

Anthony William Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7193792/publications.pdf>

Version: 2024-02-01

719
papers

20,836
citations

9756

73
h-index

26548

107
g-index

731
all docs

731
docs citations

731
times ranked

6133
citing authors

#	ARTICLE	IF	CITATIONS
1	Pionic corrections to the MIT bag model: The (3,3) resonance. Physical Review D, 1980, 22, 2838-2852.	1.6	357
2	Cloudy bag model of the nucleon. Physical Review D, 1981, 24, 216-229.	1.6	308
3	Pionic corrections and the EMC enhancement of the sea in iron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 128, 112-116.	1.5	294
4	The Nuclear EMC Effect. Annual Review of Nuclear and Particle Science, 1995, 45, 337-390.	3.5	294
5	A limit on the pionic component of the nucleon through SU(3) flavour breaking in the sea. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 126, 97-100.	1.5	270
6	The role of nucleon structure in finite nuclei. Nuclear Physics A, 1996, 601, 349-379.	0.6	222
7	A quark-meson coupling model for nuclear and neutron matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 9-16.	1.5	213
8	Nucleon and hadron structure changes in the nuclear medium and the impact on observables. Progress in Particle and Nuclear Physics, 2007, 58, 1-167.	5.6	192
9	Chiral Symmetry and the BAG Model: A New Starting Point for Nuclear Physics. , 1984, , 1-137.		184
10	The spin and flavor dependence of parton distribution functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 212, 227-230.	1.5	177
11	Rho-omega mixing, vector meson dominance and the pion form-factor. Progress in Particle and Nuclear Physics, 1997, 39, 201-252.	5.6	167
12	Pion-nucleon scattering in the Brown-Rho bag model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 91, 192-195.	1.5	166
13	Dark Matter, Constrained Minimal Supersymmetric Standard Model, and Lattice QCD. Physical Review Letters, 2009, 103, 201802.	2.9	165
14	Pion-deuteron and pion-nucleus scattering "a review". Physics Reports, 1980, 58, 121-212.	10.3	157
15	Physical Nucleon Properties from Lattice QCD. Physical Review Letters, 2004, 92, 242002.	2.9	155
16	Possible strength of the non-perturbative strange sea of the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 191, 205-208.	1.5	154
17	Magnetic moments of the nucleon octet calculated in the cloudy bag model. Nuclear Physics A, 1983, 393, 252-282.	0.6	147
18	Octet baryon masses and sigma terms from an SU(3) chiral extrapolation. Physical Review D, 2010, 81, .	1.6	143

#	ARTICLE	IF	CITATIONS
19	The cloudy bag model. IV. Pionic corrections to the nucleon properties. Canadian Journal of Physics, 1982, 60, 59-72.	0.4	142
20	Lattice QCD Evidence that the $\langle \bar{\psi}\psi \rangle$ is not a simple condensate. Physical Review Letters, 2015, 114, 132002.	1.1	140
21	Variation of hadron masses in finite nuclei. Physical Review C, 1997, 55, 2637-2648.	1.1	138
22	Charmed mesic nuclei: Bound D and D^* states with ^{208}Pb . Physical Review C, 1999, 59, 2824-2828.	0.6	138
23	The stability of nuclear matter in the Nambu–Jona-Lasinio model. Nuclear Physics A, 2001, 696, 138-172.	0.6	136
24	Self-consistent description of finite nuclei based on a relativistic quark model. Nuclear Physics A, 1996, 609, 339-363.	2.9	135
25	Chiral Extrapolation of Lattice Moments of Proton Quark Distributions. Physical Review Letters, 2001, 87, 172001.	1.5	134
26	structure function ratio at large x . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 11-17.	2.9	133
27	Precise Determination of the Strangeness Magnetic Moment of the Nucleon. Physical Review Letters, 2005, 94, 212001.	0.6	128
28	Cold uniform matter and neutron stars in the quark–meson-coupling model. Nuclear Physics A, 2007, 792, 341-369.	1.1	126
29	Resonance model study of kaon production in baryon-baryon reactions for heavy-ion collisions. Physical Review C, 1999, 59, 369-387.	0.6	124
30	Virtual compton scattering and generalized polarizabilities of the proton. Nuclear Physics A, 1995, 591, 606-638.	1.6	123
31	Limits on variations of the quark masses, QCD scale, and fine structure constant. Physical Review D, 2004, 69, .	5.6	122
32	Convergence of chiral effective field theory. Progress in Particle and Nuclear Physics, 2003, 50, 399-417.	0.6	121
33	A theory of low energy pion-nucleus scattering. Nuclear Physics A, 1978, 302, 461-492.	1.6	116
34	Chiral analysis of quenched baryon masses. Physical Review D, 2002, 66, .	1.1	115
35	Faddeev approach to pion production and pion-deuteron scattering. Physical Review C, 1974, 10, 109-125.	1.6	115
36	Structure functions in the bag model. Physical Review D, 1991, 44, 2653-2662.		

#	ARTICLE	IF	CITATIONS
37	The quark-meson coupling model for $\hat{\Lambda}$, $\hat{\Sigma}$ and $\hat{\Xi}$ hypernuclei. Nuclear Physics A, 1998, 630, 691-718.	0.6	115
38	Mesonic Contributions to the Spin and Flavor Structure of the Nucleon. , 2002, , 83-149.		112
39	FLAVOR SU(2) SYMMETRY BREAKING IN DEEP INELASTIC SCATTERING. Modern Physics Letters A, 1991, 06, 271-276.	0.5	108
40	Baryon masses from lattice QCD: Beyond the perturbative chiral regime. Physical Review D, 2000, 61, .	1.6	107
41	Pionic corrections and multi-quark bags. Journal of Physics G: Nuclear Physics, 1983, 9, 1159-1167.	0.8	106
42	The EMC effect-with emphasis on conventional nuclear corrections. Journal of Physics G: Nuclear and Particle Physics, 1989, 15, 1523-1569.	1.4	106
43	Bethe-Salpeter equation and a nonperturbative quark-gluon vertex. Physical Review C, 2002, 65, .	1.1	105
44	Near threshold enhancement of the $\Lambda(1520)$ -mass spectrum in $\Lambda\bar{N}$ decay. Physical Review D, 2005, 71, .	1.6	105
45	Extracting Nucleon Strange and Anapole Form Factors from World Data. Physical Review Letters, 2006, 97, 102002.	2.9	105
46	On studying charm in nuclei through antiproton annihilation. European Physical Journal A, 1999, 6, 351-359.	1.0	104
47	A three-body calculation of π -d scattering. Nuclear Physics A, 1976, 258, 417-446.	0.6	103
48	Deep-inelastic scattering from off-shell nucleons. Physical Review D, 1994, 49, 1183-1198.	1.6	103
49	Variations of hadron masses and matter properties in dense nuclear matter. Physical Review C, 1995, 51, 2757-2764.	1.1	100
50	Nucleon magnetic moments beyond the perturbative chiral regime. Physical Review D, 1999, 60, .	1.6	91
51	Strange Electric Form Factor of the Proton. Physical Review Letters, 2006, 97, 022001.	2.9	89
52	Low-energy pion scattering in the cloudy-bag model. Journal of Physics G: Nuclear Physics, 1981, 7, L283-L286.	0.8	87
53	Are $\hat{\Lambda}$ - and $\hat{\Sigma}$ -nuclear states bound ?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 26-32.	1.5	87
54	Interplay of Spin and Orbital Angular Momentum in the Proton. Physical Review Letters, 2008, 101, 102003.	2.9	86

#	ARTICLE	IF	CITATIONS
55	Determination of the pion-nucleon coupling constant and scattering lengths. Physical Review C, 2002, 66, .	1.1	85
56	CHARGE ASYMMETRY OF PARTON DISTRIBUTIONS. Modern Physics Letters A, 1994, 09, 1799-1806.	0.5	84
57	Dynamical Symmetry Breaking in the Sea of the Nucleon. Physical Review Letters, 2000, 85, 2892-2894.	2.9	84
58	Binding of hypernuclei in the latest quark-meson coupling model. Nuclear Physics A, 2008, 814, 66-73.	0.6	84
59	A relativistic description of $\bar{N}d$ scattering in the (3,3) resonance region. Nuclear Physics A, 1977, 282, 365-388.	0.6	83
60	Testing the Standard Model by Precision Measurement of the Weak Charges of Quarks. Physical Review Letters, 2007, 99, 122003.	2.9	83
61	S-wave meson-nucleon scattering in an SU(3) cloudy bag model. Physical Review D, 1985, 31, 1033-1044.	1.6	81
62	Dynamics of light antiquarks in the proton. Physical Review D, 1998, 59, .	1.6	81
63	Physical origin of density dependent forces of Skyrme type within the quark meson coupling model. Nuclear Physics A, 2006, 772, 1-19.	0.6	81
64	A new perspective on the $\pi\pi$ contribution to charge-symmetry violation in the nucleon-nucleon force. Few-Body Systems, 1992, 12, 123-132.	0.7	80
65	In-medium electron-nucleon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 417, 217-223.	1.5	80
66	Electromagnetic form factors of the nucleon in an improved quark model. Physical Review C, 1998, 57, 2628-2637.	1.1	80
67	Isovector EMC Effect and the NuTeV Anomaly. Physical Review Letters, 2009, 102, 252301.	2.9	79
68	Electromagnetic form factors of the bound nucleon. Physical Review C, 1999, 60, .	1.1	78
69	\bar{N} -bound states in nuclei: a probe of flavour-singlet dynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 368-373.	1.5	78
70	Nucleon mass and pion loops. Physical Review C, 2002, 65, .	1.1	77
71	The effect of conventional nuclear binding on nuclear structure functions. Nuclear Physics A, 1986, 455, 701-719.	0.6	76
72	Calculation of quark distribution functions using bag-model wave functions. Physical Review D, 1989, 40, 2832-2843.	1.6	76

#	ARTICLE	IF	CITATIONS
73	In-medium kaon and antikaon properties in the quark-meson coupling model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 239-246.	1.5	75
74	EMC and polarized EMC effects in nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 210-217.	1.5	75
75	Quark Structure and Nuclear Effective Forces. Physical Review Letters, 2004, 93, 132502.	2.9	74
76	Reassessment of the NuTeV determination of the weak mixing angle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 462-466.	1.5	73
77	Spin-Dependent Structure Functions in Nuclear Matter and the Polarized EMC Effect. Physical Review Letters, 2005, 95, 052302.	2.9	70
78	A relativistic description of $\bar{p}d$ scattering. Nuclear Physics A, 1979, 329, 285-307.	0.6	69
79	Chiral behavior of the rho meson in lattice QCD. Physical Review D, 2001, 64, .	1.6	69
80	Spin dependent structure functions in the cloudy bag model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 141-144.	1.5	68
81	Chiral bag model approach to $\bar{p}d$ electroproduction. Physical Review C, 1997, 55, 3108-3114.	1.1	67
82	Charge-Symmetry Breaking in Neutron-Proton Elastic Scattering. Physical Review Letters, 1986, 56, 2567-2570.	2.9	66
83	Relativistic deuteron structure function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 11-16.	1.5	66
84	Shadowing in deuterium. Physical Review D, 1993, 47, 3783-3793.	1.6	65
85	Nucleon quark distributions in a covariant quark-diquark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 246-252.	1.5	65
86	Mass of the H Dibaryon. Physical Review Letters, 2011, 107, 092004.	2.9	65
87	Constraints on the momentum dependence of rho-omega mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 1-5.	1.5	64
88	Kaon-nucleon scattering in an extended cloudy bag model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 137, 415-418.	1.5	62
89	Transversity quark distributions in a covariant quark-diquark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 214-220.	1.5	62
90	Moments of isovector quark distributions from lattice QCD. Physical Review D, 2002, 66, .	1.6	61

