Anthony G. Williams

List of Publications by Year
in descending order

192	6,487	57758 44	79698 73
papers	citations	h-index	g-index

196	196	196	4649
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Constraints on the dark photon from deep inelastic scattering. Physical Review D, 2022, 105, .	4.7	11
2	Sensitivity of Parity-Violating Electron Scattering to a Dark Photon. Physical Review Letters, 2022, 129, .	7.8	11
3	On the direct detection of multi-component dark matter: implications of the relic abundance. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 008-008.	5.4	14
4	Exploring fine-tuning of the Next-to-Minimal Composite Higgs Model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
5	Global analyses of Higgs portal singlet dark matter models using GAMBIT. European Physical Journal C, 2019, 79, 38.	3.9	85
6	The SABRE project and the SABRE Proof-of-Principle. European Physical Journal C, 2019, 79, 1.	3.9	73
7	Gravitational waves and electroweak baryogenesis in a global study of the extended scalar singlet model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	63
8	Monte Carlo simulation of the SABRE PoP background. Astroparticle Physics, 2019, 106, 1-9.	4.3	26
9	Time-dependent rate of multicomponent dark matter: Reproducing the DAMA/LIBRA phase-2 results. Physical Review D, 2018, 98, .	4.7	18
10	Effect of a light sterile neutrino at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>NO</mml:mi><mml:mi>Î½</mml:mi><mml:mi mathvariant="normal">A</mml:mi></mml:mrow></mml:math> and DUNE. Physical Review D, 2018, 98, .	4.7	16
11	Synchronization of relativistic particles in the hyperbolic Kuramoto model. Chaos, 2018, 28, 053116.	2.5	13
12	Triple top signal as a probe of charged Higgs in a 2HDM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 603-607.	4.1	5
13	Exploring a heavy charged Higgs using jet substructure in a fully hadronic channel. Nuclear Physics B, 2017, 917, 19-30.	2.5	10
14	Effect of electromagnetic dipole dark matter on energy transport in the solar interior. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 029-029.	5.4	15
15	Study of parameter degeneracy and hierarchy sensitivity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>NO</mml:mi><mml:mi>Î½</mml:mi><mml:mi mathvariant="normal">A</mml:mi></mml:mrow></mml:math> in presence of sterile neutrino. Physical Review D, 2017, 96, .	4.7	13
16	Constraining fine tuning in composite Higgs models with partially composite leptons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
17	Gravitational wave, collider and dark matter signals from a scalar singlet electroweak baryogenesis. Journal of High Energy Physics, 2017, 2017, 1.	4.7	118
18	On the direct detection of multi-component dark matter: sensitivity studies and parameter estimation. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 021-021.	5.4	30

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19	Triple-gluon and quark-gluon vertex from lattice QCD in Landau gauge. , 2017, , .		17
20	EXOTIC HIGGS DECAYS IN U(1) EXTENSIONS OF THE MSSM. , 2017, , 487-490.		3
21	E 6 inspired SUSY benchmarks, dark matter relic density and a 125 GeV Higgs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 19-25.	4.1	36
22	Tau reconstruction methods at an electron-positron collider in the search for new physics. Physical Review D, 2016, 93, .	4.7	2
23	Combined analysis of effective Higgs portal dark matter models. Physical Review D, 2016, 93, .	4.7	57
24	Gamma rays from muons from WIMPs: Implementation of radiative muon decays for dark matter analyses. Physical Review D, 2016, 93, .	4.7	7
25	Two-color QCD at high density. AIP Conference Proceedings, 2016, , .	0.4	8
26	Boosting the charged Higgs search prospects using jet substructure at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
27	Dark matter in a constrained E 6 inspired SUSY model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	26
28	Investigating light NMSSM pseudoscalar states with boosted ditau tagging. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
29	Lattice Landau Gauge Quark Propagator and the Quark–Gluon Vertex. Acta Physica Polonica B, Proceedings Supplement, 2016, 9, 363.	0.1	15
30	Gluonic profile of the static baryon at finite temperature. Physical Review D, 2015, 91, .	4.7	6
31	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math>mass limits and the naturalness of supersymmetry. Physical Review D, 2015, 91, .	4.7	16
32	LUX likelihood and limits on spin-independent and spin-dependent WIMP couplings with LUXCalc. Physical Review D, 2015, 92, .	4.7	22
33	NMSSM explanations of the Galactic center gamma ray excess and promising LHC searches. Physical Review D, 2015, 91, .	4.7	25
34	Spin glass behavior of the antiferromagnetic Heisenberg model on scale free network. Journal of Physics: Conference Series, 2015, 640, 012005.	0.4	1
35	Non-standard higgs decays in U(1) extensions of the MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	29
36	Dynamical mass generation in unquenched QED using the Dyson-Schwinger equations. Physical Review D, 2015, 91, .	4.7	20

