

Johann Haidenbauer

List of Publications by Year in descending order

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156
papers

5,634
citations

61984

43
h-index

91884

69
g-index

158
all docs

158
docs citations

158
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence that the $a_0(980)$ and $f_0(980)$ are not elementary particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 53-61.	4.1	347
2	Hyperon-nucleon interaction at next-to-leading order in chiral effective field theory. Nuclear Physics A, 2013, 915, 24-58.	1.5	223
3	Separable representation of the Paris nucleon-nucleon potential. Physical Review C, 1984, 30, 1822-1839.	2.9	216
4	Hyperon-nucleon interactions a chiral effective field theory approach. Nuclear Physics A, 2006, 779, 244-266.	1.5	187
5	Relativistic hyperon-nucleon model revisited. Physical Review C, 2005, 72, .	2.9	171
6	Coupled-channel dynamics in the reactions $\bar{N} \hat{+} N, \hat{+} N, K\hat{+}, K\hat{-}$. European Physical Journal A, 2013, 49, 1.	2.5	151
7	The quark-meson coupling model for $\hat{+}, \hat{-}$ and \hat{z} hypernuclei. Nuclear Physics A, 1998, 630, 691-718.	1.5	115
8	Near threshold enhancement of the Λ^* -mass spectrum in Λ^*/Λ decay. Physical Review D, 2005, 71, .	4.7	105
9	Pion-nucleon scattering in a meson-exchange model. Physical Review C, 2003, 68, .	2.9	96
10	Strangeness S baryon-nucleon interactions using chiral effective field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 29-37.	4.1	92
11	DN interaction from meson exchange. European Physical Journal A, 2011, 47, 1.	2.5	88
12	Comparison of Λ^* and Λ production near Threshold in Proton-Proton Collisions. Physical Review Letters, 1999, 83, 682-685.	7.8	85
13	Hyperon-nucleon interaction within chiral effective field theory revisited. European Physical Journal A, 2020, 56, 1.	2.5	83
14	Total cross section of the reaction $pp \hat{+} pK^+\hat{+}$ close to threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 211-216.	4.1	80
15	Meson-baryon dynamics in the nucleon-antinucleon system. I. The nucleon-antinucleon interaction. Physical Review C, 1991, 44, 1323-1336.	2.9	77
16	Flat-like distributions and the $a_0(980)/f_0(980)$ mesons. European Physical Journal A, 2005, 23, 523-533.	2.5	76
17	Eta photoproduction in a combined analysis of pion- and photon-induced reactions. European Physical Journal A, 2015, 51, 1.	2.5	75
18	Towards a field theoretic understanding of $NN \hat{+} NN$. European Physical Journal A, 2006, 27, 37-45.	2.5	73

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19	Photocouplings at the pole from pion photoproduction. European Physical Journal A, 2014, 50, 1.	2.5	68
20	Influence of $\Lambda(1540)$ resonance on K^+N scattering. Physical Review C, 2003, 68, .	2.9	67
21	ΛN interaction from meson-exchange and quark-gluon dynamics. European Physical Journal A, 2007, 33, 107-117.	2.5	67
22	The electromagnetic form factors of the proton in the timelike region. Nuclear Physics A, 2014, 929, 102-118.	1.5	67
23	Strangeness $S = \frac{1}{2}$ baryon-baryon interaction at next-to-leading order in chiral effective field theory. Nuclear Physics A, 2016, 954, 273-293.	1.5	66
24	Meson-baryon dynamics in the nucleon-antinucleon system. II. Annihilation into two mesons. Physical Review C, 1991, 44, 1337-1353.	2.9	61
25	Λ -hyperon production via the $pp \rightarrow pK^+\Lambda$ reaction 2 MeV above threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 859-865.	4.1	60
26	Dynamical coupled-channel approaches on a momentum lattice. European Physical Journal A, 2011, 47, 1.	2.5	60
27	Hyperons in nuclear matter from SU(3) chiral effective field theory. European Physical Journal A, 2016, 52, 1.	2.5	58
28	New results on the limit for the width of the exotic $\Lambda(1520)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 353, 277-281.	4.1	56
29	Role of the $\Lambda(1520)$ isobar in the reaction $NN \rightarrow NN\Lambda$ near threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 25-31.	4.1	55
30	Precision calculation of $\Lambda(1520)$ within chiral perturbation theory. European Physical Journal A, 2005, 26, 107-123.	2.5	55
31	How to extract the ΛN scattering length from production reactions. Physical Review C, 2004, 69, .	2.9	52
32	Pion photoproduction in a dynamical coupled-channels model. Physical Review C, 2012, 85, .	2.9	51
33	Reaction $p\bar{p} \rightarrow \Lambda\bar{\Lambda}$ in the meson-exchange picture. Physical Review C, 1992, 45, 931-946.	2.9	50
34	To bind or not to bind: The H-dibaryon in light of chiral effective field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 706, 100-105.	4.1	50
35	Lambda-nuclear interactions and hyperon puzzle in neutron stars. European Physical Journal A, 2017, 53, 1.	2.5	50
36	The radiative decays $\Lambda(1520) \rightarrow \Lambda(1115)\pi^0/\pi^\pm$ in the molecular model for the scalar mesons. European Physical Journal A, 2005, 24, 437-443.	2.5	49

