

Chueng-Ryong Ji

List of Publications by Year in descending order

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196
papers

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citations

136950

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196
all docs

196
docs citations

196
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	Glueball Spectroscopy in a Relativistic Many-Body Approach to Hadronic Structure. Physical Review Letters, 1996, 76, 2011-2014.	7.8	141
2	Mixing angles and electromagnetic properties of ground state pseudoscalar and vector meson nonets in the light-cone quark model. Physical Review D, 1999, 59, .	4.7	127
3	Quantum Chromodynamic Predictions for the Deuteron Form Factor. Physical Review Letters, 1983, 51, 83-86.	7.8	115
4	First Monte-Carlo Global QCD Analysis of Pion Parton Distributions. Physical Review Letters, 2018, 121, 152001.	7.8	114
5	Hyperon electroproduction in a crossing and duality constrained model. Physical Review C, 1992, 46, 1617-1635.	2.9	110
6	Distribution amplitudes and decay constants for $(\bar{1}\epsilon, K, \bar{1}\bar{K}^*)$ mesons in the light-front quark model. Physical Review D, 2007, 75, .	4.7	83
7	Optimal renormalization scale and scheme for exclusive processes. Physical Review D, 1998, 57, 245-252.	4.7	78
8	Light-cone quark-model axial-vector-meson wave function. Physical Review D, 1992, 45, 4214-4220.	4.7	71
9	Light-front quark model analysis of exclusive $O\hat{a}^{\sim}\hat{a}^{\sim}$ semileptonic heavy meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 461-466.	4.1	70
10	Exclusive Production of Higher-Generation Hadrons and Form-Factor Zeros in Quantum Chromodynamics. Physical Review Letters, 1985, 55, 2257-2260.	7.8	68
11	Regularizing the divergent structure of light-front currents. Physical Review D, 2001, 63, .	4.7	63
12	Electromagnetic structure of the $\bar{1}$ meson in the light-front quark model. Physical Review D, 2004, 70, .	4.7	63
13	The vector meson form factor analysis in light-front dynamics. Physical Review D, 2002, 65, .	4.7	61
14	General theory of quantum field mixing. Physical Review D, 2002, 65, .	4.7	59
15	Nonvanishing zero modes in the light-front current. Physical Review D, 1998, 58, .	4.7	58
16	Semileptonic and radiative decays of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{meson}$ in the light-front quark model. Physical Review D, 2009, 80, .	4.7	56
17	Evolution equation and relativistic bound-state wave functions for scalar-field models in four and six dimensions. Physical Review D, 1985, 32, 1530-1538.	4.7	45
18	Leading-order perturbative QCD calculation of nucleon Dirac form factors. Physical Review D, 1987, 36, 165-175.	4.7	45

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19	Perturbative quantum chromodynamic prediction for the heavy quark fragmentation function. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 195, 593-598.	4.1	44
20	Transition form factors between pseudoscalar and vector mesons in light-front dynamics. Physical Review D, 2003, 67, .	4.7	44
21	Phenomenology of flavor oscillations with non-perturbative effects from quantum field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 594, 135-140.	4.1	41
22	Kaon electroweak form factors in the light-front quark model. Physical Review D, 1998, 59, .	4.7	39
23	Simple relativistic quark-model analysis of flavored pseudoscalar mesons. Physical Review D, 1990, 41, 2319-2322.	4.7	38
24	Light-cone quark model predictions for radiative meson decays. Nuclear Physics A, 1997, 618, 291-316.	1.5	38
25	Factorization property of the deuteron. Physical Review D, 1986, 33, 2653-2659.	4.7	37
26	$\frac{d}{dx} \int_0^x u(x) dx$	7.8	37
27	Asymmetry in the Pion momentum distributions in the nucleon in chiral effective theory. Physical Review D, 2013, 87, .	4.7	36
28	New effective treatment of the light-front nonvalence contribution in timelike exclusive processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 513, 330-336.	4.1	34
29	Skewed quark distribution of the pion in the light-front quark model. Physical Review D, 2001, 64, .	4.7	34
30	Pion structure function from leading neutron electroproduction and SU(2) flavor asymmetry. Physical Review D, 2016, 93, .	4.7	34
31	Nonperturbative vacuum effect in the quantum field theory of meson mixing. Physical Review D, 2001, 64, .	4.7	33
32	Global QCD Analysis of Pion Parton Distributions with Threshold Resummation. Physical Review Letters, 2021, 127, 232001.	7.8	33
33	Relations among the light-cone quark models with the invariant meson mass scheme and the model prediction of the $\hat{\alpha}^{\prime} \hat{\alpha}^2$ mixing angle. Physical Review D, 1997, 56, 6010-6013.	4.7	32
34	Quantum field theory of meson mixing. Physical Review D, 1999, 60, .	4.7	32
35	Light-front quark model analysis of rare $B \rightarrow K^* l \bar{l} \nu$ decays. Physical Review D, 2002, 65, .	4.7	32
36	Restoring the equivalence between the light-front and manifestly covariant formalisms. Physical Review D, 2005, 72, .	4.7	32

