

Ulf-G Meissner

List of Publications by Year in descending order

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501
papers

33,572
citations

5891

81
h-index

4988

167
g-index

506
all docs

506
docs citations

506
times ranked

13454
citing authors

#	ARTICLE	IF	CITATIONS
1	International workshop on next generation gamma-ray source. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 010502. Update on $\int d^4x \bar{\psi} \gamma_\mu \psi$ and $\int d^4x \bar{\psi} \gamma_\mu \psi$	1.4	12
2	Chiral theory of $\int d^4x \bar{\psi} \gamma_\mu \psi$ -meson gravitational form factors. Physical Review D, 2022, 105, .	1.6	20
3	Alpha-alpha scattering in the Multiverse. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
4	Alpha-alpha scattering in the Multiverse. Journal of High Energy Physics, 2022, 2022, 1.	1.6	3
5	New Insights into the Nucleon's Electromagnetic Structure. Physical Review Letters, 2022, 128, 052002.	2.9	35
6	Remarks on non-perturbative three-body dynamics and its application to the $KK\{ar\{K\}}\{s\}$ system. European Physical Journal A, 2022, 58, 1.	1.0	2
7	Resonance contributions in $B \rightarrow K^+ K^- \pi^+$ within the light-cone sum rule approach. European Physical Journal C, 2022, 82, 1.	1.4	4
8	Three-body renormalization group limit cycles based on unsupervised feature learning. Machine Learning: Science and Technology, 2022, 3, 025003.	2.4	1
9	Pion axioproducton: The $\int d^4x \bar{\psi} \gamma_\mu \psi$ resonance contribution. Physical Review D, 2022, 105, .	1.6	2
10	Electric dipole moments of baryons with bottom quarks. Physical Review D, 2022, 105, .	1.6	3
11	Differential cross section predictions for PRad-II from dispersion theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136981.	1.5	4
12	Radiative corrections to elastic muon-proton scattering at low momentum transfers. Physical Review D, 2022, 105, .	1.6	3
13	Update on strong and radiative decays of the $D_{s0}^{*+}(2317)$ and $D_{s1}(2460)$ and their bottom cousins. European Physical Journal A, 2022, 58, .	1.0	11
14	Resonances in heavy meson-heavy baryon coupled-channel interactions. European Physical Journal C, 2022, 82, .	1.4	9
15	Prediction of five-flavored pentaquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 831, 137197.	1.5	5
16	Perturbative Quantum Monte Carlo Method for Nuclear Physics. Physical Review Letters, 2022, 128, .	2.9	4
17	Definition of Local Spatial Densities in Hadrons. Physical Review Letters, 2022, 129, .	2.9	25
18	Complete theory of radiative corrections to $K_{\ell 3}$ decays and the Vus update. Journal of High Energy Physics, 2022, 2022, .	1.6	15

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19	Coupled-channels analysis of pion and η electroproduction within the Jülich-Bonn-Washington model. Physical Review C, 2022, 106, .	1.1	9
20	Hyperon electromagnetic form factors in the timelike region. Physical Review D, 2021, 103, .	1.6	26
21	Strong CP violation in spin-1/2 singly charmed baryons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	7
22	P-wave two-particle bound and scattering states in a finite volume including QED. European Physical Journal A, 2021, 57, 1.	1.0	4
23	Finite volume corrections to forward Compton scattering off the nucleon. Physical Review D, 2021, 103, .	1.6	3
24	Two-meson form factors in unitarized chiral perturbation theory. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
25	Chiral dynamics and S-wave contributions in $\Lambda^0 \rightarrow \pi^+ \eta^-$ decays. European Physical Journal C, 2021, 81, 1.	1.4	4
26	g-Factor and static quadrupole moment of ^{135}Pr , ^{105}Pd , and ^{187}Au in wobbling motion. European Physical Journal A, 2021, 57, 1.	1.0	7
27	Where Is the Lightest Charmed Scalar Meson?. Physical Review Letters, 2021, 126, 192001.	2.9	19
28	High-precision determination of the electric and magnetic radius of the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136254.	1.5	22
29	Light nuclei with semilocal momentum-space regularized chiral interactions up to third order. Physical Review C, 2021, 103, .	1.1	52
30	Neural network perturbation theory and its application to the Born series. Physical Review Research, 2021, 3, .	1.3	2
31	Jülich-Bonn-Washington model for pion electroproduction multipoles. Physical Review C, 2021, 103, .	1.1	19
32	S-shell Λ hypernuclei based on chiral interactions. European Physical Journal A, 2021, 57, 1.	1.0	7
33	The $\Lambda(1405)$ in resummed chiral effective field theory. European Physical Journal C, 2021, 81, 1.	1.4	3
34	Effective Field Theory for Shallow P-Wave States. Few-Body Systems, 2021, 62, 1.	0.7	9
35	Dispersion-theoretical analysis of the electromagnetic form factors of the nucleon: Past, present and future. European Physical Journal A, 2021, 57, 1.	1.0	25
36	Hidden Spin-Isospin Exchange Symmetry. Physical Review Letters, 2021, 127, 062501.	2.9	9