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37	Antinucleon-nucleon interaction in chiral effective field theory. Journal of High Energy Physics, 2014, 2014, 1.	4.7	49
38	Energy dependence of the $\hat{\Lambda}/\hat{\Sigma}$ production cross-section ratio in p-p interactions. European Physical Journal A, 2004, 22, 293-299.	2.5	47
39	Near threshold $\hat{p}\hat{p}\hat{\Lambda}^+$ enhancement in \hat{B} decay. Physical Review D, 2006, 74, .	4.7	45
40	Charmed meson rescattering in the reaction $\hat{\Sigma}^+ \hat{p} \rightarrow \hat{p} \hat{\Lambda}^+ \hat{K}^0$. European Physical Journal A, 2008, 37, 55-67.	2.5	44
41	On the strong energy dependence of the $\hat{\Lambda}^0/\hat{\Sigma}^0$ production cross-section ratio in p-p interactions. <small>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.elsevi. Physics</small>	4.1	43
42	Resonances and final-state interactions in the reaction $\hat{p}\hat{p}\hat{\Lambda}^+ \rightarrow \hat{p}\hat{K}^+\hat{\Lambda}^0$. European Physical Journal A, 2006, 27, 269-285.	2.5	43
43	The electromagnetic form factors of the $\hat{\Lambda}^0$ in the timelike region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 456-461.	4.1	43
44	Meson-exchange and quark-gluon transitions in the $\hat{p}\hat{p}\hat{\Lambda}^+ \rightarrow \hat{p}\hat{\Lambda}^+\hat{\Lambda}^0$ process. Physical Review C, 1992, 46, 2158-2171.	2.9	42
45	Leading three-baryon forces from SU(3) chiral effective field theory. Physical Review C, 2016, 93, .	2.9	42
46	Coupled-channel effects in hadron-hadron correlation functions. Nuclear Physics A, 2019, 981, 1-16.	1.5	42
47	Insight into scalar mesons from their radiative decays. Physical Review C, 2006, 73, .	2.9	41
48	Predictions for the strangeness $\hat{\Lambda}^0/\hat{\Sigma}^0$ and $\hat{\Lambda}^0/\hat{\Sigma}^0$ baryon-hadron interactions in chiral effective field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 275-280.	4.1	41
49	Antinucleon-nucleon interaction at next-to-next-to-next-to-leading order in chiral effective field theory. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
50	The Hyperon-Nucleon Interaction: Conventional Versus Effective Field Theory Approach. , 2007, , 113-140.		41
51	Coupled-channel potential for nucleons and deltas. Physical Review C, 1993, 48, 2190-2200.	2.9	40
52	The reactions $\hat{p}\hat{p}\hat{\Lambda}^+ \rightarrow \hat{p}\hat{\Lambda}^+\hat{K}^+$ and $\hat{p}\hat{p}\hat{\Lambda}^+ \rightarrow \hat{p}\hat{\Lambda}^0\hat{K}^+$ near their thresholds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 273-279.	4.1	40
53	$\hat{\Lambda}^0/\hat{\Sigma}^0$ production cross-section ratio in p-p interactions. <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" > </mml:mi> X </mml:mi> < mml:mo> = </mml:mo> < mml:mo> \hat{\Lambda}^0 </mml:mo> < mml:mn> 3 </mml:mn> </mml:math> and $\hat{\Lambda}^0/\hat{\Sigma}^0$ baryon-hadron interactions in chiral effective field theory. <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" > </mml:mi> Y </mml:mi> < mml:mo> = </mml:mo> < mml:mo> \hat{\Lambda}^0 </mml:mo> < mml:mn> 4 </mml:mn> </mml:math></small></small>	4.7	40
54	Exotic bound states of two baryons in light of chiral effective field theory. Nuclear Physics A, 2012, 881, 44-61.	1.5	40