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37	Nonleptonic two-body decays of the B_c meson in the light-front quark model and the QCD factorization approach. Physical Review D, 2009, 80, .	4.7	31
38	Self-consistent covariant description of vector meson decay constants and chirality-even quark-antiquark distribution amplitudes up to twist 3 in the light-front quark model. Physical Review D, 2014, 89, .	4.7	31
39	Perturbative QCD predictions for inclusive production of heavy mesons in e^+e^- annihilation. Physical Review D, 1987, 35, 3318-3325.	4.7	30
40	Variational analysis of mass spectra and decay constants for ground state pseudoscalar and vector mesons in the light-front quark model. Physical Review C, 2015, 92, .	2.9	30
41	Generalized relativistic meson wave function. Physical Review D, 1994, 49, 3466-3473.	4.7	29
42	The self-energy corrections to the light-cone two-body equation in \tilde{A}_3 -theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 389-396.	4.1	28
43	Angular conditions, relations between the Breit and light-front frames, and subleading power corrections. Physical Review D, 2003, 67, .	4.7	28
44	Perturbative QCD analysis of exclusive J/ψ production in e^+e^- annihilation. Physical Review D, 2007, 76, .	4.7	28
45	Higher Fock-state contributions to the generalized parton distribution of pion. Physical Review D, 2006, 73, .	4.7	27
46	Consistency of the light-front quark model with chiral symmetry in the pseudoscalar meson analysis. Physical Review D, 2015, 91, .	4.7	27
47	Light-front view of the axial anomaly. Physical Review D, 1996, 53, 5815-5820.	4.7	26
48	K_1 transition form factors. Physical Review D, 2001, 64, .	4.7	26
49	Light-front zero-mode contribution to the good current in weak transitions. Physical Review D, 2005, 72, .	4.7	24
50	Strange-quark asymmetry in the proton in chiral effective theory. Physical Review D, 2016, 94, .	4.7	24
51	Disentangling intertwined embedded states and spin effects in light-front quantization. Physical Review D, 2000, 62, .	4.7	23
52	Renormalized effective QCD Hamiltonian: Gluonic sector. Physical Review D, 1999, 59, .	4.7	22
53	Poincaré invariant algebra from instant to light-front quantization. Physical Review D, 2001, 64, .	4.7	22
54	Radiative scalar meson decay in the light-front quark model. Physical Review D, 2003, 68, .	4.7	22

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55	Conformal symmetry and pion form factor: Soft and hard contributions. <i>Physical Review D</i> , 2006, 74, .	4.7	22
56	ON FLAVOR CONSERVATION IN WEAK INTERACTION DECAYS INVOLVING MIXED NEUTRINOS. <i>International Journal of Modern Physics A</i> , 2010, 25, 4179-4194.	1.5	22
57	Anatomy of relativistic pion loop corrections to the electromagnetic nucleon coupling. <i>Physical Review D</i> , 2013, 88, .	4.7	22
58	Coupled channel analysis of S-wave $\pi\pi$ and $K\bar{K}^*$ photoproduction. <i>Physical Review C</i> , 1998, 58, 1205-1217.	2.9	21
59	Light-front zero-mode contribution to the tensor form factors for the exclusive rare $\pi^0 \rightarrow \gamma^* \rightarrow \pi^0 \gamma$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 518-522.	4.7	21
60	Interpolating scattering amplitudes between the instant form and the front form of relativistic dynamics. <i>Physical Review D</i> , 2013, 87, .	4.7	21
61	Frame dependence of spin-one angular conditions in light front dynamics. <i>Physical Review D</i> , 2002, 65, .	4.7	20
62	Spacelike and timelike form factors for the $\pi^0 \rightarrow \gamma^* \rightarrow \pi^0 \gamma$ decays. <i>Physical Review D</i> , 2017, 96, .	4.7	20
63	Quantum-chromodynamic evolution of six-quark states. <i>Physical Review D</i> , 1986, 34, 1460-1473.	4.7	19
64	Calculation of scattering with the light-cone two-body equation in \ddot{T}^3 theories. <i>Physical Review D</i> , 1992, 46, 3565-3575.	4.7	19
65	Pion form factor and quark mass evolution in a light-front Bethe-Salpeter model. <i>Physical Review D</i> , 2001, 63, .	4.7	19
66	Electromagnetic gauge field interpolation between the instant form and the front form of the Hamiltonian dynamics. <i>Physical Review D</i> , 2015, 91, .	4.7	19
67	Constraints on the $\pi^0 \rightarrow \gamma^* \rightarrow \pi^0 \gamma$ 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.	4.1	19
68	Two-particle twist-3 distribution amplitudes of the pion and kaon in the light-front quark model. <i>Physical Review D</i> , 2017, 95, .	4.7	19
69	Bound state spectrum from the light-cone two-body equation in \ddot{T}^3 -theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 167, 11-15.	4.1	18
70	Light-cone quark model analysis of radially excited pseudoscalar and vector mesons. <i>Physical Review D</i> , 1999, 60, .	4.7	18
71	Continuity of generalized parton distributions for the pion virtual Compton scattering. <i>Physical Review D</i> , 2002, 66, .	4.7	18
72	CONCEPTUAL ISSUES CONCERNING GENERALIZED PARTON DISTRIBUTIONS. <i>International Journal of Modern Physics E</i> , 2013, 22, 1330002.	1.0	18