#	ARTICLE	IF	CITATIONS
91	Role of diquark correlations and the pion cloud in nucleon elastic form factors. Physical Review C, 2014, 90, .	1.1	61
92	Deconfinement at finite chemical potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 263-269.	1.5	59
93	Parton distribution functions in the pion from lattice QCD. Physical Review D, 2003, 68, .	1.6	59
94	A possible resolution of the proton spin problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 302-305.	1.5	59
95	The Nolen-Schiffer anomaly and isospin symmetry breaking in nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 17-23.	1.5	58
96	Charmonium absorption by nucleons. Physical Review C, 2001, 63, .	1.1	58
97	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{corrections to forward-angle parity-violating} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{scattering. Physical Review D, 2010, 82, .}$	1.6	58
98	Nuclear-bound quarkonia and heavy-flavor hadrons. Progress in Particle and Nuclear Physics, 2018, 100, 161-210.	5.6	58
99	Nucleon-nucleon scattering above the pion production threshold. Physical Review C, 1979, 20, 216-224.	1.1	57
100	Composite nucleons in scalar and vector mean fields. Physical Review C, 1995, 52, 2789-2791.	1.1	57
101	Quark distributions in nuclear matter and the EMC effect. Nuclear Physics A, 2004, 735, 482-514.	0.6	57
102	Implications of neutron star properties for the existence of light dark matter. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 05LT01.	1.4	56
103	The necessity for an improved optical potential in low energy pion-nucleus scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1976, 61, 361-364.	1.5	55
104	The axial form factor of the nucleon and the pion-nucleon vertex function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 124, 109-112.	1.5	55
105	Explanation of the apparent charge dependence of the pion-nucleon coupling. Physical Review Letters, 1989, 63, 2025-2027.	2.9	55
106	Lattice QCD analysis of the strangeness magnetic moment of the nucleon. Physical Review D, 2000, 62, .	1.6	55
107	Transverse-momentum-dependent fragmentation and quark distribution functions from the Nambuâ€œJona-Lasinioâ€œjet model. Physical Review D, 2012, 85, .	1.6	55
108	Magnetic moments of the nucleon octet calculated in the cloudy bag model. Physical Review D, 1982, 25, 284-286.	1.6	54

#	ARTICLE	IF	CITATIONS
109	Charge-symmetry breaking, rho-omega mixing, and the quark propagator. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 293-299.	1.5	54
110	The validity of charge symmetry for parton distributions. Progress in Particle and Nuclear Physics, 1998, 41, 49-124.	5.6	54
111	Incorporating chiral symmetry in extrapolations of octet baryon magnetic moments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 143-147.	1.5	54
112	Leading quenching effects in the proton magnetic moment. Physical Review D, 2005, 71, .	1.6	54
113	Evidence for an enhanced nuclear sea from the proton-nucleus Drell-Yan process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 148, 191-193.	1.5	53
114	\bar{f} and \bar{f}' meson propagation in a dense nuclear medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 243-249.	1.5	53
115	Deep inelastic scattering from $A=3$ nuclei and the neutron structure function. Physical Review C, 2003, 68, .	1.1	53
116	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ mass shift in nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 136-141.	1.5	53
117	A microscopic understanding of the structure functions of finite nuclei. Nuclear Physics A, 1994, 574, 659-684.	0.6	52
118	Self-consistent description of \hat{b} hypernuclei in the quark-meson coupling model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 9-18.	1.5	52
119	Chiral Symmetry and the Intrinsic Structure of the Nucleon. Physical Review Letters, 2001, 86, 5011-5014.	2.9	52
120	\bar{f} -meson photoproduction from nuclei. European Physical Journal A, 2006, 29, 209-220.	1.0	52
121	The nucleon's octet axial-charge $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 252 Td (stretchy="false")	1.5	52
122	Neutron Radii Determinations from the Ratio of $\epsilon^{\text{Elastic}}$ Scattering from $C_{12,13}$ and $O_{16,18}$. Physical Review Letters, 1979, 43, 844-847.	2.9	51
123	Neutron structure function and $A=3$ mirror nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 36-42.	1.5	51
124	Delta baryon magnetic moments from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 157-164.	1.5	51
125	Charge symmetry at the partonic level. Reviews of Modern Physics, 2010, 82, 2009-2052.	16.4	51
126	Sigma terms from an $SU(3)$ chiral extrapolation. Physical Review D, 2013, 87, .	1.6	51

#	ARTICLE	IF	CITATIONS
127	Elastic scattering of positive pions from ^{12}C at 30, 40 and 50 MeV. Nuclear Physics A, 1978, 296, 444-460.	0.6	50
128	Interference of dibaryon resonances with Faddeev amplitudes for elastic $\bar{p}d$ scattering. Journal of Physics G: Nuclear Physics, 1980, 6, 171-178.	0.8	50
129	The structure function of the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 211, 481-484.	1.5	50
130	Chiral extrapolation of nucleon magnetic form factors. Physical Review D, 2007, 75, .	1.6	50
131	A proton exchange membrane fuel cell impedance model taking into account convection along the air channel: On the bias between the low frequency limit of the impedance and the slope of the polarization curve. Electrochimica Acta, 2012, 83, 13-27.	2.6	50
132	Hamiltonian Effective Field Theory Study of the $N \rightarrow N + \pi$ <p>Letters, 2016, 116, 082004.</p>	2.9	50
133	Finite Nuclei in the Quark-Meson Coupling Model. Physical Review Letters, 2016, 116, 092501.	2.9	50
134	Quark-Meson-Coupling (QMC) model for finite nuclei, nuclear matter and beyond. Progress in Particle and Nuclear Physics, 2018, 100, 262-297.	5.6	50
135	Rho-omega mixing and the pion electromagnetic form-factor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 14-19.	1.5	49
136	Nucleons, nuclear matter and quark matter: a unified NJL approach. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 667-679.	1.4	49
137	Quark-gluon vertex dressing and meson masses beyond ladder-rainbow truncation. Physical Review C, 2007, 75, .	1.1	49
138	Novel features of J/ψ dissociation in matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 484, 23-29.	1.5	48
139	Incorporating chiral symmetry and heavy quark theory in extrapolations of octet baryon charge radii. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 89-99.	1.5	48
140	Chiral and continuum extrapolation of partially-quenched lattice results. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 628, 125-130.	1.5	48
141	Octet baryon electromagnetic form factors in nuclear medium. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 015102.	1.4	48
142	Quark-meson coupling model, nuclear matter constraints, and neutron star properties. Physical Review C, 2014, 89, .	1.1	48
143	Role of vector mesons in high- Q^2 lepton-nucleon scattering. Physical Review D, 1993, 47, 3794-3803.	1.6	47
144	ρ -meson mass in light nuclei. Physical Review C, 1997, 56, 566-569.	1.1	47

#	ARTICLE	IF	CITATIONS
145	A Method to Unambiguously Determine the Parity of the Λ^+ Pentaquark. Progress of Theoretical Physics, 2004, 111, 291-293.	2.0	47
146	Strange magnetic form factor of the proton at $Q^2=0.23\text{ GeV}^2$. Physical Review C, 2009, 79, .	1.1	47
147	Chiral extrapolation of octet-baryon charge radii. Physical Review D, 2009, 79, .	1.6	47
148	HERA anomaly and hard charm in the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 134-139.	1.5	46
149	Finite-volume matrix Hamiltonian model for a $\langle \hat{\Gamma} \rangle$ system. Physical Review D, 2013, 87, .	1.6	46
150	Revealing Dressed Quarks via the Proton's Charge Distribution. Physical Review Letters, 2013, 111, 101803.	2.9	46
151	Magnetic form factors of the octet baryons from lattice QCD and chiral extrapolation. Physical Review D, 2014, 89, .	1.6	46
152	Charge-symmetry breaking in neutron-proton elastic scattering. Physical Review C, 1987, 36, 1956-1967.	1.1	45
153	One-boson-exchange potential based on a soft pion form factor. Physical Review C, 1990, 42, R1195-R1199.	1.1	45
154	Gottfried sum rule and the shape of $F_2^p - F_2^n$. Zeitschrift für Physik A, 1991, 340, 85-92.	0.9	45
155	Resonance model study of strangeness production in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 29-35.	1.5	43
156	Parton distributions for the octet and decuplet baryons. Physical Review D, 1999, 60, .	1.6	43
157	Deep inelastic scattering from polarized deuterons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 165-171.	1.5	42
158	Chiral extrapolation of hadronic observables. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 50-58.	0.5	42
159	Bethe-Salpeter equation for doubly heavy baryons in the covariant instantaneous approximation. Physical Review D, 2011, 83, .	1.6	42
160	Parity-Violating Deep Inelastic Scattering and the Flavor Dependence of the EMC Effect. Physical Review Letters, 2012, 109, 182301.	2.9	42
161	Flavor dependence of the pion and kaon form factors and parton distribution functions. Physical Review C, 2016, 94, .	1.1	42
162	The influence of absorption on possible nucleon-antinucleon resonances and bound states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1976, 64, 59-61.	1.5	41

#	ARTICLE	IF	CITATIONS
163	Pion cloud of the nucleon and its effect on deep-inelastic structure. <i>Physical Review D</i> , 1992, 45, 3069-3078.	1.6	41
164	Medium dependence of the bag constant in the quark-meson coupling model. <i>Nuclear Physics A</i> , 1998, 634, 443-462.	0.6	41
165	Stochastic opinion formation in scale-free networks. <i>Physical Review E</i> , 2005, 72, 046113.	0.8	41
166	J/ψ -nuclear bound states. <i>Physical Review C</i> , 2011, 83, .	1.1	41
167	A microscopic approach to sigma-hypernuclei. <i>Nuclear Physics A</i> , 1983, 392, 409-437.	0.6	40
168	On the interpretation of the European Muon Collaboration effect. <i>Physical Review D</i> , 1986, 33, 2061-2064.	1.6	40
169	Mesonic corrections to the shape of quark distributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 358, 139-145.	1.5	40
170	Charm in the nucleon. <i>European Physical Journal C</i> , 1999, 11, 673-683.	1.4	40
171	Finite-volume Hamiltonian method for coupled-channels interactions in lattice QCD. <i>Physical Review C</i> , 2014, 90, .	1.1	40
172	Nucleon Structure and Strong Interactions in Dark Matter Capture in Neutron Stars. <i>Physical Review Letters</i> , 2021, 127, 111803.	2.9	40
173	Towards a microscopic understanding of nuclear structure functions. <i>Physical Review C</i> , 1992, 46, R2149-R2152.	1.1	39
174	Fock terms in the quark-meson coupling model. <i>Nuclear Physics A</i> , 1999, 650, 313-325.	0.6	39
175	NJL-jet model for quark fragmentation functions. <i>Physical Review D</i> , 2009, 80, .	1.6	39
176	Toward a resolution of the proton size puzzle. <i>Physical Review A</i> , 2011, 84, .	1.0	39
177	New Formulation of $\langle \mathbb{E}^3 \rangle_Z$ Box Corrections to the Weak Charge of the Proton. <i>Physical Review Letters</i> , 2011, 107, 081801.	2.9	39
178	Evidence for Substantial Charge Symmetry Violation in Parton Distributions. <i>Physical Review Letters</i> , 1998, 81, 4075-4078.	2.9	38
179	Structure functions for the three-nucleon system. <i>Physical Review C</i> , 2001, 64, .	1.1	38
180	Stochastic cellular automata model for stock market dynamics. <i>Physical Review E</i> , 2004, 69, 046112.	0.8	38