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37	Revisiting the nature of the P_c pentaquarks. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	45
38	The axion-baryon coupling in SU(3) heavy baryon chiral perturbation theory. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
39	On the structure in the $\hat{\Lambda}N$ cross section at the $\hat{\Lambda}N$ threshold *. <i>Chinese Physics C</i> , 2021, 45, 094104.	1.5	7
40	Wigner SU(4) symmetry, clustering, and the spectrum of ${}^{12}\text{C}$. <i>European Physical Journal A</i> , 2021, 57, 1.	1.0	6
41	High-precision determination of the K_3 radiative corrections. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136522.	1.5	17
42	Constraints on the Λ -Neutron Interaction from Charge Symmetry Breaking in the ${}^4_{\Lambda}\text{He}$ - ${}^4_{\Lambda}\text{H}$ Hypernuclei. <i>Few-Body Systems</i> , 2021, 62, 1.	0.7	12
43	Improved K_3 radiative corrections sharpen the $K_1/4\pi$ K_3 discrepancy. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	16
44	Towards an improved understanding of $\vec{\eta} \rightarrow \gamma^* \gamma^*$. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	8
45	$A=4-7$ Λ hypernuclei based on interactions from chiral effective field theory. <i>European Physical Journal A</i> , 2021, 57, 1.	1.0	5
46	The proton radius: from a puzzle to precision. <i>Science Bulletin</i> , 2020, 65, 257-258.	4.3	37
47	Impurity lattice Monte Carlo for hypernuclei. <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	8
48	QCD $\hat{\Lambda}$ -vacuum energy and axion properties. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
49	Precision Predictions. <i>Nuclear Physics News</i> , 2020, 30, 17-20.	0.1	1
50	Static quadrupole moments of nuclear chiral doublet bands. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 807, 135568.	1.5	7
51	$\langle i \rangle \text{Ab} \hat{\Lambda} \text{initio} \langle /i \rangle$ Nuclear Thermodynamics. <i>Physical Review Letters</i> , 2020, 125, 192502.	2.9	19
52	Misconceptions on Effective Field Theories and Spontaneous Symmetry Breaking: Response to Ellisâ€™™ Article. <i>Foundations of Physics</i> , 2020, 50, 1140-1151.	0.6	2
53	Jacobi no-core shell model for p-shell hypernuclei. <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	19
54	Deciphering the mechanism of near-threshold Λ/ψ photoproduction. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	39