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73	Parton distributions from nonlocal chiral SU(3) effective theory: Splitting functions. Physical Review D, 2019, 99, .	4.7	18
74	Consistent analysis of $O(\hat{1}\pm s)$ corrections to the pion elastic form factor. Physical Review D, 1998, 57, 2813-2822.	4.7	17
75	Equivalence of pion loops in equal-time and light-front dynamics. Physical Review D, 2009, 80, .	4.7	17
76	Crossing constraints for hyperon reactions. Physical Review C, 1988, 38, 2691-2699.	2.9	16
77	Light-front dynamic analysis of transition form factors in the process of. Nuclear Physics A, 2011, 856, 95-111.	1.5	15
78	Evolution of relativistic multiquark systems. Physical Review D, 1986, 33, 1406-1414.	4.7	14
79	Light-cone view on the applicability of perturbative QCD for exclusive processes. Physical Review D, 1995, 52, 4038-4041.	4.7	14
80	Exploring the time-like region for the elastic form factor in the light-front quantization. Nuclear Physics A, 2001, 679, 735-750.	1.5	14
81	Interpolating helicity spinors between the instant form and the light-front form. Physical Review D, 2015, 92, .	4.7	14
82	Parton distributions from nonlocal chiral SU(3) effective theory: Flavor asymmetries. Physical Review D, 2019, 100, .	4.7	14
83	Investigating the parity of the exotic $\check{\gamma}$ -baryon from kaon photoproduction. Physical Review C, 2004, 70, .	2.9	13
84	Conformal symmetry and pion form factor: Space- and timelike region. Physical Review D, 2008, 77, .	4.7	13
85	Comment on "Taming the Pion Cloud of the Nucleon". Physical Review Letters, 2013, 110, 179101.	7.8	13
86	Flow equations for gluodynamics in the Coulomb gauge. Physical Review D, 2000, 62, .	4.7	12
87	Time-to-space conversion in quantum field theory of flavor mixing. Annals of Physics, 2005, 315, 488-504.	2.8	11
88	Pauli-Villars regularization elucidated in Bopp-Podolsky's generalized electrodynamics. European Physical Journal C, 2019, 79, 1.	3.9	11
89	Manifestations of the vector anomaly in covariant and light-front calculations of the anomalous magnetic moment of W_{\pm} bosons. Physical Review D, 2005, 71, .	4.7	10
90	Real and virtual nucleon Compton scattering in the perturbative limit. Physical Review D, 2006, 73, .	4.7	10