#	ARTICLE	IF	CITATIONS
199	Hybrid stars using the quark-meson coupling and proper-time Nambu–Jona-Lasinio models. Physical Review C, 2016, 93, . Hamiltonian effective field theory study of the $\langle \langle N \rangle \rangle^*$	1.1	35
200	stretchy="false">(</mml:mo><mml:mn>1440</mml:mn><mml:mo>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (stretchy="false">/m		
201	2017, 95, . Nuclear shadowing at small x and Q ² . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 437-442.	1.5	34
202	Effect of nucleon structure variation in super-allowed Fermi beta-decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 157-161.	1.5	33
203	Phase transition from nuclear matter to color superconducting quark matter. Nuclear Physics A, 2003, 720, 95-130.	0.6	32
204	Moments of nucleon's parton distribution for the sea and valence quarks from lattice QCD. Physical Review D, 2009, 79, .	1.6	32
205	Calculating kaon fragmentation functions from the Nambu–Jona-Lasinio jet model. Physical Review D, 2011, 83, .	1.6	32
206	Equation of state of hot dense hyperonic matter in the Quark–Meson-Coupling (QMC-A) model. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3476-3490.	1.6	32
207	Cloudy bag model: Convergent perturbation expansion for the nucleon. Physical Review D, 1981, 24, 1961-1968.	1.6	31
208	The pion-nucleon sigma term. Journal of Physics G: Nuclear and Particle Physics, 1992, 18, L159-L165.	1.4	30
209	Naturalness in the quark-meson coupling model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 287-291.	1.5	30
210	Enhanced direct CP violation in $B_{\pm} \rightarrow \pi^0 K_{\pm}$. Physical Review D, 2001, 63, .	1.6	30
211	The phases of isospin-asymmetric matter in the two-flavor NJL model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 495-500.	1.5	30
212	Virtual Compton Scattering from the Proton and the Properties of Nucleon Excited States. Australian Journal of Physics, 1996, 49, 905.	0.6	30
213	KN scattering in the cloudy bag model: s, p, and d waves. Physical Review D, 1985, 31, 2242-2247.	1.6	29
214	QCD evolution of the spin structure functions of the neutron and proton. Physical Review D, 1990, 42, 2226-2236.	1.6	29
215	Towards a Connection between Nuclear Structure and QCD. Progress of Theoretical Physics Supplement, 2004, 156, 124-136.	0.2	29
216	$\hat{I}^3 Z$ Box Corrections to Weak Charges of Heavy Nuclei in Atomic Parity Violation. Physical Review Letters, 2012, 109, 262301.	2.9	29

#	ARTICLE	IF	CITATIONS
217	Relativistic and Nuclear Medium Effects on the Coulomb Sum Rule. <i>Physical Review Letters</i> , 2016, 116, 032701.	2.9	29
218	Up-down quark mass differences in the MIT bag model. <i>Physical Review D</i> , 1982, 25, 1869-1874.	1.6	28
219	Monte Carlo simulations of hadronic fragmentation functions using the Nambu–Jona-Lasinio jet model. <i>Physical Review D</i> , 2011, 83, .	1.6	28
220	Exposing novel quark and gluon effects in nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 093001.	1.4	28
221	Pion absorption and the pion-deuteron scattering length. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1973, 45, 437-440.	1.5	27
222	Quantum theory of hydrogen recombination. <i>Canadian Journal of Physics</i> , 1981, 59, 945-954.	0.4	27
223	$\bar{\nu}_e$ -nucleus bound states in the Walecka model. <i>Physical Review C</i> , 1999, 59, 1203-1206.	1.1	27
224	The role of the P11(1710) in the NN $\hat{\pi}^+$ N $\hat{\pi}^+$ K reaction. <i>Nuclear Physics A</i> , 1999, 646, 427-443.	0.6	27
225	Strangeness production from $\bar{\nu}_e$ N collisions in nuclear matter. <i>Physical Review C</i> , 2000, 62, .	1.1	27
226	Extrapolation of lattice QCD results beyond the power-counting regime. <i>Nuclear Physics A</i> , 2005, 755, 59-70.	0.6	27
227	QCD Symmetries in β - and β^+ -Mesic Nuclei. <i>Acta Physica Polonica B</i> , 2014, 45, 627.	0.3	27
228	Search for low-lying lattice QCD eigenstates in the Roper regime. <i>Physical Review D</i> , 2017, 95, .	1.6	27
229	The effect of genuine pion absorption and emission on $\bar{\nu}_e$ d scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1979, 80, 166-169.	1.5	26
230	New source of charge-symmetry violation in the nucleon-nucleon system. <i>Physical Review D</i> , 1981, 24, 2539-2541.	1.6	26
231	Current algebra and the cloudy-bag model. <i>Physical Review D</i> , 1986, 33, 817-829.	1.6	26
232	Dependence of the chiral symmetry restoration transition on the quark self-energy kernel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 516, 54-60.	1.5	26
233	Simple quark model with chiral phenomenology. <i>Physical Review C</i> , 2002, 65, .	1.1	26
234	Self-organized criticality and stock market dynamics: an empirical study. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 350, 451-465.	1.2	26

#	ARTICLE	IF	CITATIONS
235	Direct CP violation in $\bar{b} \rightarrow \bar{s} n(\bar{b}) \bar{c} \rightarrow \bar{s} n(\bar{b}) \bar{c}$ decays via $\bar{c} \rightarrow \bar{s} \gamma$ mixing. Physical Review D, 1998, 58, .	1.6	25
236	Effect of nucleon structure variation on the longitudinal response function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 27-35.	1.5	25
237	Parton distributions from lattice QCD. EPJ Direct, 2001, 3, 1-15.	0.1	25
238	Nonperturbative relativistic calculation of the muonic hydrogen spectrum. Physical Review A, 2011, 84, .	1.0	25
239	Isovector EMC Effect from Global QCD Analysis with MARATHON Data. Physical Review Letters, 2021, 127, 242001.	2.9	25
240	Drell-Yan processes as a probe of charge symmetry violation in the pion and the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 340, 115-121.	1.5	24
241	Chiral corrections in hadron spectroscopy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 5-8.	1.5	24
242	Lambda polarization in polarized proton-proton collisions at BNL RHIC. Physical Review D, 2000, 62, .	1.6	24
243	SHADOWING CORRECTIONS AND THE PRECISE DETERMINATION OF ELECTROWEAK PARAMETERS IN NEUTRINO-NUCLEON SCATTERING. International Journal of Modern Physics A, 2005, 20, 95-98.	0.5	24
244	Understanding the proton's spin structure. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 023101.	1.4	24
245	Production of a cascade hyperon in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:math} \rangle \text{-proton} \rangle$ interaction. Physical Review C, 2011, 84, .	1.1	24
246	Strange-quark asymmetry in the proton in chiral effective theory. Physical Review D, 2016, 94, .	1.6	24
247	Isovector Effects in Neutron Stars, Radii, and the GW170817 Constraint. Astrophysical Journal, 2019, 878, 159.	1.6	24
248	The EMC spin effect. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, 925-955.	1.4	23
249	Search for the pentaquark resonance signature in lattice QCD. Physical Review D, 2005, 72, .	1.6	23
250	Improved treatment of dark matter capture in neutron stars III: nucleon and exotic targets. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 056.	1.9	23
251	The colour-dielectric model: Numerical solutions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 176, 158-162.	1.5	22
252	Determination of flavor asymmetry for $\hat{1} \hat{2} \hat{3}$ by the Drell-Yan process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 367-373.	1.5	22

#	ARTICLE	IF	CITATIONS
253	The neutron charge form factor in helium-3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 27-33.	1.5	22
254	Heavy-quark axial charges to nonleading order. Physical Review D, 2002, 66, .	1.6	22
255	Direct CP violation in $B \rightarrow \pi^+ \pi^-$: determination of α without discrete ambiguity. European Physical Journal C, 2003, 31, 215-226.	1.4	22
256	EXTRACTION OF PARTON DISTRIBUTIONS FROM LATTICE QCD. Modern Physics Letters A, 2003, 18, 2681-2697.	0.5	22
257	Systematic uncertainties in the precise determination of the strangeness magnetic moment of the nucleon. European Physical Journal A, 2005, 24, 79-84.	1.0	22
258	Unified chiral analysis of the vector meson spectrum from lattice QCD. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 971-991.	1.4	22
259	Anatomy of relativistic pion loop corrections to the electromagnetic nucleon coupling. Physical Review D, 2013, 88, .	1.6	22
260	Strange magnetic form factor of the nucleon in a chiral effective model at next to leading order. Physical Review D, 2014, 89, .	1.6	22
261	ρ meson mass and decay width in nuclear matter and nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 113-118.	1.5	22
262	Structure of the Roper resonance from lattice QCD constraints. Physical Review D, 2018, 97, .	1.6	22
263	Quasi-two-body pion absorption on helium-3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 196, 299-302.	1.5	21
264	Investigation of pion exchange in the NN and NN π systems. Physical Review C, 1992, 45, 952-958.	1.1	21
265	Probing the pion sea with $\bar{p}d$ Drell-Yan processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 110-114.	1.5	21
266	A clue to the mechanism of $\bar{p}K^+$ production in pp-reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 59-63.	1.5	21
267	A new analysis of charge symmetry violation in parton distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 468, 161-167.	1.5	21
268	The Weibull Distribution. Significance, 2018, 15, 10-11.	0.3	21
269	Charge symmetry tested by comparison of $\bar{p}n$ and $\bar{p}p$ elastic scattering from deuterium at 143 MeV. Physical Review C, 1982, 26, 2091-2110.	1.1	20
270	Color-dielectric model as an explanation of the Nolen-Schiffer anomaly. Physical Review C, 1986, 33, 1070-1078.	1.1	20

#	ARTICLE	IF	CITATIONS
271	Pion-nucleon scattering in the cloudy bag model. <i>Physical Review D</i> , 1986, 33, 1859-1866.	1.6	20
272	Q ² dependence of nuclear shadowing. <i>Physical Review C</i> , 1995, 52, 3373-3377.	1.1	20
273	Self-consistent description of Λ hypernuclei in the quark-meson coupling model [Phys. Lett. B 411 (1997) 9]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 421, 413.	1.5	20
274	Comment on "Parton Distributions, d/u , and Higher Twist Effects at High Q^2 ". <i>Physical Review Letters</i> , 2000, 84, 5455-5455.	2.9	20
275	Direct CP violation in charmed hadron decays via $\bar{c} \rightarrow s$ mixing. <i>Physical Review D</i> , 2000, 61, .	1.6	20
276	Regge approach to charged pion photoproduction at invariant energies above 2 GeV. <i>European Physical Journal A</i> , 2007, 34, 49.	1.0	20
277	Dihadron fragmentation functions within the Nambu-Ginsparg-Jona-Lasinio jet model. <i>Physical Review D</i> , 2013, 88, .	1.6	20
278	SU(3)-flavor breaking in octet baryon masses and axial couplings. <i>Physical Review C</i> , 2014, 90, .	1.1	20
279	Studies of azimuthal modulations in two hadron fragmentation of a transversely polarised quark. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 731, 208-216.	1.5	20
280	Structure and production of lambda baryons. <i>Physical Review D</i> , 1999, 61, .	1.6	19
281	Systematic analysis of charmonium photoproduction. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, 1427-1444.	1.4	19
282	Liquid-gas phase transition and Coulomb instability of asymmetric nuclear systems. <i>Nuclear Physics A</i> , 2005, 748, 226-240.	0.6	19
283	The spin of the proton. <i>Progress in Particle and Nuclear Physics</i> , 2008, 61, 219-228.	5.6	19
284	Constraints on the asymmetry of the proton in chiral effective theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 52-56.	1.5	19
285	The contribution of quasi elastic scattering to pion-nucleus total cross sections. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1978, 77, 155-158.	1.5	18
286	Elements of the theory of the reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1979, 88, 226-230.	1.5	18
287	The determination of nuclear matter densities using strongly interacting probes. <i>Nuclear Physics A</i> , 1981, 354, 51-74.	0.6	18
288	The Quark Structure of Matter. <i>Progress of Theoretical Physics Supplement</i> , 1987, 91, 204-234.	0.2	18

