Constantia Alexandrou

List of Publications by Year
in descending order

177	5,411	66343	106344
papers	citations	42 h-index	65 g-index

181	181	181	1875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Parton distributions and lattice QCD calculations: A community white paper. Progress in Particle and Nuclear Physics, 2018, 100, 107-160.	14.4	186
2	Lattice calculation of parton distributions. Physical Review D, 2015, 92, .	4.7	137
3	A complete non-perturbative renormalization prescription for quasi-PDFs. Nuclear Physics B, 2017, 923, 394-415.	2.5	137
4	The static approximation of heavy-light quark systems. A detailed lattice study. Nuclear Physics B, 1994, 414, 815-855.	2.5	123
5	Light-Cone Parton Distribution Functions from Lattice QCD. Physical Review Letters, 2018, 121, 112001.	7.8	119
6	B-meson properties from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 256, 60-67.	4.1	118
7	Nucleon and pion structure with lattice QCD simulations at physical value of the pion mass. Physical Review D, 2015, 92, .	4.7	115
8	Baryon spectrum with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn><mml:mn> mass fermions. Physical Review D, 2014, 90, .	4.7	112
9	The ground state of three quarks. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 667-669.	0.4	109
10	Updated lattice results for parton distributions. Physical Review D, 2017, 96, .	4.7	100
11	Evidence for Diquarks in Lattice QCD. Physical Review Letters, 2006, 97, 222002.	7.8	96
12	Nucleon Spin and Momentum Decomposition Using Lattice QCD Simulations. Physical Review Letters, 2017, 119, 142002.	7.8	95
13	Direct Evaluation of the Quark Content of Nucleons from Lattice QCD at the Physical Point. Physical Review Letters, 2016, 116, 252001.	7.8	94
14	Transversity parton distribution functions from lattice QCD. Physical Review D, 2018, 98, .	4.7	91
15	Nucleon form factors and moments of generalized parton distributions using<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo mathvariant="bold">=</mml:mo><mml:mn>2</mml:mn><mml:mo mathvariant="bold">+</mml:mo><mml:mn>1</mml:mn><mml:mo mathvariant="bold">+</mml:mo><mml:mn>1</mml:mn></mml:math>twisted mass fermions. Physical Re...	4.7	89
16	N-to-Î”Electromagnetic-Transition Form Factors from Lattice QCD. Physical Review Letters, 2005, 94, 021601.	7.8	84
17	Static three-quark SU(3) and four-quark SU(4) potentials. Physical Review D, 2002, 65, .	4.7	81
18	Nucleon electromagnetic form factors from lattice QCD. Physical Review D, 2006, 74, .	4.7	81

#	Article	IF	Citations
19	Nucleon axial form factors using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math> twisted mass fermions with a physical value of the pion mass. Physical Review D, 2017, 96, .	4.7	75
20	Axial nucleon form factors from lattice QCD. Physical Review D, 2011, 83, .	4.7	69
21	Complete flavor decomposition of the spin and momentum fraction of the proton using lattice QCD simulations at physical pion mass. Physical Review D, 2020, 101, .	4.7	69
22	Nucleon axial, tensor, and scalar charges and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ïƒ</mml:mi></mml:math> -terms in lattice QCD. Physical Review D, 2020, 102, .	4.7	68
23	Systematic uncertainties in parton distribution functions from lattice QCD simulations at the physical point. Physical Review D, 2019, 99, .	4.7	67
24	Low-lying baryon spectrum with two dynamical twisted mass fermions. Physical Review D, 2009, 80, .	4.7	64
25	Disconnected quark loop contributions to nucleon observables in lattice QCD. Physical Review D, 2014, 89, .	4.7	64
26	Axial nucleon and nucleon to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi></mml:math>form factors and the Goldberger-Treiman relations from lattice QCD. Physical Review D, 2007, 76, .	4.7	63
27	Unpolarized and Helicity Generalized Parton Distributions of the Proton within Lattice QCD. Physical Review Letters, 2020, 125, 262001.	7.8	63
28	Nucleon to delta electromagnetic transition form factors in lattice QCD. Physical Review D, 2008, 77, .	4.7	62
29	Light baryon masses with dynamical twisted mass fermions. Physical Review D, 2008, 78, .	4.7	62
30	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>P</mml:mi></mml:math> -wave <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi><mml:mi>Ï€</mml:mi></mml:math> scattering and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï</mml:mi></mml:math> resonance from lattice QCD. Physical Review D, 2017, 96, .	4.7	60
31	Quark transverse charge densities in the from lattice QCD. Nuclear Physics A, 2009, 825, 115-144.	1.5	59
32	Simulating twisted mass fermions at physical light, strange, and charm quark masses. Physical Review D, 2018, 98, .	4.7	58
33	Proton and neutron electromagnetic form factors from lattice QCD. Physical Review D, 2019, 100, .	4.7	58
34	Low-lying baryon masses using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math> twisted mass clover-improved fermions directly at the physical pion mass. Physical Review D, 2017, 96, .	4.7	56
35	Deconfinement phase transition in one-flavor QCD. Physical Review D, 1999, 60, .	4.7	54
36	Stochastic solution to highly nonlocal actions: the polaron problem. Physics Reports, 1992, 215, 1-48.	25.6	50