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37	Searching for low-lying multi-particle thresholds in lattice spectroscopy. Annals of Physics, 2014, 342, 270-282.	2.8	12
38	Next-to-minimal SOFTSUSY. Computer Physics Communications, 2014, 185, 2322-2339.	7.5	79
39	Structure and flow of the nucleon eigenstates in lattice QCD. Physical Review D, 2013, 87, .	4.7	38
40	Strongly-coupled unquenched<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>QED</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>propagators using Schwinger-Dyson equations. Physical Review D, 2013, 88, .	4.7	8
41	Low-lying odd-parity states of the nucleon in lattice QCD. Physical Review D, 2013, 87, .	4.7	30
42	Nucleon excitations in 2+1 flavor QCD. , 2012, , .		2
43	Exploring excited states of the nucleon in 2+1 flavor lattice QCD. , 2012, , .		1
44	Bosonic stringlike behavior and the ultraviolet filtering of QCD. Physical Review D, 2012, 85, .	4.7	11
45	Roper resonance in <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	53
46	Role of center vortices in chiral symmetry breaking in SU(3) gauge theory. Physical Review D, 2011, 84, .	4.7	35
47	On the ground state of Yangâ€“Mills theory. Annals of Physics, 2011, 326, 2165-2173.	2.8	5
48	Roper Resonance in 2+1 Flavor QCD. , 2011, , .		1
49	Non-perturbative QED Analysis with Schwinger-Dyson Equations. , 2011, , .		1
50	The Thermal Delocalization of the Flux Tubes in Mesons and Baryons. AIP Conference Proceedings, 2011, , .	0.4	7
51	Ordering of spin- excitations of the nucleon in lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 351-357.	4.1	22
52	Advanced studies of non-perturbative QED. , 2010, , .		0
53	Positive-parity excited states of the nucleon in quenched lattice QCD. Physical Review D, 2010, 82, .	4.7	18
54	String effects and the distribution of the glue in static mesons at finite temperature. Physical Review D, 2010, 82, .	4.7	16