#	ARTICLE	IF	CITATIONS
289	Neutron stars and strange stars in the chiral SU(3) quark mean field model. Physical Review C, 2005, 72, .	1.1	18
290	Spin-3/2 pentaquark resonance signature in lattice QCD. Physical Review D, 2005, 72, .	1.6	18
291	Phase transition from quark-meson coupling hyperonic matter to deconfined quark matter. Physical Review C, 2009, 79, .	1.1	18
292	SPIN AND ORBITAL ANGULAR MOMENTUM IN THE PROTON. International Journal of Modern Physics E, 2009, 18, 1116-1134.	0.4	18
293	Neutral pion photoproduction at high energies. European Physical Journal A, 2009, 41, 71-84.	1.0	18
294	First moments of nucleon generalized parton distributions. Physical Review D, 2010, 81, .	1.6	18
295	Dispersive estimate of the electromagnetic charge symmetry violation in the octet baryon masses. Physical Review C, 2014, 90, .	1.1	18
296	Parton distributions from nonlocal chiral SU(3) effective theory: Splitting functions. Physical Review D, 2019, 99, .	1.6	18
297	Towards a description of nuclear physics at the quark level. Progress in Particle and Nuclear Physics, 1984, 11, 325-377.	5.6	17
298	Numerical study of a confining color-dielectric soliton model. Physical Review D, 1987, 35, 1040-1049.	1.6	17
299	Probing charge-symmetry-violating quark distributions in semi-inclusive lepton production of hadrons. Physical Review D, 1996, 54, 3154-3161.	1.6	17
300	Polarized deep-inelastic scattering from nuclei: A relativistic approach. Physical Review C, 1996, 54, 894-903.	1.1	17
301	Deep-inelastic structure functions in a covariant spectator model. Physical Review D, 1997, 55, 5299-5308.	1.6	17
302	Spin dependent parton distributions in a bound nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 233-239.	1.5	17
303	Can the π - π scattering phase shifts be large?. Physical Review D, 2001, 64, .	1.6	17
304	Study of lattice QCD form factors using the extended Gari-Kr�mpelmann model. Physical Review C, 2005, 72, .	1.1	17
305	Comparison of nucleon form factors from lattice QCD against the light front cloudy bag model and extrapolation to the physical mass regime. Physical Review C, 2005, 71, .	1.1	17
306	Equivalence of pion loops in equal-time and light-front dynamics. Physical Review D, 2009, 80, .	1.6	17

#	ARTICLE	IF	CITATIONS
307	Polarization of top quark as a probe of its chromomagnetic and chromoelectric couplings in $t\bar{t}$ production at the Large Hadron Collider. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	17
308	Determination of the Strange Nucleon Form Factors. <i>Physical Review Letters</i> , 2015, 114, 091802.	2.9	17
309	Quark-hadron duality constraints on $\hat{\Gamma}^3 Z$ box corrections to parity-violating elastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 221-226.	1.5	17
310	Baryon octet electromagnetic form factors in a confining NJL model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 178-183.	1.5	17
311	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \langle \text{/mml:mi} \rangle \langle \text{/mml:math} \rangle$ -meson nucleus bound states. <i>Physical Review C</i> , 2017, 96, .	1.1	17
312	Physics of even-even superheavy nuclei with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 96 \langle \text{/mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle Z \langle \text{/mml:mi} \rangle \langle \text{/mml:mrow} \rangle$ in the quark-meson-coupling model. <i>Physical Review C</i> , 2019, 100, .		
313	On the sound speed in hyperonic stars. <i>Nuclear Physics A</i> , 2021, 1009, 122157.	0.6	17
314	An experimental program with high duty-cycle polarized and unpolarized positron beams at Jefferson Lab. <i>European Physical Journal A</i> , 2021, 57, 1.	1.0	17
315	"Six-Quark" Component in the Deuteron from a Comparison of Electron and Neutrino/Antineutrino Structure Functions. <i>Physical Review Letters</i> , 1984, 52, 1199-1202.	2.9	16
316	Constraints on the colour dielectric model of the nucleus. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 154, 320-323.	1.5	16
317	Some observations concerning the quark structure of matter. <i>Progress in Particle and Nuclear Physics</i> , 1988, 20, 21-45.	5.6	16
318	Radiative decays of the $\text{K}^{\pi^+} \text{p}$ atom. <i>Physical Review D</i> , 1988, 38, 837-844.	1.6	16
319	New treatment of the chiral quark mean field model. <i>Nuclear Physics A</i> , 2004, 744, 273-292.	0.6	16
320	Scale-free avalanche dynamics in the stock market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 370, 132-139.	1.2	16
321	Polarized structure functions of nucleons and nuclei. <i>Progress in Particle and Nuclear Physics</i> , 2008, 61, 238-244.	5.6	16
322	Charge symmetry breaking in parton distribution functions from lattice QCD. <i>Physical Review D</i> , 2011, 83, .	1.6	16
323	Chiral extrapolation of nucleon magnetic moments at next-to-leading-order. <i>Physical Review D</i> , 2012, 86, .	1.6	16
324	Strong contribution to octet baryon mass splittings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1148-1153.	1.5	16

#	ARTICLE	IF	CITATIONS
325	Equation of State of Dense Matter and Consequences for Neutron Stars. EPJ Web of Conferences, 2013, 63, 03004.	0.1	16
326	$\langle \text{meson form factors in a confining Nambu-Jona-Lasinio model. Physical Review C, 2015, 92, .} \rangle$	1.1	16
327	Pion valence-quark parton distribution function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 547-550.	1.5	16
328	Electromagnetic contribution to the proton-neutron mass splitting. Physical Review C, 2015, 91, .	1.1	16
329	Parameter optimization for the latest quark-meson coupling energy-density functional. Physical Review C, 2019, 100, .	1.1	16
330	Do Delta baryons play a role in neutron stars?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135266.	1.5	16
331	Study of new flow field geometries to enhance water redistribution and pressure head losses reduction within PEM fuel cell. International Journal of Hydrogen Energy, 2021, 46, 7489-7501.	3.8	16
332	Quarks in Finite Nuclei. Australian Journal of Physics, 1997, 50, 115.	0.6	16
333	Proton radii determinations from the ratio of π^+ elastic scattering from ^{11}B and ^{12}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 97, 45-49.	1.5	15
334	A study of quark-parton distributions in a simple quark model. Nuclear Physics A, 1994, 568, 798-808.	0.6	15
335	Meson cloud of the nucleon in polarized semi-inclusive deep-inelastic scattering. Zeitschrift für Physik A, 1995, 353, 311-319.	0.9	15
336	$1/m_Q$ corrections to the Bethe-Salpeter equation for $\bar{b}Q$ in the diquark picture. Physical Review D, 2000, 61, .	1.6	15
337	Chiral extrapolations and exotic meson spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 72-78.	1.5	15
338	Liquid-gas phase transition in nuclear matter including strangeness. Physical Review C, 2004, 70, .	1.1	15
339	Kaon condensation and lambda nucleon loop in the relativistic mean-field approach. Nuclear Physics A, 2005, 760, 319-345.	0.6	15
340	Photoproduction of hypernuclei within the quark-meson coupling model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 676, 51-56.	1.5	15
341	Calculating dihadron fragmentation functions in the Nambu-Jona-Lasinio jet model. Physical Review D, 2012, 85, .	1.6	15
342	Charge symmetry breaking effects in pion and kaon structure. Physical Review C, 2018, 97, .	1.1	15

#	ARTICLE	IF	CITATIONS
343	Semi-inclusive production of two back-to-back hadron pairs in $e^+e^- \rightarrow e^+e^- + \text{hadron pairs}$ annihilation revisited. <i>Physical Review D</i> , 2018, 97, .	1.6	15
344	Charge symmetry as a constraint on off-shell effects in the three-nucleon system. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1975, 55, 425-429.	1.5	14
345	An important correction to π^0 scattering in the resonance region. <i>Nuclear Physics A</i> , 1979, 326, 497-507.	0.6	14
346	Nucleon-nucleon interaction with consistently soft form factors for one and two pion exchange. <i>Physical Review C</i> , 1994, 49, 2331-2336.	1.1	14
347	QUARK AND GLUON CONDENSATES IN THE QUARK-MESON COUPLING MODEL. <i>Modern Physics Letters A</i> , 1998, 13, 769-777.	0.5	14
348	Evidence for charge symmetry violation in parton distributions. <i>Physical Review D</i> , 1999, 59, .	1.6	14
349	Chiral aspects of hadron structure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 481, 21-25.	1.5	14
350	Chiral extrapolation: an analogy with effective field theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 531, 77-82.	1.5	14
351	An analysis of the nucleon spectrum from lattice partially-quenched QCD. <i>Nuclear Physics A</i> , 2010, 840, 97-119.	0.6	14
352	Production of cascade hypernuclei via the (π^+n) reaction within a quark-meson coupling model. <i>Nuclear Physics A</i> , 2012, 881, 255-268.	0.6	14
353	Octet Spin Fractions and the Proton Spin Problem. <i>Physical Review Letters</i> , 2013, 110, 202001.	2.9	14
354	E_6 inspired composite Higgs model. <i>Physical Review D</i> , 2015, 92, .	1.6	14
355	Dark matter candidates in the constrained exceptional supersymmetric standard model. <i>Physical Review D</i> , 2017, 95, .	1.6	14
356	Light-quark contributions to the magnetic form factor of the Λ . <i>Physical Review D</i> , 2019, 100, .	1.6	14
357	Parton distributions from nonlocal chiral SU(3) effective theory: Flavor asymmetries. <i>Physical Review D</i> , 2019, 100, .	1.6	14
358	Partial-wave mixing in Hamiltonian effective field theory. <i>Physical Review D</i> , 2020, 101, .	1.6	14
359	Fundamentals of Three-Body Scattering Theory. <i>Topics in Current Physics</i> , 1977, , 1-47.	0.5	14
360	Distorted wave theory of the 50 MeV $(p, 2p)$ reaction. <i>Nuclear Physics A</i> , 1969, 135, 463-471.	0.6	13