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37	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi></mml:math>-baryon electromagnetic form factors in lattice QCD. Physical Review D, 2009, 79, .	4.7	50
38	Nucleon electromagnetic form factors in twisted mass lattice QCD. Physical Review D, 2011, 83, .	4.7	50
39	Renormalization functions for Nf=2 and Nf=4 twisted mass fermions. Physical Review D, 2017, 95, .	4.7	46
40	Moments of nucleon generalized parton distributions from lattice QCD. Physical Review D, 2011, 83, .	4.7	44
41	First physics results at the physical pion mass from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn> Wilson twisted mass fermions at maximal twist. Physical Review D, 2017, 95, .	4.7	44
42	Topological charge using cooling and the gradient flow. Physical Review D, 2015, 92, .	4.7	42
43	Nucleon electromagnetic form factors using lattice simulations at the physical point. Physical Review D, 2017, 96, .	4.7	42
44	Gluon propagator without lattice Gribov copies. Physical Review D, 2001, 63, .	4.7	41
45	N-to-Î”Axial Transition Form Factors from Lattice QCD. Physical Review Letters, 2007, 98, 052003.	7.8	41
46	NtoÎ”electromagnetic transition form factors from lattice QCD. Physical Review D, 2004, 69, .	4.7	38
47	Strange and charm baryon masses with two flavors of dynamical twisted mass fermions. Physical Review D, 2012, 86, .	4.7	38
48	Nucleon scalar and tensor charges using lattice QCD simulations at the physical value of the pion mass. Physical Review D, 2017, 95, .	4.7	37
49	Renormalization constants for 2-twist operators in twisted mass QCD. Physical Review D, 2011, 83, .	4.7	36
50	Renormalization constants of local operators for Wilson type improved fermions. Physical Review D, 2012, 86, .	4.7	36
51	Adaptive aggregation-based domain decomposition multigrid for twisted mass fermions. Physical Review D, 2016, 94, .	4.7	36
52	Nucleon axial and pseudoscalar form factors from lattice QCD at the physical point. Physical Review D, 2021, 103, .	4.7	35
53	Precision study of excited state effects in nucleon matrix elements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 89-93.	4.1	34
54	Nucleon to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi></mml:math>transition form factors with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>F</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn> wall fermions. Physical Review D, 2011, 83, .	4.7	34