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55	Phase transition from quark-meson coupling hyperonic matter to deconfined quark matter. Physical Review C, 2009, 79, .	2.9	18
56	Isolating excited states of the nucleon in lattice QCD. Physical Review D, 2009, 80, .	4.7	27
57	Isolating the Roper resonance in lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 418-422.	4.1	17
58	Electromagnetic structure of decuplet baryons towards the chiral regime. Physical Review D, 2009, 80, .	4.7	46
59	Stout-link smearing in lattice fermion actions. Physical Review D, 2009, 80, .	4.7	3
60	Center vortices and the quark propagator in SU(2) gauge theory. Physical Review D, 2008, 78, .	4.7	22
61	Decontracted double BRST symmetry on the lattice. Physical Review D, 2008, 78, .	4.7	35
62	Scaling analysis of fat-link irrelevant clover fermion actions. Physical Review D, 2008, 77, .	4.7	2
63	SOME RECENT LATTICE QCD RESULTS FROM THE CSSM. International Journal of Modern Physics A, 2007, 22, 5053-5061.	1.5	2
64	Phase transition from hadronic matter to quark matter. Physical Review C, 2007, 75, .	2.9	13
65	Pseudoscalar and vector meson form factors from lattice QCD. Physical Review D, 2007, 75, .	4.7	64
66	Extended Double Lattice BRST, Curci-Ferrari Mass and the Neuberger Problem. AIP Conference Proceedings, 2007, , .	0.4	7
67	Unquenching effects in the quark and gluon propagator. Physical Review D, 2007, 76, .	4.7	45
68	Scaling behavior and positivity violation of the gluon propagator in full QCD. Physical Review D, 2007, 76, .	4.7	127
69	Gluon flux-tube distribution and linear confinement in baryons. Physical Review D, 2007, 76, .	4.7	57
70	Even parity excitations of the nucleon in lattice QCD. Physical Review D, 2007, 76, .	4.7	15
71	Quarkâ€“gluon vertex in general kinematics. European Physical Journal C, 2007, 50, 871-875.	3.9	48
72	Scaling behavior of the quark propagator in full QCD. Physical Review D, 2006, 73, .	4.7	94

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73	Precision electromagnetic structure of octet baryons in the chiral regime. Physical Review D, 2006, 74, .	4.7	69
74	Effects of dynamical FLIC fermions in the quark and gluon propagator. Nuclear Physics, Section B, Proceedings Supplements, 2006, 161, 109-115.	0.4	2
75	Lattice QCD Studies of Pentaquarks and Exotics. Nuclear Physics, Section B, Proceedings Supplements, 2006, 153, 348-353.	0.4	2
76	QCD propagators: some results from the lattice. Nuclear Physics, Section B, Proceedings Supplements, 2006, 161, 27-33.	0.4	5
77	Some recent research highlights from the CSSM. Nuclear Physics, Section B, Proceedings Supplements, 2006, 161, 248-255.	0.4	0
78	Role of centre vortices in dynamical mass generation. Nuclear Physics, Section B, Proceedings Supplements, 2006, 161, 130-135.	0.4	13
79	Effects of dynamical sea-quarks on quark and gluon propagators. AIP Conference Proceedings, 2006, , .	0.4	5
80	Strange Electric Form Factor of the Proton. Physical Review Letters, 2006, 97, 022001.	7.8	89
81	Spin-glass behavior of the antiferromagnetic Ising model on a scale-free network. Physical Review B, 2006, 73, .	3.2	20
82	Scale-free networks in complex systems. , 2005, , .		0
83	Properties of the FLIC overlap quark propagator. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 217-222.	0.4	0
84	Curciâ€“Ferrari mass and the Neuberger problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 424-429.	4.1	15
85	Improved chiral properties of FLIC fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 196-202.	4.1	17
86	Landau gauge Jacobian and BRST symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 628, 176-182.	4.1	5
87	Liquidâ€“gas phase transition and Coulomb instability of asymmetric nuclear systems. Nuclear Physics A, 2005, 748, 226-240.	1.5	19
88	Overlap quark propagator in Landau and Laplacian gauges. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 15-21.	0.4	4
89	Gluon field distribution in baryons. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 22-25.	0.4	21
90	Chiral SU(3) quark mean-field model for hadronic systems. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 273-278.	0.4	0