#	ARTICLE	IF	CITATIONS
361	Proton pole contribution in proton decay. Nuclear Physics B, 1983, 227, 206-220.	0.9	13
362	On the change of scale observed in nuclear deep-inelastic scattering. Physical Review D, 1987, 35, 108-112.	1.6	13
363	Pion-nucleon scattering: Chiral symmetry and unitarity. Nuclear Physics A, 1987, 469, 717-725.	0.6	13
364	On the QCD evolution of the spin structure function of the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 120-126.	1.5	13
365	SUBSTRUCTURE EFFECT ON η - η' MIXING IN CHARGE-SYMMETRY VIOLATION. Modern Physics Letters A, 1992, 07, 3037-3043.	0.5	13
366	Weak strangeness production in nucleon-nucleon scattering. Physical Review C, 1995, 52, 3496-3498.	1.1	13
367	Shadowing in neutrino deep inelastic scattering and the determination of the strange quark distribution. Physical Review D, 1998, 58, .	1.6	13
368	Charge symmetry breaking in mirror nuclei from quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 36-42.	1.5	13
369	Phase transition from hadronic matter to quark matter. Physical Review C, 2007, 75, .	1.1	13
370	$K\bar{A}^-$ photoproduction from protons. European Physical Journal A, 2007, 31, 221-232.	1.0	13
371	Medium modifications of the bound nucleon GPDs and incoherent DVCS on nuclear targets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 9-14.	1.5	13
372	Collins fragmentation function within the NJL-jet model. Physical Review D, 2012, 86, .	1.6	13
373	Comment on "Taming the Pion Cloud of the Nucleon". Physical Review Letters, 2013, 110, 179101.	2.9	13
374	Spin of the proton in chiral effective field theory. Physical Review C, 2016, 93, .	1.1	13
375	Mass differences between mirror nuclei in a hybrid quark-nucleon model. Physical Review C, 1984, 30, 1021-1031.	1.1	12
376	Deep inelastic scattering as a probe of nucleon and nuclear structure. Nuclear Physics A, 1985, 446, 437-443.	0.6	12
377	Tests of charge symmetry in few-body systems. Few-Body Systems, 1988, 3, 171-194.	0.7	12
378	The Challenge of the EMC Effect. Australian Journal of Physics, 1993, 46, 3.	0.6	12

#	ARTICLE	IF	CITATIONS
379	The spin structure of the nucleon. Progress in Particle and Nuclear Physics, 1994, 33, 449-475.	5.6	12
380	Electromagnetic gauge invariance of the cloudy bag model. Physical Review C, 1997, 56, 2329-2331.	1.1	12
381	Neutron star properties from an NJL model modified to simulate confinement. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 29-33.	0.5	12
382	Direct CP violation, branching ratios and form factors $B \rightarrow \pi^0 \ell^+ \ell^-$ decays. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 199-253.	1.4	12
383	The Pion Cloud: Insights into Hadron Structure. Progress of Theoretical Physics Supplement, 2007, 168, 614-622.	0.2	12
384	Strange Vector Form Factors from Parity-Violating Electron Scattering. Journal of Physics: Conference Series, 2011, 299, 012003.	0.3	12
385	Predictions for Sivers single spin asymmetries in one- and two-hadron electroproduction at CLAS12 and EIC. Physical Review D, 2015, 92, .	1.6	12
386	A Study of Structure Functions for the Bag Beyond Leading Order. Progress of Theoretical Physics Supplement, 1995, 120, 145-156.	0.2	12
387	The role of baryon structure in neutron stars. Modern Physics Letters A, 2022, 37, .	0.5	12
388	Further studies of convergence in the cloudy-bag model. Journal of Physics G: Nuclear Physics, 1983, 9, 161-168.	0.8	11
389	Charge symmetry in pion-deuteron elastic scattering. Physical Review C, 1984, 30, 2010-2021.	1.1	11
390	The role of the pion in nucleon structure. Nuclear Physics A, 1990, 518, 186-200.	0.6	11
391	Structure functions of nuclei in the $\hat{a} \sim \hat{a}^{\text{instant}} \hat{a}^{\text{TM}}$ form of dynamics. Physical Review C, 1990, 41, 2756-2763.		11
392	Kaon properties and cross sections in the nuclear medium. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 349-354.	1.4	11
393	FLIC fermions and hadron phenomenology. European Physical Journal A, 2003, 18, 247-252.	1.0	11
394	Okubo-Zweig-Iizuka rule violation in photoproduction. Physical Review D, 2005, 71, .	1.6	11
395	Dihadron fragmentation functions in the quark-jet model: Longitudinally polarized quarks. Physical Review D, 2017, 96, .	1.6	11
396	Neutron to dark matter decay in neutron stars. International Journal of Modern Physics A, 2018, 33, 1844020.	0.5	11

#	ARTICLE	IF	CITATIONS
397	Dihadron fragmentation functions in the quark-jet model: Transversely polarized quarks. Physical Review D, 2018, 97, .	1.6	11
398	Title is missing!. European Physical Journal A, 2002, 14, 105-112.	1.0	11
399	Constraints on the dark photon from deep inelastic scattering. Physical Review D, 2022, 105, .	1.6	11
400	Sensitivity of Parity-Violating Electron Scattering to a Dark Photon. Physical Review Letters, 2022, 129, .	2.9	11
401	The case for studying the (\bar{p} , \bar{n}) reaction in coincidence under optimum conditions. Nuclear Physics A, 1979, 322, 493-511.	0.6	10
402	Radiative K- capture in hydrogen. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 171, 471-474.	1.5	10
403	Comment on "Quark-meson coupling model for baryon wave functions and properties". Physical Review D, 1991, 43, 288-290.	1.6	10
404	The role of nucleon structure in the NN interaction: Effects of pion exchange between quarks. Nuclear Physics A, 1993, 556, 331-354.	0.6	10
405	Scaling law for the electromagnetic form factors of the proton. Journal of Physics G: Nuclear and Particle Physics, 2000, 26, L75-L80.	1.4	10
406	On the role of the pion cloud in nucleon electromagnetic form factors. Nuclear Physics A, 2001, 684, 296-298.	0.6	10
407	Charge symmetry breaking in spin-dependent parton distributions and the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 97-102.	1.5	10
408	Charge symmetry breaking from a chiral extrapolation of moments of quark distribution functions. Physical Review D, 2013, 87, .	1.6	10
409	Sivers Effect in Two-Hadron Electroproduction. Physical Review Letters, 2014, 113, 062003.	2.9	10
410	Fractional Poisson processes and their representation by infinite systems of ordinary differential equations. Statistics and Probability Letters, 2014, 84, 27-32.	0.4	10
411	Nucleon resonance structure in the finite volume of lattice QCD. Physical Review D, 2017, 95, .	1.6	10
412	Superheavy Nuclei in the Quark-Meson-Coupling Model. EPJ Web of Conferences, 2017, 163, 00057.	0.1	10
413	Accessing Quark Helicity through Dihadron Studies. Physical Review Letters, 2018, 120, 252001.	2.9	10
414	Kaonic hydrogen and deuterium in Hamiltonian effective field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135652.	1.5	10

#	ARTICLE	IF	CITATIONS
415	Hamiltonian effective field theory in elongated or moving finite volume. <i>Physical Review D</i> , 2021, 103, .	1.6	10
416	Semi-inclusive pion production and the d/u ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 435, 420-426.	1.5	9
417	The GMO Sumrule and the pNN Coupling Constant. <i>Physica Scripta</i> , 2000, T87, 71.	1.2	9
418	Effect of changes in meson properties in a nuclear medium: J/ψ dissociation in nuclear matter, and meson-nucleus bound states. <i>Nuclear Physics A</i> , 2001, 680, 280-285.	0.6	9
419	Heavy quark distribution functions in heavy baryons. <i>Physical Review D</i> , 2001, 64, .	1.6	9
420	Chiral extrapolation and physical insights. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 128, 227-232.	0.5	9
421	Consequences of fully dressing quark-gluon vertex function with two-point gluon lines. <i>Journal of Physics C: Nuclear and Particle Physics</i> , 2007, 34, 2153-2164.	1.4	9
422	Testing partonic charge symmetry at a high-energy electron collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 123-127.	1.5	9
423	Structure and Coulomb dissociation of ^{23}O within the quark-meson coupling model. <i>Nuclear Physics A</i> , 2013, 913, 116-126.	0.6	9
424	Variations of nuclear binding with quark masses. <i>Physical Review C</i> , 2013, 87, .	1.1	9
425	Cosmological constant in SUGRA models with Planck scale SUSY breaking and degenerate vacua. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 737, 167-171.	1.5	9
426	Quark-jet model for transverse momentum dependent fragmentation functions. <i>Physical Review D</i> , 2016, 94, .	1.6	9
427	Frequent identification of an electrochemical cell impedance using fractional modeling. <i>IFAC-PapersOnLine</i> , 2018, 51, 802-807.	0.5	9
428	Chiral Corrections for Lattice QCD. <i>Australian Journal of Physics</i> , 1991, 44, 173.	0.6	9
429	Tensor and pairing interactions within the quark-meson coupling energy-density functional. <i>Physical Review C</i> , 2020, 102, .	1.1	9
430	Do Short-Range Correlations Cause the Nuclear EMC Effect in the Deuteron?. <i>Physical Review Letters</i> , 2020, 125, 262002.	2.9	9
431	Importance of the D-State Probability of the Deuteron in Threshold $p + p \rightarrow \pi + d$. <i>Physical Review Letters</i> , 1971, 26, 906-908.	2.9	8
432	The $(p, n\pi^+)$ reaction and the NN π vertex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1979, 83, 293-296.	1.5	8

#	ARTICLE	IF	CITATIONS
433	Sigma hypernuclei: a microscopic model. <i>Journal of Physics G: Nuclear Physics</i> , 1982, 8, L105-L109.	0.8	8
434	Pion absorption on polarized ^3He . <i>Physical Review C</i> , 1989, 40, 2420-2421.	1.1	8
435	Proton production bias in neutrino-hydrogen interactions. <i>Zeitschrift für Physik A</i> , 1992, 342, 215-221.	0.9	8
436	Kaon-nucleus Drell-Yan processes and kaon structure functions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 380, 393-398.	1.5	8
437	Spectral change of f_0 and $f_0(1370)$ mesons in a dense nuclear medium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 460, 17-23.	1.5	8
438	Deep inelastic scattering on asymmetric nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 493, 288-292.	1.5	8
439	Pomeron as a Reggeized Tensor Glueball. <i>Communications in Theoretical Physics</i> , 2001, 36, 577-582.	1.1	8
440	Nucleon mass and pion loops: Renormalization. <i>Physical Review C</i> , 2002, 66, .	1.1	8
441	Matching functions for heavy particles. <i>Physical Review D</i> , 2003, 68, .	1.6	8
442	Chiral structure in baryon magnetic moments. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 129-130, 290-292.	0.5	8
443	Experimental tests of charge symmetry violation in parton distributions. <i>Physical Review D</i> , 2005, 72, .	1.6	8
444	Symbiosis in the Bak-Sneppen model for biological evolution with economic applications. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 365, 499-508.	1.2	8
445	Nuclear quasielastic electron scattering limits nucleon off-mass shell properties. <i>Physical Review C</i> , 2012, 86, .	1.1	8
446	Pure sea-quark contributions to the magnetic form factors of Λ baryons. <i>Physical Review D</i> , 2015, 92, .	1.6	8
447	SU(3) breaking in hyperon transition vector form factors. <i>Physical Review D</i> , 2015, 92, .	1.6	8
448	Polarized EMC effect in the QMC model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 247-252.	1.5	8
449	Possible nature of dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 086.	1.9	8
450	The cloudy bag model. <i>European Physical Journal D</i> , 1982, 32, 239-247.	0.4	7