#	Article	IF	Citations
55	Lattice investigation of the scalar mesons a 0(980) and Îº using four-quark operators. Journal of High Energy Physics, 2013, 2013, 1.	4.7	34
56	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">âŸ¨</mml:mo><mml:mi>x</mml:mi><mml:mo stretchy="false">âŸ©</mml:mo></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">âŸ¨</mml:mo><mml:msup><mml:mi>x</mml:mi><mml:mn>2</mml:mn></mml:msup><mml:mo stretchy="false">âŸ©</mml:mo></mml:math> of the pion PDF from lattice QCD with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> on the lattice. Physical Review D, 2020, 102, .	4.7	34
57	Parton distribution functions from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> on the lattice. Physical Review D, 2019, 99,	4.7	34
58	Gluon propagator without lattice Gribov copies on a finer lattice. Physical Review D, 2002, 65, .	4.7	33
59	Moments of nucleon generalized parton distributions from lattice QCD simulations at physical pion mass. Physical Review D, 2020, 101, .	4.7	32
60	Lattice continuum-limit study of nucleon parton quasidistribution functions. Physical Review D, 2021, 103, .	4.7	32
61	Probing hadron wave functions in lattice QCD. Physical Review D, 2002, 66, .	4.7	31
62	Static tetraquark and pentaquark potentials. Physical Review D, 2005, 71, .	4.7	31
63	Electromagnetic form factors of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Î©</mml:mi><mml:mo>â^’</mml:mo></mml:msup></mml:math>in lattice QCD. Physical Review D, 2010, 82, .	4.7	31
64	Novel analysis method for excited states in lattice QCD: The nucleon case. Physical Review D, 2015, 91, .	4.7	31
65	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï€</mml:mi><mml:mi>Î³</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>Ï€</mml:mi><mml:mi>Ï€</mml:mi></mml:mrow></mml:math> transition and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï</mml:mi></mml:math> radiative decay width from lattice QCD. Physical Review D, 2018, 98, .	4.7	31
66	Gluon momentum fraction of the nucleon from lattice QCD. Physical Review D, 2017, 96, .	4.7	30
67	Lattice QCD Study of Transverse-Momentum Dependent Soft Function. Physical Review Letters, 2022, 128, 062002.	7.8	30
68	Fourier path integrals, partial averaging, and the polaron problem. Physical Review Letters, 1990, 65, 2615-2618.	7.8	28
69	Worldline path integral for the massive Dirac propagator: A four-dimensional approach. Physical Review A, 1999, 59, 1762-1776.	2.5	28
70	Evaluation of disconnected quark loops for hadron structure using GPUs. Computer Physics Communications, 2014, 185, 1370-1382.	7.5	28
71	Neutron electric dipole moment using<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>N</mml:mi></mml:mrow><mml:mrow><mml:mi>f</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> mass fermions. Physical Review D, 2016, 93, .	4.7	26
72	Flavor Decomposition for the Proton Helicity Parton Distribution Functions. Physical Review Letters, 2021, 126, 102003.	7.8	24

#	Article	IF	Citations
73	Comparison of topological charge definitions in Lattice QCD. European Physical Journal C, 2020, 80, 1.	3.9	24
74	Evaluation of fermion loops applied to the calculation of the mass and the nucleon scalar and electromagnetic form factors. Computer Physics Communications, 2012, 183, 1215-1224.	7.5	22
75	Pion and Kaon <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">âŸ¨</mml:mo><mml:msup><mml:mi>x</mml:mi><mml:mn>3</mml:mn></mml:msup><mml:mo stretchy="false">âŸ©</mml:mo></mml:math> from lattice QCD and PDF reconstruction from Mellin moments. Physical Review D, 2021, 104, .	4.7	22
76	Nucleon excited states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>N</mml:mi></mml:mrow><mml:mrow><mml:mi>f</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> QCD. Physical Review D, 2014, 89, .	4.7	21
77	Flavor decomposition of the nucleon unpolarized, helicity, and transversity parton distribution functions from lattice QCD simulations. Physical Review D, 2021, 104, .	4.7	21
78	Full QCD with the LÃ¼scher local bosonic action. Nuclear Physics B, 1995, 456, 296-312.	2.5	20
79	Topological susceptibility from twisted mass fermions using spectral projectors and the gradient flow. Physical Review D, 2018, 97, .	4.7	20
80	Stochastic calculation of tunneling in systems with many degrees of freedom. Physical Review C, 1988, 37, 1513-1526.	2.9	19
81	Colloquium: The Shape of Hadrons. Reviews of Modern Physics, 2012, 84, 1231-1251.	45.6	19
82	Quark masses using twisted-mass fermion gauge ensembles. Physical Review D, 2021, 104, .	4.7	19
83	Determination of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi></mml:math>-resonance parameters from lattice QCD. Physical Review D, 2013, 88, .	4.7	18
84	Axial charges of hyperons and charmed baryons using<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>N</mml:mi></mml:mrow><mml:mrow><mml:mi>f</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> mass fermions. Physical Review D, 2016, 94, .	4.7	18
85	Pion vector form factor from lattice QCD at the physical point. Physical Review D, 2018, 97, .	4.7	18
86	Comparison of mean-field and exact Monte Carlo solutions of a one-dimensional nuclear model. Physical Review C, 1989, 39, 1076-1087.	2.9	17
87	Laplacian gauge gluon propagator inSU(Nc). Physical Review D, 2002, 65, .	4.7	17
88	Determination of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1232</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137 Td (stretchy="false">)</m Physical Review D, 2013, 87, .	4.7	17
89	Pseudoscalar interpolating fields in a lattice QCD investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>D</mml:mi><mml:mrow><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:mrow><mml:mrow><mm stretchy="false">(</mml:mo><mml:mn>2317</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 87 Td (stretchy="fa	4.7	17
90	Meson-meson scattering in the quark-string model. Nuclear Physics A, 1990, 518, 723-751.	1.5	16