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55	Subleading contributions to the nuclear scalar isoscalar current. European Physical Journal A, 2020, 56, 1.	1.0	3
56	Box diagram contribution to the axial two-nucleon current. Physical Review C, 2020, 101, .	1.1	7
57	How to renormalize integral equations with singular potentials in effective field theory. European Physical Journal A, 2020, 56, 1.	1.0	17
58	An update on fine-tunings in the triple-alpha process. European Physical Journal A, 2020, 56, 1.	1.0	11
59	Two-Pole Structures in QCD: Facts, Not Fantasy!. Symmetry, 2020, 12, 981.	1.1	46
60	Interpretation of the LHCb P_c States as Hadronic Molecules and Hints of a Narrow P_c as Hadronic Molecules and Hints of a Narrow P_c	2.9	97
61	A new theory framework for the electroweak radiative corrections in K_{l3} decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
62	Hyperon-nucleon interaction within chiral effective field theory revisited. European Physical Journal A, 2020, 56, 1.	1.0	83
63	Hyperon-Nuclear Interactions From SU(3) Chiral Effective Field Theory. Frontiers in Physics, 2020, 8, .	1.0	25
64	Precision calculation of the axion-nucleon coupling in chiral perturbation theory. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
65	Towards high-order calculations of three-nucleon scattering in chiral effective field theory. European Physical Journal A, 2020, 56, 1.	1.0	52
66	New method for calculating electromagnetic effects in semileptonic beta-decays of mesons. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
67	\hat{I} -dependence of light nuclei and nucleosynthesis. Physical Review Research, 2020, 2, .	1.3	14
68	Investigation of $\psi \rightarrow \gamma, \pi^0 \eta (\pi^+ \pi^-, \pi^0 \pi^0)$ radiative decays including final-state interactions. European Physical Journal A, 2020, 56, 1.	1.0	9
69	Towards a heavy diquark effective theory for weak decays of doubly heavy baryons. European Physical Journal C, 2020, 80, 1.	1.4	16
70	Meson-baryon scattering in resummed baryon chiral perturbation theory using time-ordered perturbation theory. European Physical Journal C, 2020, 80, 1.	1.4	4
71	Towards the continuum coupling in nuclear lattice effective field theory I: A three-particle model *. Chinese Physics C, 2020, 44, 124109.	1.5	0
72	Flavor decomposition of the pion-nucleon \tilde{f} -term. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5

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73	Application of Semilocal Coordinate-Space Regularized Chiral Forces to Elastic Nd Scattering and Breakup. Few-Body Systems, 2019, 60, 1.	0.7	7
74	Trimeson bound state BBB* via a delocalized $\bar{I}\bar{C}$ bond. Physical Review D, 2019, 100, .	1.6	4
75	Implications of chiral symmetry on $\langle S \rangle$ -wave pionic resonances and the scalar charmed mesons. Physical Review D, 2019, 99, .	1.6	12
76	Galilean invariance restoration on the lattice. Physical Review C, 2019, 99, .	1.1	11
77	Energy shift of the three-particle system in a finite volume. Physical Review D, 2019, 99, .	1.6	42
78	Aspects of the QCD \hat{I} -vacuum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
79	Remarks on the heavy-quark flavour symmetry for doubly heavy hadronic molecules. European Physical Journal C, 2019, 79, 1.	1.4	13
80	Essential elements for nuclear binding. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134863.	1.5	47
81	Vacuum energy in the effective field theory of general relativity. Physical Review D, 2019, 100, .	1.6	2
82	Derivation of spontaneously broken gauge symmetry from the consistency of effective field theory II: Scalar field self-interactions and the electromagnetic interaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 436-441.	1.5	0
83	Introduction to Effective Field Theory. Lecture Notes in Physics, 2019, , 1-21.	0.3	17
84	Behavior of the collective rotor in nuclear chiral motion. Physical Review C, 2019, 99, .	1.1	14
85	Reply to the Comment by Manuel Pavon Valderrama on "How (not) to renormalize integral equations with singular potentials in effective field theory" European Physical Journal A, 2019, 55, 1.	1.0	8
86	Chiral constraints on the isoscalar electromagnetic spectral functions of the nucleon from leading order vector meson couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 103-108.	1.5	2
87	Toward a First-Principles Calculation of Electroweak Box Diagrams. Physical Review Letters, 2019, 122, 211802.	2.9	21
88	Nuclear Electromagnetic Currents to Fourth Order in Chiral Effective Field Theory. Few-Body Systems, 2019, 60, 1.	0.7	24
89	Isospin breaking decays as a diagnosis of the hadronic molecular structure of the $\langle P \rangle$	1.6	92
90	Nuclear Lattice Effective Field Theory. Lecture Notes in Physics, 2019, , .	0.3	34