#	ARTICLE	IF	CITATIONS
451	Pion-nucleon scattering lengths in the cloudy bag model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 148, 28-30.	1.5	7
452	A deep-inelastic view of hadron structure. Nuclear Physics A, 1991, 532, 177-194.	0.6	7
453	Charm as a signature of the EMC spin effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 457-459.	1.5	7
454	Pion exchange and the H1 forward spectrometer data. European Physical Journal C, 1999, 9, 267-269.	1.4	7
455	Correlator mixing and mass reduction as signals of chiral symmetry restoration. Physical Review C, 2000, 61, .	1.1	7
456	Zero-energy $\pi\pi^0$ scattering: precise determination of the πN scattering lengths and of the charged coupling constant. Nuclear Physics A, 2001, 684, 380-382.	0.6	7
457	Role of the Delta (1232) in deep inelastic scattering on polarized ^3He and extraction of the neutron spin structure function $g_1(x, Q^2)$. Physical Review D, 2001, 64, .	1.6	7
458	Meson model for $f_0(980)$ production in peripheral pion-nucleon reactions. Physical Review D, 2003, 68, .	1.6	7
459	Implications of current constraints on parton charge symmetry. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1151-1163.	1.4	7
460	WHAT WE KNOW AND DON'T KNOW ABOUT THE ORIGIN OF THE SPIN OF THE PROTON. International Journal of Modern Physics A, 2010, 25, 4149-4162.	0.5	7
461	BINDING OF HYPERNUCLEI, AND PHOTOPRODUCTION OF Λ -HYPERNUCLEI IN THE LATEST QUARK-MESON COUPLING MODEL. International Journal of Modern Physics E, 2010, 19, 2546-2551.	0.4	7
462	Dihadron fragmentation functions from the NJL-jet model and their QCD evolution. Physical Review D, 2012, 86, .	1.6	7
463	Strange Quarks and Lattice QCD. Few-Body Systems, 2013, 54, 123-128.	0.7	7
464	Sivers effect in dihadron semi-inclusive deep inelastic scattering. Physical Review D, 2014, 90, .	1.6	7
465	The Effect of Vector Meson Decays on Dihadron Fragmentation Functions. EPJ Web of Conferences, 2014, 66, 06014.	0.1	7
466	Charge symmetry violation in the electromagnetic form factors of the nucleon. Physical Review D, 2015, 91, .	1.6	7
467	Monte Carlo implementation of polarized hadronization. Physical Review D, 2017, 95, .	1.6	7
468	Baryon asymmetry generation in the E 6 CHM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 123-129.	1.5	7

#	ARTICLE	IF	CITATIONS
469	Charm in the nucleon. <i>European Physical Journal C</i> , 1999, 11, 673.	1.4	7
470	Possibility of isospin breaking in the deuteron. <i>Physical Review C</i> , 1988, 37, 1755-1758.	1.1	6
471	Charge symmetry breaking in the reaction $np \rightarrow d\pi^0$. <i>Physical Review C</i> , 1988, 38, 838-845.	1.1	6
472	Mapping the x dependence of the axial anomaly in polarised deep inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 312, 345-350.	1.5	6
473	Role of strange and charm quarks in the nucleon spin structure function. <i>Physical Review D</i> , 1996, 53, 1191-1198.	1.6	6
474	Q ² -dependence of the Gerasimov-Drell-Hearn sum rule. <i>Nuclear Physics A</i> , 1998, 635, 497-508.	0.6	6
475	Precision determination of the πN scattering lengths and the charged πNN coupling constant. <i>Nuclear Physics A</i> , 2000, 663-664, 541c-544c.	0.6	6
476	The sigma commutator from lattice QCD. <i>Nuclear Physics A</i> , 2001, 680, 137-140.	0.6	6
477	Chiral extrapolation of lattice data for the hyperfine splittings of heavy mesons. <i>Physical Review D</i> , 2002, 65, .	1.6	6
478	Enhanced direct CP violation in $B_{\pm}^0 \rightarrow \pi^{\pm} K_{\pm}^0$. <i>Physical Review D</i> , 2002, 66, .	1.6	6
479	Chiral behaviour of baryon masses in quenched lattice QCD. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 109, 55-59.	0.5	6
480	Structure functions of unstable lithium isotopes. <i>Nuclear Physics A</i> , 2002, 705, 119-152.	0.6	6
481	Direct CP violation in $\{B \rightarrow \pi^+ \pi^-\}$ with $\rho^0 - \omega$ mixing effects: phenomenological approach. <i>European Physical Journal C</i> , 2003, 29, 215-233.	1.4	6
482	Finite-range regularisation and chiral extrapolation. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 141, 233-237.	0.5	6
483	Fermi matrix element with isospin breaking. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 536-538.	1.5	6
484	Gluon polarization in the proton. <i>Physical Review C</i> , 2011, 83, .	1.1	6
485	Hadronic \hat{Z} box corrections in Møller scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 731, 287-292.	1.5	6
486	LHC signatures of neutral pseudo-Goldstone boson in the E 6CHM. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 075003.	1.4	6

#	ARTICLE	IF	CITATIONS
487	Growth morphologies of dihydro-tetraaza-acenes on c-plane sapphire. <i>Surface Science</i> , 2018, 678, 128-135.	0.8	6
488	Reflections on the origin of the EMC effect. <i>International Journal of Modern Physics E</i> , 2018, 27, 1840001.	0.4	6
489	QCD and a new paradigm for nuclear structure. <i>EPJ Web of Conferences</i> , 2016, 123, 01003.	0.1	6
490	Modelling QCD: Probes of hadron structure. <i>Nuclear Physics A</i> , 1991, 527, 519-524.	0.6	5
491	On the interpretation of the NA51 experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 389, 217-220.	1.5	5
492	Direct CP violation in charmed hadron decays via $\bar{b} \rightarrow c$ mixing. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	5
493	Nuclear shadowing at low Q^2 . <i>Physical Review C</i> , 2003, 67, .	1.1	5
494	Chiral extrapolation of lattice data for heavy baryons. <i>Physical Review D</i> , 2003, 67, .	1.6	5
495	CONNECTING STRUCTURE FUNCTIONS ON THE LATTICE WITH PHENOMENOLOGY. <i>International Journal of Modern Physics A</i> , 2003, 18, 1343-1350.	0.5	5
496	Observing chiral nonanalytic behavior with FLIC fermions. <i>Nuclear Physics A</i> , 2004, 737, 177-181.	0.6	5
497	Quark distributions in a medium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 595, 237-244.	1.5	5
498	Finite volume dependence of hadron properties and lattice QCD. <i>Journal of Physics: Conference Series</i> , 2005, 9, 321-330.	0.3	5
499	The Free Electron Laser at Jefferson Lab: The Technology and the Science. <i>Proceedings of the IEEE</i> , 2007, 95, 1679-1682.	16.4	5
500	Nucleon sigma term and quark condensate in nuclear matter. <i>European Physical Journal A</i> , 2007, 31, 626-629.	1.0	5
501	Λ^0 Mass Shift and Λ^0 -Nuclear Bound State. , 2011, , .		5
502	SU(3) chiral perturbation theory expansion of moments of quark distributions. <i>Physical Review D</i> , 2013, 87, .	1.6	5
503	Goodness-of-fit tests and applications for left-truncated Weibull distributions to non-life insurance. <i>European Actuarial Journal</i> , 2015, 5, 139-163.	0.5	5
504	Inelastic WIMP-nucleus scattering to the first excited state in ^{125}Te . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 115002.	1.4	5

#	ARTICLE	IF	CITATIONS
505	Growth of Dihydropyridopyridine Layers on Cu(110). Journal of Physical Chemistry C, 2018, 122, 10828-10834.	1.5	5
506	Semi-inclusive back-to-back production of a hadron pair and a single hadron in $e+e\hat{e}$ annihilation. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
507	Model dependence of the pion form factor extracted from pion electroproduction. Physical Review C, 2019, 100, .	1.1	5
508	Roles of crust and core in the tidal deformability of neutron stars. International Journal of Modern Physics E, 2019, 28, 1950081.	0.4	5
509	\hat{I} -nucleus bound states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135882.	1.5	5
510	Hybrid stars with hyperons and strange quark matter. AIP Conference Proceedings, 2021, , .	0.3	5
511	Strange quark helicity in the proton from chiral effective theory. Physical Review D, 2020, 102, .	1.6	5
512	Goodness-of-fit Testing for Left-truncated Two-parameter Weibull Distributions with Known Truncation Point. Austrian Journal of Statistics, 2016, 45, 15-42.	0.2	5
513	Nuclear Symmetry Energy and Hyperonic Stars in the QMC Model. Frontiers in Astronomy and Space Sciences, 0, 9, .	1.1	5
514	The strong interaction shift in pionic ^3He . Canadian Journal of Physics, 1978, 56, 687-690.	0.4	4
515	$\$/\psi\$/$ production as a probe of charge symmetry violations and nuclear corrections in parton distributions. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 661-664.	1.5	4
516	Deuteron structure functions in the context of few-body physics. Nuclear Physics A, 1998, 631, 296-315.	0.6	4
517	Testing parton charge symmetry at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 185-190.	1.5	4
518	Baryon mass extrapolation. Nuclear Physics, Section B, Proceedings Supplements, 2000, 83-84, 179-181.	0.5	4
519	Boundary of nuclear physics and QCD. AIP Conference Proceedings, 2002, , .	0.3	4
520	Quark-hadron duality and the nuclear EMC effect. European Physical Journal A, 2002, 14, 105-112.	1.0	4
521	Vector meson mass corrections at $\langle m \rangle$. <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:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/</small>	1.5	4
522	Medium modifications of the bound nucleon generalized parton distributions and the quark contribution to the spin sum rule. Physical Review C, 2009, 79, .	1.1	4

#	ARTICLE	IF	CITATIONS
523	Effects of Quark Spin Flip on the Collins Fragmentation Function in a Toy Model. Journal of Physics: Conference Series, 2012, 403, 012042.	0.3	4
524	Production of $\Lambda^{\bar{c}}$ -Hypernuclei via the $(K^{\bar{c}}, K^+)$ Reaction in a Quark-Meson Coupling Model. Few-Body Systems, 2013, 54, 1271-1274.	0.7	4
525	E6inspired composite Higgs model and 750 GeV diphoton excess. EPJ Web of Conferences, 2016, 125, 02021.	0.1	4
526	Quark-meson coupling model based upon the Nambu-Jona Lasinio model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 467-472.	1.5	4
527	Universal behaviour in the stock market: Time dynamics of the electronic orderbook. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 2501-2512.	0.9	4
528	An improved hadronic model for pion electroproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135581.	1.5	4
529	Chiral extrapolation of the charged-pion magnetic polarizability with Padé approximant. Physical Review D, 2021, 104, .	1.6	4
530	Charge Symmetry Breaking in Neutron-Proton Scattering above Pion Production Threshold. Australian Journal of Physics, 1988, 41, 31.	0.6	4
531	The Sigma Term: Leading Non-Analytic Behaviour Of Decuplet Contributions. Australian Journal of Physics, 1994, 47, 45.	0.6	4
532	Partial wave expansions of modified one-particle-exchange diagrams. Physical Review C, 1982, 26, 1132-1140.	1.1	3
533	Pion-nucleus scattering theory. Nuclear Physics A, 1982, 374, 401-414.	0.6	3
534	Discussion of a new formalism for charge-symmetry breaking in the neutron-proton system. Few-Body Systems, 1988, 4, 17-24.	0.7	3
535	The M1 radiative decay of low-lying mesons in the cloudy bag model with centre-of-mass correction. Nuclear Physics A, 1993, 559, 579-602.	0.6	3
536	Hadrons in dense matter. Nuclear Physics A, 1998, 629, 20-29.	0.6	3
537	On the $\frac{1}{4}$ -distribution of inclusively produced particles in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 473, 305-308.	1.5	3
538	Spin and flavor dependent structure and production of Lambda baryons. Nuclear Physics A, 2001, 680, 66-69.	0.6	3
539	Nonsinglet structure function of the $^3\text{He}^{\bar{c}}^3\text{H}$ system and divergence of the Gottfried integral. Physical Review D, 2001, 64, .	1.6	3
540	Hadron mass extraction from lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2002, 109, 50-54.	0.5	3