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55	Ï†-meson production in proton-proton collisions. Physical Review C, 1999, 60, .	2.9	39
56	The reaction $\bar{p} + p \rightarrow \Lambda^0 + p + \pi^+$ close to threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 314-319.	4.1	38
57	Precise calculation of the two-step process for $\bar{p} + p \rightarrow \Lambda^0 + p + \pi^+$ the Λ^0 resonance region. Physical Review C, 2012, 85, .	4.1	39
58	A study of hyperons in nuclear matter based on chiral effective field theory. Nuclear Physics A, 2015, 936, 29-44.	1.5	39
59	Extraction of the strong neutron-proton mass difference from the charge symmetry breaking in $\bar{p} + n \rightarrow \Lambda^0 + d$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 423-427.	4.1	38
60	PANDA Phase One. European Physical Journal A, 2021, 57, 1.	2.5	38
61	Λ^0 -final state interaction in incoherent photoproduction of Λ^0 mesons from the deuteron near threshold. Physical Review C, 2002, 65, .	2.9	37
62	p-wave pion production from nucleon-nucleon collisions. Physical Review C, 2009, 80, .	2.9	33
63	Near-threshold $\bar{p} + p \rightarrow \Lambda^0 + p + \pi^+$ invariant mass spectrum measured in $\bar{p} + p \rightarrow \Lambda^0 + p + \pi^+$.	4.1	33
64	Short-range repulsion and isospin dependence in the kaon-nucleon(KN)system. Physical Review C, 2002, 66, .	2.9	32
65	In-medium properties of a ΞN interaction derived from chiral effective field theory. European Physical Journal A, 2019, 55, 1.	2.5	32
66	Do Λ^0 bound states exist?. European Physical Journal A, 2015, 51, 1.	2.5	31
67	Aspects of Λ^0 -meson production in proton-proton collisions. European Physical Journal A, 2006, 27, 263-268.	2.5	30
68	Density-dependent effective baryon-baryon interaction from chiral three-baryon forces. Nuclear Physics A, 2017, 957, 347-378.	1.5	30
69	Origin of the structures observed in $\bar{p} + p \rightarrow \Lambda^0 + p + \pi^+$ into multipion states around the Λ^0 threshold. Physical Review D, 2015, 92, .	4.7	29
70	Scattering of decuplet baryons in chiral effective field theory. European Physical Journal C, 2017, 77, 1.	3.9	28
71	Kaon Photoproduction and the Λ^0 Decay Parameter Γ_{Λ^0} . Physical Review Letters, 2019, 123, 182301.	7.8	28
72	Extraction of scattering lengths from final-state interactions. Physical Review C, 2005, 72, .	2.9	26

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73	Hyperon electromagnetic form factors in the timelike region. Physical Review D, 2021, 103, .	4.7	26
74	Implications of an increased $\hat{\nu}$ -separation energy of the hypertriton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135189.	4.1	25
75	Hyperon-Nuclear Interactions From SU(3) Chiral Effective Field Theory. Frontiers in Physics, 2020, 8, .	2.1	25
76	Can one discriminate between meson-exchange and quark-gluon transition mechanisms in the process?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 291, 223-227.	4.1	24
77	Calculating the $\langle X \rangle$ $\langle 4630 \rangle$ $\langle T_j \rangle$ $\langle 1.0784314 \rangle$ $\langle \text{rgBT} \rangle$ $\langle 10 \rangle$ $\langle 50 \rangle$ $\langle 582 \rangle$ $\langle T_d \rangle$ $\langle \text{stretchy} \rangle$ $\langle \text{fal} \rangle$	4.7	24
78	Folded-diagram nucleon-nucleon potential for application to the many-body problem. Physical Review C, 1992, 45, 2055-2067.	2.9	23
79	Analysis of $\hat{\nu}$ -production in K^+ -Xe collisions. European Physical Journal A, 2005, 23, 491-499.	2.5	22
80	Scattering lengths of strangeness $\langle S \rangle = \langle \hat{\nu} \rangle$ $\langle 2 \rangle$ $\langle 2 \rangle$ interactions. Physical Review C, 2012, 85, .	2.9	22
81	Regge approach to charged pion photoproduction at invariant energies above 2 GeV. European Physical Journal A, 2007, 34, 49.	2.5	20
82	Final-state interactions in the process $\$ \$ \text{ar pp o pK}^+ + \text{Lambda} \$ \$$. European Physical Journal A, 2013, 49, 1.	2.5	20
83	Production of charmed pseudoscalar mesons in antiproton-proton annihilation. Physical Review D, 2014, 89, .	4.7	20
84	On the migdal-watson approach to FSI effects in meson production in NN collisions. Physics of Atomic Nuclei, 2001, 64, 579-584.	0.4	19
85	Phenomenology of the $\hat{\nu}/\hat{\nu}$ -production ratio in pp collisions. European Physical Journal A, 2006, 29, 363-367.	2.5	19
86	Jacobi no-core shell model for p-shell hypernuclei. European Physical Journal A, 2020, 56, 1.	2.5	19
87	The reactions $\text{pn} \hat{\nu}^+ \text{d} \rightarrow \text{pn} \hat{\nu}^+ \text{d} \hat{\nu}$ near threshold. Physical Review C, 2000, 63, .	2.9	18
88	Neutron-neutron scattering length from the reaction $\hat{\nu} \text{d} \hat{\nu}^+ \hat{\nu}$ employing chiral perturbation theory. European Physical Journal A, 2007, 33, 339-348.	2.5	18
89	Neutral pion photoproduction at high energies. European Physical Journal A, 2009, 41, 71-84.	2.5	18
90	Scattering of charmed baryons on nucleons. European Physical Journal A, 2018, 54, 1.	2.5	18