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91	Constraints on disconnected contributions in $\pi\pi$ scattering. Journal of High Energy Physics, 2019, 2019, 1.	1.6	2
92	Nucleon in a periodic magnetic field: Finite-volume aspects. Physical Review D, 2019, 99, .	1.6	6
93	Double heavy tri-hadron bound state via delocalized $\bar{c}c$ bond. Chinese Physics C, 2019, 43, 014102.	1.5	16
94	Few- and many-nucleon systems with semilocal coordinate-space regularized chiral two- and three-body forces. Physical Review C, 2019, 99, .	1.1	68
95	Towards a precise determination of the scattering amplitudes of the charmed and light-flavor pseudoscalar mesons. European Physical Journal C, 2019, 79, 1.	1.4	42
96	A Study on the Correlation Between Poles and Cuts in $\pi\pi$ Scattering*. Communications in Theoretical Physics, 2019, 71, 1309.	1.1	4
97	Vacuum energy in the effective field theory of general relativity. II. Inclusion of fermions and a comment on the QCD contribution. Physical Review D, 2019, 100, .	1.6	0
98	All the fun of the FAIR: fundamental physics at the facility for antiproton and ion research. Physica Scripta, 2019, 94, 033001.	1.2	79
99	Light and Medium-Mass Nuclei on the Lattice. Lecture Notes in Physics, 2019, , 253-289.	0.3	0
100	Two and Three Nucleons on the Lattice. Lecture Notes in Physics, 2019, , 135-195.	0.3	0
101	Lattice Chiral Effective Field Theory. Lecture Notes in Physics, 2019, , 83-133.	0.3	0
102	Addendum to: Aspects of the QCD \hat{I} -vacuum. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
103	Amplitude analysis of the anomalous decay $\pi^0 \rightarrow \pi^+ \pi^- \gamma$. Physical Review D, 2019, 99, .	1.7	17
104	Hadronic molecules. Reviews of Modern Physics, 2018, 90, .	16.4	836
105	Extracting the $\langle i \hat{f} j \rangle$ -term from low-energy pion-nucleon scattering. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 024001.	1.4	68
106	Wilsonian Renormalization Group and the Lippmann-Schwinger Equation with a Multitude of Cutoff Parameters. Communications in Theoretical Physics, 2018, 69, 303.	1.1	9
107	Nuclear Physics as Precision Science. Journal of Physics: Conference Series, 2018, 1136, 012001.	0.3	0
108	Exploratory study of possible resonances in heavy meson - heavy baryon coupled-channel interactions. Chinese Physics C, 2018, 42, 023106.	1.5	31

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109	Interactions between vector mesons and dynamically generated resonances. European Physical Journal C, 2018, 78, 1.	1.4	28
110	New spectrum of negative-parity doubly charmed baryons: Possibility of two quasistable states. Physical Review D, 2018, 98, .	1.6	20
111	Test of semilocal duality in a large $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ framework. Physical Review D, 2018, 98, .	1.6	9
112	Behavior of the collective rotor in wobbling motion. Physical Review C, 2018, 98, .	1.1	34
113	Three-particle bound states in a finite volume: Unequal masses and higher partial waves. Physical Review D, 2018, 98, .	1.6	25
114	The Tjon band in Nuclear Lattice Effective Field Theory. European Physical Journal A, 2018, 54, 1.	1.0	16
115	Towards a new paradigm for heavy-light meson spectroscopy. Physical Review D, 2018, 98, .	1.6	41
116	Breaking and restoration of rotational symmetry in the low energy spectrum of light α \mathbb{Z}_2 -conjugate nuclei on the lattice I: ^8Be and ^{12}C . European Physical Journal A, 2018, 54, 1.	1.0	7
117	Octet baryon magnetic moments at next-to-next-to-leading order in covariant chiral perturbation theory. European Physical Journal C, 2018, 78, 1.	1.4	13
118	Neutron-proton scattering with lattice chiral effective field theory at next-to-next-to-next-to-leading order. Physical Review C, 2018, 98, .	1.1	20
119	How (not) to renormalize integral equations with singular potentials in effective field theory. European Physical Journal A, 2018, 54, 1.	1.0	41
120	Derivation of spontaneously broken gauge symmetry from the consistency of effective field theory I: Massive vector bosons coupled to a scalar field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 543-550.	1.5	1
121	Effective field theory for collective rotations and vibrations of triaxially deformed nuclei. Physical Review C, 2018, 97, .	1.1	4
122	A new method to study the number of colors in the final-state interactions of hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 294-300.	1.5	10
123	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review D, 2018, 98, .	1.6	8
124	Review of Particle Physics. Physical Review D, 2018, 98, .	1.6	5,390
125	Few-nucleon and many-nucleon systems with semilocal coordinate-space regularized chiral nucleon-nucleon forces. Physical Review C, 2018, 98, .	1.1	59
126	Microscopic clustering in light nuclei. Reviews of Modern Physics, 2018, 90, .	16.4	204