#	ARTICLE	IF	CITATIONS
541	Recent developments in quark nuclear physics. European Physical Journal A, 2003, 18, 241-245.	1.0	3
542	Moments of isovector quark distributions in lattice QCD. European Physical Journal A, 2003, 18, 269-272.	1.0	3
543	Progress in the calculation of nucleon form factors and parton distribution functions. Nuclear Physics A, 2003, 721, C915-C921.	0.6	3
544	Decoupling heavy particles simultaneously. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 159-164.	0.5	3
545	Parton charge symmetry violation: Electromagnetic effects and W production asymmetries. Physical Review D, 2006, 73, .	1.6	3
546	Exploring the spectrum of QCD using the lattice. Journal of Physics: Conference Series, 2009, 180, 012067.	0.3	3
547	Comment on "The role of the orbital angular momentum in the proton spin" by M. Wakamatsu. European Physical Journal A, 2010, 46, 325-326.	1.0	3
548	The Determination of $\sin^2\theta_{13}$ in Neutrino Scattering: no more anomaly. , 2011, , .		3
549	Analyzing Unfavored Fragmentation Functions Using NJL-Jet Model. , 2011, , .		3
550	Heat fluxes and electrodes temperature in a proton exchange membrane fuel cell. Mechanics and Industry, 2012, 13, 255-260.	0.5	3
551	Production of the Λ baryon via the (K^+, K^+) reaction on a ^{12}C target. Physical Review C, 2013, 88, .	1.1	3
552	Momentum transfer dependence of the proton's electric and magnetic polarizabilities. Physical Review D, 2014, 89, .	1.6	3
553	Bottom quark contribution to spin-dependent dark matter detection. Nuclear Physics B, 2016, 906, 60-76.	0.9	3
554	Electromagnetic contribution to charge symmetry violation in parton distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 595-599.	1.5	3
555	On the smallness of the cosmological constant. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1465-1470.	0.2	3
556	Lambda beta-decay in-medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 332-335.	1.5	3
557	Flavor symmetry breaking in the \bar{s} sea. Physical Review D, 2019, 100, .	1.6	3
558	Outer crust of a cold, nonaccreting neutron star within the quark-meson-coupling model. Physical Review C, 2020, 102, .	1.1	3

#	ARTICLE	IF	CITATIONS
559	Improved Parton Distributions from the Quark Model. Australian Journal of Physics, 1991, 44, 363.	0.6	3
560	E6 Inspired Composite Higgs Model and Baryon Asymmetry Generation. Physics of Particles and Nuclei, 2020, 51, 709-713.	0.2	3
561	Gluon EMC effects in nuclear matter. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 03LT01.	1.4	3
562	Helicity-dependent distribution of strange quarks in the proton from nonlocal chiral effective theory. Physical Review D, 2022, 105, .	1.6	3
563	Chiral symmetry and the bag model. Nuclear Physics A, 1984, 416, 69-86.	0.6	2
564	Nucleon models in the context of nuclear physics. Nuclear Physics A, 1985, 434, 667-676.	0.6	2
565	A NEW HYPOTHESIS ON THE ORIGIN OF THE THREE GENERATIONS. Modern Physics Letters A, 1996, 11, 339-347.	0.5	2
566	On extracting the $\bar{d}-\bar{u}$ mixing amplitude from the pion form-factor. Nuclear Physics A, 1998, 629, 464-470.	0.6	2
567	Evidence for charge symmetry violation in parton distributions. Nuclear Physics A, 1999, 654, 596c-601c.	0.6	2
568	Precise strength of the $\bar{d}-\bar{u}$ coupling constant. Nuclear Physics A, 1999, 654, 939c-942c.	0.6	2
569	Chiral corrections to baryon masses calculated within lattice QCD. Nuclear Physics A, 2000, 663-664, 973c-976c.	0.6	2
570	Hadron structure after 25 years of QCD. Nuclear Physics A, 2001, 684, 3-15.	0.6	2
571	Understanding the Structure of Matter within QCD. Progress of Theoretical Physics Supplement, 2003, 151, 1-10.	0.2	2
572	Meson-nucleon vertex form factors at finite temperature using a soft pion form factor. Physical Review C, 2003, 68, .	1.1	2
573	Description of Nucleons, Nuclear Matter and Quark Matter in an Effective Quark Theory. Progress of Theoretical Physics Supplement, 2003, 151, 176-180.	0.2	2
574	Neutrino Physics Without Oscillations. AIP Conference Proceedings, 2003, , .	0.3	2
575	New insight into nuclear structure from QCD. Annalen Der Physik, 2004, 13, 731-739.	0.9	2
576	Spin-dependent parton distributions in the nucleon. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 225-232.	0.5	2

#	ARTICLE	IF	CITATIONS
577	Two-scale scalar mesons in nuclei. <i>European Physical Journal A</i> , 2005, 26, 159-165.	1.0	2
578	Running couplings for the simultaneous decoupling of heavy quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 634, 249-254.	1.5	2
579	Lattice QCD Studies of Pentaquarks and Exotics. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 153, 348-353.	0.5	2
580	Recent Developments Concerning the Role of Strangeness in the Nucleon. <i>Nuclear Physics A</i> , 2007, 782, 1-8.	0.6	2
581	Origin of the Nuclear Equation of State at the Quark Level. <i>Nuclear Physics A</i> , 2007, 787, 396-404.	0.6	2
582	Role of the $U(1)$ ghost beyond leading order in a large- N_c expansion. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 115006.	1.4	2
583	Additional corrections to the Gross-Llewellyn Smith sum rule. <i>Physical Review D</i> , 2010, 82, .	1.6	2
584	Dihadron Fragmentation Functions in the NJL-jet model. , 2011, , .		2
585	Neutralino-hadron scattering in the next-to-minimal supersymmetric standard model. <i>Physical Review D</i> , 2012, 86, .	1.6	2
586	Study of kaon decay to two pions. <i>Physical Review D</i> , 2015, 91, .	1.6	2
587	Finite-Volume Hamiltonian Method for $\pi\pi$ Scattering in Lattice QCD. , 2016, , .		2
588	Solar neutrinos as background in dark matter searches involving electron detection. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 07LT01.	1.4	2
589	Dark energy density in SUGRA models and degenerate vacua. <i>International Journal of Modern Physics A</i> , 2017, 32, 1730013.	0.5	2
590	Structure of the Nucleon and its Excitations. <i>EPJ Web of Conferences</i> , 2018, 175, 06019.	0.1	2
591	Refined analysis on the parton distribution functions of the proton. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 015102.	1.4	2
592	On-surface chemistry using local high electric fields. <i>Nanoscale Advances</i> , 2021, 3, 5565-5569.	2.2	2
593	Hadron Structure and QCD: Effective Field Theory for Lattice Simulations. , 0, , 113-129.		2
594	Pion exchange and the H1 forward spectrometer data. <i>European Physical Journal C</i> , 1999, 9, 267.	1.4	2

#	ARTICLE	IF	CITATIONS
595	Chiral extrapolation of the magnetic polarizability of the neutral pion. Physical Review D, 2020, 102, .	1.6	2
596	BARYON RESONANCE PHENOMENOLOGY. , 2002, , .		2
597	FADDEEV APPROACH TO PION PRODUCTION. , 1972, , 861-864.		2
598	PION REACTIONS WITH FEW NUCLEON SYSTEMS â€” Workshop E. Exs, 1977, , 109-118.	1.4	2
599	Effect of the pion field on the distributions of pressure and shear in the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137136.	1.5	2
600	Mass extrapolation of the amplitude for pion production in N-N collision. Physical Review C, 1977, 15, 2143-2145.	1.1	1
601	Overview of the discussion session on â€œwhat is a realistic picture of hadron structure?â€• Nuclear Physics A, 1988, 478, 107-109.	0.6	1
602	Deep inelastic scattering from a momentum conserving two-dimensional cavity. Progress in Particle and Nuclear Physics, 1988, 20, 283-288.	5.6	1
603	DETERMINATION OF NUCLEAR QUARK AND ANTIQUARK DISTRIBUTIONS FROM MUON EXPERIMENTS. Modern Physics Letters A, 1988, 03, 1055-1058.	0.5	1
604	The role of nucleon structure in nuclear physics. Progress in Particle and Nuclear Physics, 1996, 36, 289-299.	5.6	1
605	Hadron structure in medium. Nuclear Physics A, 2000, 670, 149-156.	0.6	1
606	Pions in isospin asymmetric nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 93-100.	1.5	1
607	Theoretical perspective on the nucleon strange magnetic form factor. Nuclear Physics A, 2001, 680, 117-124.	0.6	1
608	The spin structure function of the neutron. Nuclear Physics, Section B, Proceedings Supplements, 2002, 105, 80-85.	0.5	1
609	Neutrinos and non-perturbative nucleon structure. Nuclear Physics, Section B, Proceedings Supplements, 2002, 112, 57-62.	0.5	1
610	Chiral nonanalytic behaviour: The Edinburgh plot. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 236-238.	0.5	1
611	PROPERTIES OF NUCLEONS AND NUCLEAR MATTER IN THE QUARKâ€”DIQUARK MODEL AND EXTENSION TO FINITE DENSITY. International Journal of Modern Physics A, 2003, 18, 1409-1412.	0.5	1
612	QCD AND HADRON STRUCTURE. Modern Physics Letters A, 2003, 18, 347-355.	0.5	1

#	ARTICLE	IF	CITATIONS
613	The strangeness magnetic moment of the nucleon from FLIC fermions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 132-140.	0.5	1
614	Analysis of the $pp\bar{p}$, mass spectrum from J/ψ decay. AIP Conference Proceedings, 2005, , .	0.3	1
615	Chiral Extrapolation of Lattice Data for Heavy Meson Hyperfine Splittings. Few-Body Systems, 2006, 38, 17-29.	0.7	1
616	Progress in the calculation and experimental determination of the strangeness contributions to nucleon form factors. Nuclear Physics A, 2007, 790, 173c-181c.	0.6	1
617	Testing QCD in the non-perturbative regime. European Physical Journal: Special Topics, 2007, 140, 117-134.	1.2	1
618	Ian Ellery McCarthy 1930 - 2005. Historical Records of Australian Science, 2008, 19, 161.	0.3	1
619	Positrons at Jefferson Lab. , 2009, , .		1
620	Challenges in uncovering the origin of the proton's spin. Chinese Physics C, 2010, 34, 1153-1156.	1.5	1
621	IMPORTANCE OF STRANGE QUARKS IN HADRONS, NUCLEI AND DENSE MATTER. International Journal of Modern Physics E, 2010, 19, 2293-2300.	0.4	1
622	Preface: 8th Circumâ€Panaâ€Pacific Symposium on High Energy Spin Physics. , 2011, , .		1
623	The Radius of the Proton: Size Does Matter. , 2011, , .		1
624	Updated Analysis of the Mass of the H Dibaryon from Lattice QCD. , 2014, , .		1
625	A vision of hadronic physics. EPJ Web of Conferences, 2014, 73, 01018.	0.1	1
626	Sivers Effect in Dihadron Electroproduction. EPJ Web of Conferences, 2015, 85, 02026.	0.1	1
627	Partial restoration of chiral symmetry in cold nuclear matter: the $\langle i \rangle \bar{\psi} \langle /i \rangle$ -meson case. Journal of Physics: Conference Series, 2017, 912, 012009.	0.3	1
628	Neutron stars from crust to core within the Quark-meson coupling model. EPJ Web of Conferences, 2020, 232, 03001.	0.1	1
629	Recent Work in Three-Body Systems. Lecture Notes in Physics, 1978, , 247-266.	0.3	1
630	Reactions of exotic nuclei with the quark-meson coupling model. EPJ Web of Conferences, 2017, 163, 00036.	0.1	1