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91	Beautiful baryons from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 340-346.	4.1	16
92	A stochastic method for computing hadronic matrix elements. European Physical Journal C, 2014, 74, 1.	3.9	16
93	Computation of parton distributions from the quasi-PDF approach at the physical point. EPJ Web of Conferences, 2018, 175, 14008.	0.3	16
94	Nucleon strange electromagnetic form factors. Physical Review D, 2020, 101, .	4.7	16
95	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>P</mml:mi></mml:math> -wave nucleon-pion scattering amplitude in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1232</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 562 Td (stretchy="fal	4.7	16
96	Effects of short range Î”Ninteraction on observables of the Ï€NNsystem. Physical Review C, 1990, 42, 517-529.	2.9	15
97	Bounds on |B from lattice QCD. Nuclear Physics B, 1992, 374, 263-276.	2.5	15
98	Parton distribution functions from lattice QCD using Bayes-Gauss-Fourier transforms. Physical Review D, 2020, 102, .	4.7	15
99	Model-independent determination of the nucleon charge radius from lattice QCD. Physical Review D, 2020, 101, .	4.7	15
100	Transversity GPDs of the proton from lattice QCD. Physical Review D, 2022, 105, .	4.7	15
101	The leptonic decay constants of $$ar Qq$$ mesons and the lattice resolution. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1994, 62, 659-668.	1.5	14
102	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î”</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1232</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (stretchy="false">)</m Review Letters, 2011, 107, 141601.	7.8	14
103	Strange nucleon electromagnetic form factors from lattice QCD. Physical Review D, 2018, 97, .	4.7	14
104	Efficiency of the UV-filtered multiboson algorithm. Physical Review D, 2000, 61, .	4.7	13
105	Study of hadron deformation in lattice QCD. Physical Review D, 2008, 78, .	4.7	13
106	Study of decuplet baryon resonances from lattice QCD. Physical Review D, 2016, 93, .	4.7	13
107	Lattice QCD investigation of the structure of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>a</mml:mi><mml:mn>0</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>980</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 87 Td (stretchy="fals	4.7	13
108	Strangeness of the nucleon from lattice QCD. Physical Review D, 2015, 91, .	4.7	12