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91	Study of the $\hat{\Lambda}p$ interaction close to the and thresholds. Nuclear Physics A, 2013, 901, 65-88.	1.5	17
92	Nucleon-Deuteron Scattering with Δ -Isobar Excitation, II: Elastic Scattering. Few-Body Systems, 1998, 24, 241-261.	1.5	16
93	Forward $\hat{\Lambda}$ -elastic scattering and total spin-dependent $\hat{\Lambda}$ -cross sections at intermediate energies. Physical Review C, 2009, 79, .	2.9	16
94	A meson-exchange model for the antihyperon-hyperon production. Nuclear Physics A, 1993, 562, 317-351.	1.5	15
95	Pion-nucleon charge exchange amplitudes above 2 GeV. European Physical Journal A, 2009, 40, 77-87.	2.5	15
96	Polarized proton-deuteron scattering as a test of time-reversal invariance. Physical Review C, 2016, 94, .	2.9	15
97	Partial-wave analysis of $\hat{\Lambda}p \rightarrow \hat{\Lambda}p$ data. Physical Review C, 2005, 72, .	2.9	14
98	Neutron-antineutron oscillations in the deuteron studied with NN and $\bar{N}N$ interactions based on chiral effective field theory. Chinese Physics C, 2020, 44, 033101.	3.7	14
99	$K^{\bar{0}}$ photoproduction from protons. European Physical Journal A, 2007, 31, 221-232.	2.5	13
100	Backward pion photoproduction. European Physical Journal A, 2009, 40, 65-75.	2.5	13
101	Structure of single- Λ hypernuclei with chiral hyperon-nucleon potentials. European Physical Journal A, 2020, 56, 1.	2.5	13
102	Incoherent $\hat{\Lambda}$ -photoproduction from the deuteron near threshold. Physical Review C, 2002, 65, .	2.9	12
103	Backward pion-nucleon scattering. European Physical Journal A, 2010, 44, 81-92.	2.5	12
104	Analysis of recent η photoproduction data. European Physical Journal A, 2010, 46, 359-371.	2.5	12
105	Production of charmed baryons in $p\hat{\Lambda}$ collisions close to their thresholds. Physical Review D, 2017, 95, .	4.7	12
106	Exploring the $\hat{\Lambda}$ -deuteron interaction via correlations in heavy-ion collisions. Physical Review C, 2020, 102, .	2.9	12
107	Constraints on the Λ -Neutron Interaction from Charge Symmetry Breaking in the ${}^4_{\Lambda}\text{He}$ - ${}^4_{\Lambda}\text{H}$ Hypernuclei. Few-Body Systems, 2021, 62, 1.	1.5	12
108	Comment on Λ Mass and $K^{\bar{0}}$ Coupling of the $N^*(1535)$. Physical Review Letters, 2007, 98, 039101; discussion 039102.	7.8	11