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127	Study of the $\langle \mathbf{h} \cdot \mathbf{h} \rangle$ scattering phase shifts in light of the χ PT. <i>International Journal of Modern Physics E</i> , 2017, 26, 1740019.	1.6	43
128	Foundations of strangeness nuclear physics derived from chiral effective field theory. <i>International Journal of Modern Physics E</i> , 2017, 26, 1740019.	0.4	4
129	Renormalization of the three-boson system with short-range interactions revisited. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	8
130	Modern Chiral Forces Applied to the Nucleon-Deuteron Radiative Capture. <i>Few-Body Systems</i> , 2017, 58, 1.	0.7	5
131	Nuclear axial current operators to fourth order in chiral effective field theory. <i>Annals of Physics</i> , 2017, 378, 317-395.	1.0	65
132	One-loop renormalization of the chiral Lagrangian for spinless matter fields in the SU(2) fundamental representation. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 014001.	1.4	10
133	Nuclear matter properties with nucleon-nucleon forces up to fifth order in the chiral expansion. <i>Physical Review C</i> , 2017, 96, .	1.1	29
134	Nucleon in a periodic magnetic field. <i>Physical Review D</i> , 2017, 95, .	1.6	9
135	Effects of Z and b states and bottom meson loops on π scattering. <i>Physical Review C</i> , 2017, 96, .	1.6	28
136	Chiral dynamics of/unstable particles. <i>EPJ Web of Conferences</i> , 2017, 134, 04005.	0.1	0
137	Connected and disconnected contractions in pion-pion scattering. <i>Nuclear Physics B</i> , 2017, 922, 480-498.	0.9	11
138	Reconciling threshold and subthreshold expansions for pion-nucleon scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 27-34.	1.5	68
139	A chiral covariant approach to $\vec{h} \cdot \vec{h}$ scattering. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	39
140	Calculations of the Isotopic Dependence of Nuclear Clustering. <i>Physical Review Letters</i> , 2017, 119, 222505.	2.9	47
141	Re-examining the X state. <i>Physical Review Letters</i> , 2017, 119, 222505.	1.6	24
142	Effective field theory for triaxially deformed nuclei. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	12
143	Neutron-proton scattering at next-to-next-to-leading order in Nuclear Lattice Effective Field Theory. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	17
144	Density-dependent effective baryon-baryon interaction from chiral three-baryon forces. <i>Nuclear Physics A</i> , 2017, 957, 347-378.	0.6	30