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91	Systematic uncertainties in the precise determination of the strangeness magnetic moment of the nucleon. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 287-294.	0.4	0
92	Systematic uncertainties in the precise determination of the strangeness magnetic moment of the nucleon. European Physical Journal A, 2005, 24, 79-84.	2.5	22
93	FLIC Mesons: hybrids and exotics. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 43-46.	0.4	0
94	Quarkâ€“gluon vertex in arbitrary kinematics. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 244-249.	0.4	29
95	The Hamiltonian limit of (3+1)D SU(3) lattice gauge theory. Nuclear Physics, Section B, Proceedings Supplements, 2005, 141, 253-258.	0.4	0
96	Nonperturbative renormalization of composite operators with overlap fermions. Physical Review D, 2005, 72, .	4.7	13
97	Neutron stars and strange stars in the chiral SU(3) quark mean field model. Physical Review C, 2005, 72, .	2.9	18
98	Unquenched quark propagator in Landau gauge. Physical Review D, 2005, 71, .	4.7	168
99	1â^’+exotic meson at light quark masses. Physical Review D, 2005, 72, .	4.7	40
100	Precise Determination of the Strangeness Magnetic Moment of the Nucleon. Physical Review Letters, 2005, 94, 212001.	7.8	133
101	Search for the pentaquark resonance signature in lattice QCD. Physical Review D, 2005, 72, .	4.7	23
102	Spin-32pentaquark resonance signature in lattice QCD. Physical Review D, 2005, 72, .	4.7	18
103	Scaling of fat-link irrelevant-clover fermions. Physical Review D, 2005, 71, .	4.7	33
104	Fat link irrelevant clover overlap quark propagator. Physical Review D, 2005, 71, .	4.7	11
105	Quark propagator in Landau and Laplacian gauges with overlap fermions. Physical Review D, 2005, 71, .	4.7	33
106	Liquid-gas phase transition in nuclear matter including strangeness. Physical Review C, 2004, 70, .	2.9	15
107	Hybrid Monte Carlo algorithm with fat link fermion actions. Physical Review D, 2004, 70, .	4.7	28
108	Scaling behavior of the overlap quark propagator in the Landau gauge. Physical Review D, 2004, 70, .	4.7	24

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109	Hamiltonian limit of (3+1)-dimensional SU(3) lattice gauge theory on anisotropic lattices. Physical Review D, 2004, 69, .	4.7	9
110	Infrared and ultraviolet properties of the Landau gauge quark propagator. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 23-29.	0.4	37
111	Electromagnetic form factors with FLIC fermions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 233-239.	0.4	11
112	Topological charge evolution in the Markov chain of QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 187-191.	4.1	6
113	Dynamical fat link fermions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 96-99.	0.4	2
114	Looking inside the quark-gluon vertex. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 117-124.	0.4	3
115	The strangeness magnetic moment of the nucleon from FLIC fermions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 132-140.	0.4	1
116	Hybrid meson spectrum from the FLIC action. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 221-226.	0.4	4
117	Nonperturbative renormalisation of composite operators with overlap quarks. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 240-247.	0.4	10
118	Observing chiral nonanalytic behavior with FLIC fermions. Nuclear Physics A, 2004, 737, 177-181.	1.5	5
119	New treatment of the chiral quark mean field model. Nuclear Physics A, 2004, 744, 273-292.	1.5	16
120	Comparison of |Q|=1 and |Q|=2 gauge-field configurations on the lattice four-torus. Annals of Physics, 2004, 311, 267-287.	2.8	8
121	Unquenched gluon propagator in Landau gauge. Physical Review D, 2004, 70, .	4.7	129
122	FLIC fermions and hadron phenomenology. European Physical Journal A, 2003, 18, 247-252.	2.5	11
123	Highly improved lattice field-strength tensor. Annals of Physics, 2003, 304, 1-21.	2.8	78
124	Modelling the quark propagator. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 323-325.	0.4	58
125	Light quark simulations with FLIC fermions. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 290-292.	0.4	0
126	Excited baryons from the FLIC fermion action. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 293-295.	0.4	3