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109	The pp̄K+ $\hat{\Lambda}^-$ +n cross-section from missing-mass spectra. European Physical Journal A, 2007, 32, 229-241.	2.5	11
110	Near threshold $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ enhancement in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ Exact calculations of a quasibound state in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" stretch="false"} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	4.1	11
111	Physical Review C, 2015, 92, .	2.9	11
112	SU(4) flavor symmetry breaking in D-meson couplings to light hadrons. European Physical Journal A, 2017, 53, 1.	2.5	11
113	Charm Production in Antiproton-Proton Annihilation. Few-Body Systems, 2011, 50, 183-186.	1.5	10
114	Determination of the spin triplet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" stretch="false"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ scattering length from the final state interaction in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" stretch="false"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$	2.9	10
115	Phenomenological view on baryon-baryon potentials from lattice QCD simulations. European Physical Journal A, 2019, 55, 1.	2.5	10
116	Incoherent photoproduction of $\hat{\Lambda}$ -mesons from the deuteron near threshold. Physical Review C, 2001, 64, .	2.9	9
117	$\hat{\Lambda}$ -N scattering length from the reaction $\hat{\Lambda}^3 \text{d} \hat{\Lambda}^- \text{K}^+ \hat{\Lambda}^- \text{n}$. European Physical Journal A, 2007, 32, 61-67.	2.5	9
118	Proton-proton scattering above 3 GeV/c. European Physical Journal A, 2010, 45, 357-372.	2.5	9
119	Elastic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ scattering and total $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si7.gif" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ cross	2.9	9
120	Baryon $\hat{\Lambda}$ baryon interactions from chiral effective field theory. Nuclear Physics A, 2013, 914, 220-230.	1.5	9
121	$\text{p} \hat{\Lambda}^- \text{p} \hat{\Lambda}^- \hat{\Lambda}^3$ reaction in the meson exchange picture. Physical Review C, 1993, 47, 2982-2985.	2.9	8
122	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si8.gif" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{J} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda}^- \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Lambda}^- \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda}^- \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda}^- \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	4.7	8
123	Kaon $\hat{\Lambda}$ deuteron scattering at low energies. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, R395-R416.	3.6	7
124	Femtoscopic correlations and the $\Lambda_c N$ interaction. European Physical Journal A, 2020, 56, 1.	2.5	7
125	Predictions for charmed nuclei based on $\Lambda_c N$ forces inferred from lattice QCD simulations. European Physical Journal A, 2020, 56, 1.	2.5	7
126	S-shell Λ_c hypernuclei based on chiral interactions. European Physical Journal A, 2021, 57, 1.	2.5	7

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127	On the structure in the $\hat{1}N$ cross section at the $\hat{1}N$ threshold *. Chinese Physics C, 2021, 45, 094104.	3.7	7
128	Primakoff effect in η -photoproduction off protons. European Physical Journal A, 2010, 44, 169-173.	2.5	6
129	Faddeev approach to the reaction $\hat{1}N + K \rightarrow \hat{1}N + \eta$ at $\hat{1}N$ threshold. Chinese Physics C, 2021, 45, 094104.	2.9	6
130	Antiproton scattering off ^3He and ^4He nuclei at $\hat{1}N$ threshold. Chinese Physics C, 2021, 45, 094104.	2.9	5
131	Structure in $\hat{1}N$ cross section at $\hat{1}N$ threshold. Chinese Physics C, 2021, 45, 094104.	4.7	5
132	Structure in $\hat{1}N$ cross section at $\hat{1}N$ threshold. Chinese Physics C, 2021, 45, 094104.	4.7	5
133	$\hat{1}N$ hypernuclei based on interactions from chiral effective field theory. European Physical Journal A, 2021, 57, 1.	2.5	5
134	Comment on "Once more about the $K\bar{K}^*$ -molecule approach to the light scalars". Physical Review D, 2008, 78, .	4.7	4
135	Chiral perturbation theory calculation for $pn \rightarrow d\pi$ at threshold. European Physical Journal A, 2011, 47, 1.	2.5	4
136	Foundations of strangeness nuclear physics derived from chiral effective field theory. International Journal of Modern Physics E, 2017, 26, 1740019.	1.0	4
137	Antinucleon-nucleon interaction in chiral effective field theory. EPJ Web of Conferences, 2018, 181, 01028.	0.3	4
138	Exploring the $\hat{1}N+p$ interaction by measurements of the correlation function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137074.	4.1	4
139	Baryon-baryon interactions from Effective Field Theory. EPJ Web of Conferences, 2010, 3, 01009.	0.3	3
140	Spin dependence of the antinucleon-nucleon interaction. Journal of Physics: Conference Series, 2011, 295, 012094.	0.4	3
141	Total spin-dependent p, d cross sections at low and intermediate energies. Hyperfine Interactions, 2009, 194, 283-289.	0.5	2
142	Hyperon-Nucleon and Hyperon-Hyperon Interactions in Chiral Effective Field Theory. Few-Body Systems, 2013, 54, 85-91.	1.5	2
143	Elastic $\hat{1}N$ -scattering and total $\hat{1}N$ -cross sections reexamined. Physical Review C, 2013, 88, .	2.9	2
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