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145	Elastic and inelastic pion-nucleon scattering to fourth order in chiral perturbation theory. Physical Review C, 2017, 96, .	1.1	17
146	Wilsonian renormalization group versus subtractive renormalization in effective field theories for nucleon-nucleon scattering. Nuclear Physics B, 2017, 925, 161-185.	0.9	37
147	Study of open-charm $\Lambda^0 + \Lambda^0$ states in unitarized chiral effective theory with one-loop potentials. European Physical Journal C, 2017, 77, 1.	1.4	36
148	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.	1.6	41
149	Feynman-Hellmann theorem for resonances and the quest for QCD exotica. European Physical Journal C, 2017, 77, 1.	1.4	13
150	Generating a resonance-like structure in the reaction $B_c \rightarrow B_s \pi \pi$. European Physical Journal C, 2017, 77, 1.	1.4	20
151	Scattering of decuplet baryons in chiral effective field theory. European Physical Journal C, 2017, 77, 1.	1.4	28
152	Neutron properties from light nuclei. EPJ Web of Conferences, 2017, 134, 03005.	0.1	0
153	Chiral dynamics with (non)strange quarks. EPJ Web of Conferences, 2017, 134, 03002.	0.1	0
154	Spin structure of the nucleon (theory). EPJ Web of Conferences, 2017, 134, 04002.	0.1	0
155	The width of the Λ^* -resonance at two loop order in baryon chiral perturbation theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 1-8.	1.5	13
156	Strangeness $S = \pm 2$ baryon-baryon interaction at next-to-leading order in chiral effective field theory. Nuclear Physics A, 2016, 954, 273-293.	0.6	66
157	The $B \rightarrow K$ form factors on the lattice. Nuclear Physics B, 2016, 910, 387-409.	0.9	26
158	Remarks on the pion-nucleon \bar{f} -term. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 74-78.	1.5	47
159	The impact of new polarization data from Bonn, Mainz and Jefferson Laboratory on $\gamma p \rightarrow \pi N$ multipoles. European Physical Journal A, 2016, 52, 1.	1.0	45
160	Precise determination of lattice phase shifts and mixing angles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 309-313.	1.5	20
161	Nucleon-deuteron scattering using the adiabatic projection method. European Physical Journal A, 2016, 52, 1.	1.0	28
162	Role of the Total Isospin 3/2 Component in Three-Nucleon Reactions. Few-Body Systems, 2016, 57, 1213-1225.	0.7	11

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163	Violations of discrete space-time symmetries in chiral effective field theory. International Journal of Modern Physics E, 2016, 25, 1641008.	0.4	37
164	Elastic pion-nucleon scattering in chiral perturbation theory: A fresh look. Physical Review C, 2016, 94, .	1.1	36
165	The width of the Roper resonance in baryon chiral perturbation theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 736-741.	1.5	17
166	Nuclear Binding Near a Quantum Phase Transition. Physical Review Letters, 2016, 117, 132501.	2.9	74
167	Leading three-baryon forces from SU(3) chiral effective field theory. Physical Review C, 2016, 93, .	1.1	42
168	Few-nucleon systems with state-of-the-art chiral nucleon-nucleon forces. Physical Review C, 2016, 93, .	1.1	106
169	Effect of Z on S T J $ETQq1$ 1 0.784314 rgBT /Overlock 10 Tf 50 487	1.6	28
170	The long and winding road from chiral effective Lagrangians to nuclear structure. Physica Scripta, 2016, 91, 033005.	1.2	34
171	Testing semilocal chiral two-nucleon interaction in selected electroweak processes. Physical Review C, 2016, 93, .	1.1	20
172	The electromagnetic form factors of the $\hat{\nu}$ in the timelike region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 456-461.	1.5	43
173	P-wave coupled channel effects in electron-positron annihilation. Physical Review D, 2016, 94, .	1.6	8
174	The optical potential on the lattice. Journal of High Energy Physics, 2016, 2016, 1.	1.6	28
175	Aspects of the low-energy constants in the chiral Lagrangian for charmed mesons. Physical Review D, 2016, 94, .	1.6	26
176	Subtraction of power counting breaking terms in chiral perturbation theory: spinless matter fields. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
177	Two-nucleon scattering in a modified Weinberg approach with a symmetry-preserving regularization. European Physical Journal A, 2016, 52, 1.	1.0	11
178	Remarks on the P_c structures and triangle singularities. European Physical Journal A, 2016, 52, 1.	1.0	62
179	Radiative decays of resonances on the lattice. AIP Conference Proceedings, 2016, , .	0.3	0
180	Pion-nucleon scattering in covariant baryon chiral perturbation theory with explicit Delta resonances. Journal of High Energy Physics, 2016, 2016, 1.	1.6	67

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181	On the pole content of coupled channels chiral approaches used for the $K\bar{N}$ system. Nuclear Physics A, 2016, 954, 17-40.	0.6	69
182	Hyperons in nuclear matter from SU(3) chiral effective field theory. European Physical Journal A, 2016, 52, 1.	1.0	58
183	Roy-Steiner-equation analysis of pion-nucleon scattering. Physics Reports, 2016, 625, 1-88.	10.3	180
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