#	ARTICLE	IF	CITATIONS
631	Predicting the SUSY breaking scale in SUGRA models with degenerate vacua. International Journal of Modern Physics A, 2020, 35, 2050007.	0.5	1
632	DISTORTIONS IN THE NEGATIVE ENERGY DIRAC SEA: VIOLATION OF THE GOTTFRIED SUM RULE AND Δu IN THE PROTON. , 2001, , .		1
633	Probing the Quark Structure of Matter. NATO ASI Series Series B: Physics, 1990, , 263-291.	0.2	1
634	Effects of Charge Symmetry Breaking on Form Factors of the Pion and Kaon. , 2019, , .		1
635	Significance of lower energy density region of neutron star and universalities among neutron star properties. Journal of Physics: Conference Series, 2020, 1643, 012066.	0.3	1
636	The scattering of positive kaons by nuclei. Canadian Journal of Physics, 1983, 61, 703-708.	0.4	0
637	Signs of variable nucleon size. Nature, 1988, 335, 499-500.	13.7	0
638	Quark models and QCD " towards a consistent connection. Nuclear Physics A, 1989, 497, 123-137.	0.6	0
639	Off-shell behavior of relativistic N effective interactions and charge symmetry breaking. Physical Review C, 1990, 41, 1453-1461.	1.1	0
640	Self-energy of the pion. Physical Review C, 1994, 49, 548-551.	1.1	0
641	Spin dependent structure functions of nucleons and nuclei. AIP Conference Proceedings, 1995, , .	0.3	0
642	Deep inelastic scattering from polarized deuterons. AIP Conference Proceedings, 1995, , .	0.3	0
643	Real and virtual photon interactions with nucleons and nuclei. Nuclear Physics A, 2000, 663-664, 249c-256c.	0.6	0
644	Charge symmetry violation in parton distributions. AIP Conference Proceedings, 2000, , .	0.3	0
645	Implications of chiral symmetry for lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2002, 109, 35-39.	0.5	0
646	STRUCTURE FUNCTIONS OF THE NUCLEON IN THE QUARK " DIQUARK MODEL AND EXTENSION TO FINITE DENSITY. International Journal of Modern Physics A, 2003, 18, 1413-1416.	0.5	0
647	STRUCTURE FUNCTION IN NUCLEAR MATTER IN THE NJL MODEL. Modern Physics Letters A, 2003, 18, 384-387.	0.5	0
648	QCD Factorization in B Decays into \bar{B}^0 . AIP Conference Proceedings, 2003, , .	0.3	0

#	ARTICLE	IF	CITATIONS
649	Parton distributions from lattice QCD: an update. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 148-152.	0.5	0
650	Scale-free networks in complex systems. , 2005, , .		0
651	Chiral SU(3) quark mean-field model for hadronic systems. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 273-278.	0.5	0
652	Systematic uncertainties in the precise determination of the strangeness magnetic moment of the nucleon. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 287-294.	0.5	0
653	Structure functions of free and in-medium nucleons. AIP Conference Proceedings, 2005, , .	0.3	0
654	Phase transition from nuclear to quark matter. AIP Conference Proceedings, 2005, , .	0.3	0
655	Large x Behaviour and the Non-Perturbative Structure of Hadronic Systems. AIP Conference Proceedings, 2005, , .	0.3	0
656	PQChPT with staggered sea and valence Ginspargâ€™Wilson quarks: vector meson masses. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1527-1536.	1.4	0
657	Physical Nucleon Form Factors from Lattice QCD. AIP Conference Proceedings, 2006, , .	0.3	0
658	The polarized EMC effect. AIP Conference Proceedings, 2007, , .	0.3	0
659	Spin-dependent parton distributions and structure functions. Few-Body Systems, 2008, 44, 71-73.	0.7	0
660	WG.9: The IUPAP Working Group on International Cooperation in Nuclear Physics. Nuclear Physics A, 2008, 805, 271c-273c.	0.6	0
661	ON THE EQUATION OF STATE IN EFFECTIVE QUARK THEORIES. Modern Physics Letters A, 2008, 23, 2477-2480.	0.5	0
662	Invariant Spin in the Proton. AIP Conference Proceedings, 2008, , .	0.3	0
663	Overview of Issues Surrounding Strangeness in the Nucleon. , 2009, , .		0
664	Symmetries and the search for physics beyond the standard model. Nuclear Physics A, 2010, 844, 19c-25c.	0.6	0
665	The NJL-jet model for quark fragmentation functions. , 2010, , .		0
666	Kaon fragmentation function from NJL-jet model. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
667	The structure of a bound nucleon. , 2010, , .		0
668	An Overview of Meson-Nuclear Physics. , 2011, , .		0
669	Finite Volume Corrections to the Nucleon Axial Charge. , 2011, , .		0
670	Perspectives in nuclear physics. European Physical Journal: Special Topics, 2011, 198, 381-390.	1.2	0
671	Monte-Carlo Approach to Calculating the Fragmentation Functions in NJL-Jet Model. , 2011, , .		0
672	Axial Form Factor of the Nucleon in a Finite Spherical Cavity. , 2011, , .		0
673	Quark fragmentation to pions and kaons in the NJL-jet model. , 2011, , .		0
674	NJL-jet model calculation of quark fragmentation to hadrons. , 2011, , .		0
675	Resolution of the proton radius puzzle via off-shell form factors. , 2012, , .		0
676	Non-perturbative aspects of hadron structure in QCD. , 2012, , .		0
677	What's New with the Neutron and Proton. Few-Body Systems, 2012, 52, 357-366.	0.7	0
678	Progress in resolving charge symmetry violation in nucleon structure. International Journal of Modern Physics E, 2014, 23, 1461010.	0.4	0
679	Chiral Corrections to Baryon Electromagnetic Form Factors. Few-Body Systems, 2018, 59, 1.	0.7	0
680	Cosmological Constant in SUGRA Models with Degenerate Vacua. Universe, 2019, 5, 214.	0.9	0
681	Effect of immersion time at the stainless steel 304L/NaCl (0.01 M) interface. Journal of Electrochemical Science and Engineering, 2019, 9, 99-111.	1.6	0
682	Relativistic mean-field corrections for interactions of dark matter particles with nucleons. Physical Review C, 2021, 103, .	1.1	0
683	Censored expectation maximization algorithm for mixtures: Application to intertrade waiting times. Physica A: Statistical Mechanics and Its Applications, 2021, 587, 126456.	1.2	0
684	MESON CLOUD CONSIDERATIONS IN THE STRANGE MAGNETIC MOMENT OF THE NUCLEON FROM LATTICE QCD. , 2001, , .		0

#	ARTICLE	IF	CITATIONS
685	CHIRAL SYMMETRY AND HADRON PROPERTIES IN LATTICE QCD. , 2002, , .		0
686	QUENCHED CHIRAL PHYSICS IN BARYON MASSES. , 2002, , .		0
687	COVARIANT LIGHT-FRONT DYNAMICS AND ITS APPLICATION TO THE MESON WAVE FUNCTIONS. , 2002, , .		0
688	NUCLEON STRUCTURE FUNCTIONS AT FINITE DENSITY IN THE NJL MODEL. , 2002, , .		0
689	NON-PERTURBATIVE CHIRAL CORRECTIONS FOR LATTICE QCD. , 2002, , .		0
690	EQUATIONS OF STATE FOR NUCLEAR MATTER AND QUARK MATTER IN THE NJL MODEL. , 2002, , .		0
691	FLIC fermions and hadron phenomenology. , 2003, , 247-252.		0
692	Recent developments in quark nuclear physics. , 2003, , 241-245.		0
693	Moments of isovector quark distributions in lattice QCD. , 2003, , 269-272.		0
694	DEEP INELASTIC SCATTERING FROM LIGHT NUCLEI. , 2003, , .		0
695	SUCCESSSES AND OPEN ISSUES IN BARYON PHYSICS. , 2003, , .		0
696	Nucleon electromagnetic form factors from lattice QCD. , 2004, , 9-14.		0
697	NUCLEAR MATTER AND THE TRANSITION TO QUARK MATTER IN AN EFFECTIVE QUARK THEORY. , 2004, , .		0
698	Systematic uncertainties in the precise determination of the strangeness magnetic moment of the nucleon. , 2005, , 79-84.		0
699	IMPORTANCE OF STRANGE QUARKS IN HADRONS, NUCLEI AND DENSE MATTER. , 2009, , .		0
700	BINDING OF HYPERNUCLEI, AND PHOTOPRODUCTION OF Λ -HYPERNUCLEI IN THE LATEST QUARK-MESON COUPLING MODEL. , 2009, , .		0
701	WHAT WE KNOW AND DON'T KNOW ABOUT THE ORIGIN OF THE SPIN OF THE PROTON. , 2010, , .		0
702	A Study of Structure Functions for the Bag Beyond Leading Order. Progress of Theoretical Physics Supplement, 2013, 120, 145-156.	0.2	0

#	ARTICLE	IF	CITATIONS
703	The Quark Structure of Matter. Progress of Theoretical Physics Supplement, 2013, 91, 204-234.	0.2	0
704	Application of Three-Body Techniques to Pion-Nucleus Scattering. , 1978, , 667-738.		0
705	PION-NUCLEUS SCATTERING THEORY. , 1982, , 401c-414c.		0
706	Is QCD Relevant to Nuclear Physics. , 1985, , 333-352.		0
707	Anti-neutrino Cross Sections for Neon and Deuterium. Australian Journal of Physics, 1987, 40, 601.	0.6	0
708	Chiral Quark/Parton Models: The Way QCD is Realized?. , 1989, , 47-69.		0
709	The Spin Structure of the Neutron and Proton. , 1991, , 440-443.		0
710	Theoretical Description of Nucleon Structure Functions. Few-Body Systems, 1992, , 338-349.	0.2	0
711	Confronting the Infinite. , 1995, , .		0
712	Structure Functions of the Nucleon in a Covariant Scalar Spectator Model. Australian Journal of Physics, 1997, 50, 173.	0.6	0
713	Progress in resolving charge symmetry violation in nucleon structure. , 2014, , .		0
714	Dark Energy Density in SUGRA Models and Degenerate Vacua. , 2018, , .		0
715	Exploring the latest quark-meson coupling model for finite nuclei. Journal of Physics: Conference Series, 2020, 1643, 012161.	0.3	0
716	An important contribution to $\bar{K}N$ scattering in the resonance region. , 1978, , 216-218.		0
717	The Nucleon Mass in Chiral Effective Field Theory. , 2005, , 113-120.		0
718	Nucleon sigma term and quark condensate in nuclear matter. , 2007, , 283-286.		0
719	Contributions to neutron star's tidal deformability from the low density equation of state. , 2022, , .		0