$ Search in Hadronic Reaction at J-PARC. , 2015, , .		1
25	The Analysis Status of $\hat{\Sigma}^+ p$ Scattering Events in the J-PARC E40 Experiment. <i>Few-Body Systems</i> , 2021, 62, 1.	1.5	1
26	High Statistics $\hat{\Lambda}$ p Scattering Experiment Using High Intensity Pion Beams at J-PARC. , 2017, , .		1
27	Hyperon-Proton Scattering Experiment and Recent Progress of Strangeness Nuclear Physics at J-PARC. <i>Few-Body Systems</i> , 2022, 63, 1.	1.5	1
28	SEARCH FOR $\hat{\Sigma}^+$ PENTAQUARK IN THE $p(\bar{K}, K^-)X$ REACTION AT J-PARC. , 2009, , .		0
29	NEUTRAL KAON PHOTOPRODUCTION AT LNS, TOHOKU UNIVERSITY. , 2009, , .		0
30	Study of Strangeness Photoproduction on the Neutron in the Threshold Region. <i>Few-Body Systems</i> , 2013, 54, 1175-1178.	1.5	0
31	Study of Neutron-Rich Hypernuclei by the (\bar{K}, K^-) Reaction at J-PARC. <i>Few-Body Systems</i> , 2013, 54, 1235-1238.	1.5	0
32	Study of $\hat{\Lambda} p \rightarrow \bar{K}^+ \hat{\Lambda} p$ Reaction in an Energy Region of 0.67 $\leq E \leq$ 1.08 GeV. <i>Few-Body Systems</i> , 2013, 54, 1319-1322.	1.5	0
33	MPPC based scintillation counters for the internal photon tagger. , 2013, , .		0
34	Measurement of the $\hat{\Lambda}$ Spin-flip B(M1) Value in Hypernuclei. , 2015, , .		0
35	Searching for the H-Dibaryon in J-PARC with a Large Acceptance Hyperon Spectrometer. , 2015, , .		0
36	The First Gamma-ray Spectroscopic Study of sd-shell Hypernucleus, ($_{\Lambda}^{19}\text{F}$). , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	Gamma-ray Spectroscopy of Hypernuclei Λ^{h} ...Recent Results and Prospect at J-PARC... , 2017, , .		0
38	Study of the (Λ^{h}) -Nucleus Interaction by Using the $^{12}\text{C}(\Lambda^{\text{h}}\text{K}^{\text{h}})^{\text{h}}$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		0
39	Search for Excited State of Λ^{h} Hypernucleus in the J-PARC E13 Experiment. , 2017, , .		0
40	The Recent Results of Strangeness Photoproduction in the Threshold Region at ELPH-Tohoku. , 2017, , .		0
41	Status of J-PARC E07: Systematic study of double strangeness nuclei with hybrid emulsion method. AIP Conference Proceedings, 2019, , .	0.4	0
42	Λ^{h} , and nucleus system studied by $^{12}\text{C}(\Lambda^{\text{h}}, p)$ spectrum. AIP Conference Proceedings, 2019, , .	0.4	0
43	Establishment of a Modern Experimental Technique of a $(\Sigma^{\text{h}} p)$ Scattering Experiment at J-PARC. , 2021, , .		0
44	Study of (Λ^{h}) Identification Method by the $(\pi^{\text{h}} - p) \text{ o } \text{K}^{\text{h}}\Lambda^{\text{h}}$ Reaction for a $(\Lambda^{\text{h}} p)$ Scattering Experiment at J-PARC. , 2021, , .		0
45	THE INVESTIGATION OF STRANGENESS PHOTOPRODUCTION IN THE THRESHOLD REGION AT LNS-TOHOKU. , 2010, , .		0
46	Measurement of Charged Pion Photoproduction at ELPH. , 2014, , .		0
47	Study of Double Delta Photoproduction on the Deuteron in the Energy Region of $E^{\text{h}} = 0.65\text{--}1.1\text{ GeV}$. , 2014, , .		0
48	Investigation of Strangeness Photoproduction near the Threshold at ELPH, Tohoku University. , 2014, , .		0
49	Measurement of 3-Body Hadronic Reactions with HypTPC at J-PARC. , 2015, , .		0
50	Study of $\Lambda^{\text{h}}\text{N}$ Interaction via the Λ^{h} -ray Spectroscopy of $(\Lambda^{\text{h}}\text{He})$ and $(\Lambda^{\text{h}}\text{F})$ (E13-1st). , 2015, , .		0
51	Photoproduction of $\Lambda^{\text{h}}\text{K}^{\text{h}}$ and $\Lambda^{\text{h}}\text{K}^{\text{h}}$ on Deuteron. , 2015, , .		0
52	J-PARC E27 Experiment to Search for a $\Lambda^{\text{h}}\text{pp}$ Bound State. , 2015, , .		0
53	Spectroscopy of Nuclei with Multi-Strangeness by Using New S-2S Spectrometer at J-PARC. , 2017, , .		0
54	Search for Excited State of $(\Sigma^{\text{h}}\text{He})$ Hypernucleus in the J-PARC E13 Experiment. , 2019, , .		0

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55	Experimental Study of Di-quark Correlation by Charmed Baryon Spectroscopy at J-PARC High-Momentum Secondary Beam Line. , 2019, , .		0
56	First Λ^3 -Ray Spectroscopy of an sd -Shell Hypernucleus, $(\Lambda^{19}\text{ext}\{F\})$. , 2019, , .		0
57	Study of Y^* in Nuclei through $C(K^{\hat{a}}, \bar{\Lambda}^+X)$ Spectrum at 1.8 GeV/c in the J-PARC E05 Experiment. , 2019, , .		0