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109	Neutron electric dipole moment using lattice QCD simulations at the physical point. Physical Review D, 2021, 103, .	4.7	12
110	Scalar Mesons and Tetraquarks from Twisted Mass Lattice QCD. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 847.	0.1	12
111	Ratio of kaon and pion leptonic decay constants with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn> Wilson-clover twisted-mass fermions. Physical Review D, 2021, 104, .	4.7	12
112	One-flavour QCD at finite temperature. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 406-408.	0.4	11
113	Lattice study of pentaquark states. Physical Review D, 2006, 73, .	4.7	11
114	Multigrid accelerated simulations for Twisted Mass fermions. EPJ Web of Conferences, 2018, 175, 02002.	0.3	11
115	Multigrid approach in shifted linear systems for the non-degenerated twisted mass operator. Computer Physics Communications, 2019, 236, 51-64.	7.5	11
116	Matter and pseudoscalar densities in lattice QCD. Physical Review D, 2003, 68, .	4.7	10
117	Nucleon structure from lattice QCD â€“ recent achievements and perspectives. EPJ Web of Conferences, 2014, 73, 01013.	0.3	10
118	Mellin moments <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">âŸ¨</mml:mo><mml:mi>x</mml:mi><mml:mo stretchy="false">âŸ©</mml:mo></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">âŸ¨</mml:mo><mml:msup><mml:mrow><mml:mi>x</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mr stretchy="false">âŸ©</mml:mo></mml:mrow></mml:math> for the pion and k. Physical Review D, 2021, 103, .	4.7	10
119	Investigation of light and heavy tetraquark candidates using lattice QCD. Journal of Physics: Conference Series, 2014, 503, 012031.	0.4	9
120	Ruling Out the Massless Up-Quark Solution to the Strong <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> Problem by Computing the Topological Mass Contribution with Lattice QCD. Physical Review Letters, 2020, 125, 232001.	7.8	9
121	NUMERICAL SOLUTION TO THE OPTICAL POLARON PROBLEM FOR A WIDE RANGE OF COUPLINGS. Modern Physics Letters B, 1991, 05, 613-620.	1.9	8
122	Nonperturbative mass renormalization in quenched QED from the worldline variational approach. Physical Review D, 2000, 62, .	4.7	8
123	The static baryon potential. Nuclear Physics, Section B, Proceedings Supplements, 2002, 109, 153-157.	0.4	8
124	Hadron deformation from lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 1-8.	0.4	8
125	Hadron structure in lattice QCD. Progress in Particle and Nuclear Physics, 2012, 67, 101-116.	14.4	8
126	Hadron structure from lattice QCD. Nuclear and Particle Physics Proceedings, 2015, 261-262, 202-217.	0.5	8

#	Article	IF	Citations
127	Novel applications of Lattice QCD: Parton Distributions, proton charge radius and neutron electric dipole moment. EPJ Web of Conferences, 2017, 137, 01004.	0.3	8
128	Quark flavor decomposition of the nucleon axial form factors. Physical Review D, 2021, 104, .	4.7	8
129	Scalar, vector, and tensor form factors for the pion and kaon from lattice QCD. Physical Review D, 2022, 105, .	4.7	8
130	Hadron wave functions and the issue of nucleon deformation. Nuclear Physics A, 2003, 721, C907-C910.	1.5	7
131	The pentaquark potential, mass and density-density correlator. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 275-277.	0.4	7
132	Position space method for the nucleon magnetic moment in lattice QCD. Physical Review D, 2016, 94, .	4.7	7
133	The excitation by light pulses of mechanical vibrations in solids. Applied Physics Letters, 1980, 36, 736-738.	3.3	6
134	VARIATIONAL CALCULATION OF RELATIVISTIC MESON-NUCLEON SCATTERING IN ZEROTH ORDER. International Journal of Modern Physics E, 1996, 05, 681-716.	1.0	5
135	Variational field theoretic approach to relativistic meson-nucleon scattering. Nuclear Physics A, 1998, 628, 427-457.	1.5	5
136	Static three- and four-quark potentials. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 403-405.	0.4	5
137	First principles calculations of nucleon and pion form factors: understanding the building blocks of nuclear matter from lattice QCD. Journal of Physics: Conference Series, 2005, 16, 174-178.	0.4	5
138	First moment of the flavour octet nucleon parton distribution function using lattice QCD. Journal of High Energy Physics, 2015, 2015, 1.	4.7	5
139	Investigating efficient methods for computing four-quark correlation functions. Computer Physics Communications, 2017, 220, 97-121.	7.5	5
140	Quark and Gluon Momentum Fractions in the Pion from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn><mml:mo> Lattice QCD. Physical Review Letters, 2021, 127, 252001.	7.8	5
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