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127	Spin-3/2 baryons in lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 299-301.	0.4	1
128	FLIC overlap fermions. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 825-827.	0.4	0
129	Towards the continuum limit of the overlap quark propagator in Landau gauge. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 831-833.	0.4	7
130	FLIC-overlap fermions and topology. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 828-830.	0.4	2
131	Excited baryons in lattice QCD. Physical Review D, 2003, 67, .	4.7	85
132	Spin-3/2 nucleon andÎ”baryons in lattice QCD. Physical Review D, 2003, 68, .	4.7	45
133	Accelerated overlap fermions. Physical Review D, 2002, 66, .	4.7	32
134	Gluon propagator on coarse lattices in Laplacian gauges. Physical Review D, 2002, 66, .	4.7	23
135	Hadron masses from novel fat-link fermion actions. Physical Review D, 2002, 65, .	4.7	90
136	Improved smoothing algorithms for lattice gauge theory. Physical Review D, 2002, 65, .	4.7	26
137	Numerical study of the lattice index theorem using improved cooling and overlap fermions. Physical Review D, 2002, 65, .	4.7	13
138	Overlap quark propagator in the Landau gauge. Physical Review D, 2002, 65, .	4.7	53
139	Regularization-independent study of renormalized nonperturbative quenched QED. Physical Review D, 2002, 65, .	4.7	9
140	Low-lying eigenmodes of the Wilsonâ€“Dirac operator and correlations with topological objects. Nuclear Physics B, 2002, 628, 253-269.	2.5	10
141	Lattice quark propagator in Landau and Laplacian gauges. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 820-822.	0.4	10
142	Quark-gluon vertex in a momentum subtraction scheme. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 841-843.	0.4	14
143	Regularization-independent studies of nonperturbative field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 261-269.	4.1	14
144	General Algorithm for Improved Lattice Actions on Parallel Computing Architectures. Journal of Computational Physics, 2001, 170, 1-17.	3.8	34

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145	Infinite volume and continuum limits of the Landau-gauge gluon propagator. Physical Review D, 2001, 64, .	4.7	145
146	Nonperturbative improvement and tree-level correction of the quark propagator. Physical Review D, 2001, 64, .	4.7	54
147	Heavy quark distribution functions in heavy baryons. Physical Review D, 2001, 64, .	4.7	9
148	Infrared behavior of the gluon propagator on a large volume lattice. Physical Review D, 2000, 62, .	4.7	90
149	Calibration of smearing and cooling algorithms in SU(3)-color gauge theory. Physical Review D, 2000, 62, .	4.7	31
150	Bethe-Salpeter equation for heavy baryonsÏ‰Q(*)in the diquark picture. Physical Review D, 1999, 59, .	4.7	37
151	Electromagnetic form factors of the bound nucleon. Physical Review C, 1999, 60, .	2.9	78
152	Lattice Study of the Kink Soliton and the Zero-mode Problem for ø 4 in Two Dimensions. Australian Journal of Physics, 1999, 52, 929.	0.6	11
153	On extracting the Ï±-Ï‰ mixing amplitude from the pion form-factor. Nuclear Physics A, 1998, 629, 464-470.	1.5	2
154	Medium dependence of the bag constant in the quark-meson coupling model. Nuclear Physics A, 1998, 634, 443-462.	1.5	41
155	Gluon propagator in the infrared region. Physical Review D, 1998, 58, .	4.7	86
156	Electromagnetic form factors of the nucleon in an improved quark model. Physical Review C, 1998, 57, 2628-2637.	2.9	80
157	Chiral bag model approach toÎ”electroproduction. Physical Review C, 1997, 55, 3108-3114.	2.9	67
158	Deep-inelastic structure functions in a covariant spectator model. Physical Review D, 1997, 55, 5299-5308.	4.7	17
159	Extracting the Ï±-Ï‰ mixing amplitude from the pion form-factor. Nuclear Physics A, 1997, 623, 559-569.	1.5	36
160	Rho-omega mixing, vector meson dominance and the pion form-factor. Progress in Particle and Nuclear Physics, 1997, 39, 201-252.	14.4	167
161	Structure Functions of the Nucleon in a Covariant Scalar Spectator Model. Australian Journal of Physics, 1997, 50, 173.	0.6	0
162	Chiral symmetry breaking in strongly coupled quenched QED4 using the Dyson-Schwinger equation formalism. Nuclear Physics, Section B, Proceedings Supplements, 1996, 47, 691-694.	0.4	1

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163	Rho-omega mixing and the pion electromagnetic form-factor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 14-19.	4.1	49
164	Chiral symmetry breaking in quenched massive strong-coupling four-dimensional QED. Physical Review D, 1995, 51, 3081-3089.	4.7	20
165	Solving the Bethe-Salpeter equation for scalar theories in Minkowski space. Physical Review D, 1995, 51, 7026-7039.	4.7	67
166	Medium modifications to the Ï‰-meson mass in the Walecka model. Physical Review C, 1994, 49, 1981-1988.	2.9	94
167	Relativistic quark-antiquark bound-state problem with spin-dependent interactions in momentum space. Physical Review D, 1994, 50, 5873-5877.	4.7	8
168	Dynamical chiral symmetry breaking and confinement with an infrared-vanishing gluon propagator?. Physical Review D, 1994, 49, 4683-4693.	4.7	65
169	Constraints on the momentum dependence of rho-omega mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 1-5.	4.1	64
170	Dyson-Schwinger equations and their application to hadronic physics. Progress in Particle and Nuclear Physics, 1994, 33, 477-575.	14.4	932
171	Model analysis of the nonleading twist contributions to the pion electromagnetic form factor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 87-94.	4.1	6
172	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.	4.1	54
173	Covariant model of a fermion-antifermion bound state with harmonic confinement. Physical Review D, 1993, 47, 1175-1181.	4.7	4
174	Momentum dependence of the Ï•Ï‰ mixing amplitude in a hadronic model. Physical Review C, 1993, 47, R2462-R2466.	2.9	64
175	Phi production as a measure of the strangeness content of the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 178-184.	4.1	32
176	Singularity structure of a model quark propagator. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 285, 347-353.	4.1	89
177	The chromodielectric model. Nuclear Physics A, 1991, 523, 548-562.	1.5	17
178	Proper vertex in studies of dynamical chiral symmetry breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 271-278.	4.1	17
179	Measuring strangeness matrix elements of the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 269, 31-34.	4.1	24
180	Modelling the quark propagator. Annals of Physics, 1991, 210, 464-485.	2.8	52

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181	Dynamical chiral-symmetry breaking in dual QCD. Physical Review D, 1991, 43, 3541-3549.	4.7	4
182	Self-consistent one-gluon exchange in soliton bag models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 210, 10-14.	4.1	18
183	Dynamical chiral symmetry breaking in quantum chromodynamics with confinement and asymptotic freedom. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 145-150.	4.1	23
184	Confinement, chiral symmetry breaking, and the pion in a chromo-dielectric model of quantum chromodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 212, 362-368.	4.1	24
185	Chiral nontopological solitons with perturbative quantum pions. Physical Review D, 1988, 37, 1971-1981.	4.7	20
186	Model dependence of charge-symmetry breaking in the neutron-proton interaction. Physical Review C, 1988, 38, 779-786.	2.9	21
187	Charge-symmetry breaking in neutron-proton elastic scattering. Physical Review C, 1987, 36, 1956-1967.	2.9	45
188	Numerical study of a confining color-dielectric soliton model. Physical Review D, 1987, 35, 1040-1049.	4.7	17
189	The colour-dielectric model: Numerical solutions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 176, 158-162.	4.1	22
190	Color-dielectric model as an explanation of the Nolen-Schiffer anomaly. Physical Review C, 1986, 33, 1070-1078.	2.9	20
191	Charge-Symmetry Breaking in Neutron-Proton Elastic Scattering. Physical Review Letters, 1986, 56, 2567-2570.	7.8	66
192	Constraints on the colour dielectric model of the nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 154, 320-323.	4.1	16