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91	Box diagram in Yukawa theory. <i>Physical Review D</i> , 2007, 75, .	4.7	10
92	Twist-2 pseudoscalar and vector meson distribution amplitudes in light-front quark model with exponential-type confining potential. <i>Physical Review D</i> , 2019, 100, .	4.7	10
93	Perturbative QCD analysis of exclusive pair production of higher-generation nucleons. <i>Physical Review D</i> , 1986, 34, 3350-3353.	4.7	9
94	Quantization dependence in a constituent quark model. <i>Physical Review D</i> , 1995, 52, 5284-5294.	4.7	9
95	Frame independence of exclusive amplitudes in light-front quantization. <i>Physical Review D</i> , 2000, 62, .	4.7	9
96	Perturbative QCD and factorization of coherent pion photoproduction on the deuteron. <i>Physical Review C</i> , 2001, 64, .	2.9	9
97	Nuclear chromodynamics: Novel nuclear phenomena predicted by QCD. <i>Progress in Particle and Nuclear Physics</i> , 2014, 74, 1-34.	14.4	9
98	The ρ -meson time-like form factors in sub-leading pQCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 87-93.	4.1	9
99	B-physics phenomenology with emphasis on the light-cone. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 90, 93-99.	0.4	8
100	Spin filter in deeply virtual Compton scattering amplitudes. <i>Physical Review D</i> , 2011, 83, .	4.7	8
101	Light-Front Zero-Mode Issue on the Vector Meson Decay Constant. <i>Few-Body Systems</i> , 2014, 55, 435-440.	1.5	8
102	Mixing effects on $\langle \mathbf{1} S \mathbf{1} \rangle$ and $\langle \mathbf{2} S \mathbf{2} \rangle$ state heavy mesons in the light-front quark model. <i>Physical Review D</i> , 2022, 106, .	4.7	8
103	Analytic calculation of the bound state spectrum in the light-cone two-body equation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 167, 16-20.	4.1	7
104	QCD hamiltonian approach for the glueball spectrum. <i>Nuclear Physics A</i> , 1998, 631, 640-643.	1.5	7
105	Flow equations for quark-gluon interactions in light-front QCD. <i>Physical Review D</i> , 2000, 62, .	4.7	7
106	Light-front dynamic analysis of bound states in a scalar field model. <i>Physical Review D</i> , 2012, 86, .	4.7	7
107	Interpolating quantum electrodynamics between instant and front forms. <i>Physical Review D</i> , 2018, 98, .	4.7	7
108	Doubly virtual $\langle \mathbf{0} \hat{T} \mathbf{0} \rangle$ and $\langle \mathbf{0} \hat{T} \mathbf{3} \rangle$ state heavy mesons in the light-front quark model. <i>Physical Review D</i> , 2019, 99, .	4.7	7

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109	Applications of quantum chromodynamics to hadronic and nuclear interactions. Lecture Notes in Physics, 1986, , 153-245.	0.7	6
110	Color-suppression of non-planar diagrams in bosonic bound states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 207-211.	4.1	6
111	Systematic twist expansion of $\langle \mathbf{m} \mathbf{m} \rangle$. Physical Review D, 2010, 82, .	4.7	6
112	Interpolating $\hat{\epsilon}^{\text{TM}t}$ Hooft model between instant and front forms. Physical Review D, 2021, 104, .	4.7	6
113	Cooling modes of neutron stars. Physical Review D, 1998, 57, 5963-5969.	4.7	5
114	Extraction of Compton Form Factors in Scalar QED. Few-Body Systems, 2015, 56, 275-280.	1.5	5
115	Chiral anomaly and the pion properties in the light-front quark model. Physical Review D, 2020, 102, .	4.7	5
116	Strange quark helicity in the proton from chiral effective theory. Physical Review D, 2020, 102, .	4.7	5
117	Quantum-chromodynamic evolution of the baryon system. Physical Review D, 1986, 33, 1951-1960.	4.7	4
118	Possibility of determining the parity of the pentaquark $\hat{\Gamma}^+$ from photoproduction near threshold. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 387-405.	3.6	4
119	Zero-mode contribution in nucleon-delta transition. Physical Review D, 2007, 76, .	4.7	4
120	Treacherous Points in Deeply Virtual Compton Scattering. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 225-230.	0.4	4
121	Relativistic Covariance of Light-Front Few-Body Systems in Hadron Physics. Few-Body Systems, 2013, 54, 1633-1636.	1.5	4
122	Twist-3 Distribution Amplitudes of Pion in the Light-Front Quark Model. Few-Body Systems, 2017, 58, 1.	1.5	4
123	Bound-state problem in quantum field theory: Linear and nonlinear dynamics. Physical Review D, 1987, 36, 2506-2511.	4.7	3
124	Going beyond the peaking approximation in the PQCD analysis of exclusive heavy meson pair production. Physical Review D, 1997, 55, 1253-1256.	4.7	3
125	Molar mass estimate of dark matter from the dark mass distribution measurements. Physical Review D, 2003, 68, .	4.7	3
126	Vector Anomaly and Practicality of Light-Front Dynamics. Few-Body Systems, 2005, 36, 137-144.	1.5	3

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127	A NOVEL VARIATIONAL APPROACH FOR QUANTUM FIELD THEORY: EXAMPLE OF STUDY OF THE GROUND STATE AND PHASE TRANSITION IN NONLINEAR SIGMA MODEL. International Journal of Modern Physics A, 2005, 20, 3488-3494.	1.5	3
128	Perturbative QCD analysis of exclusive $e^+e^- \rightarrow D[s] + D[\bar{s}]$ cross section at $s = 10.6 \text{ GeV}$. Physical Review D, 2006, 73, .	4.7	3
129	Revealing treacherous points for successful light-front phenomenological applications. Nuclear Physics, Section B, Proceedings Supplements, 2006, 161, 102-108.	0.4	3
130	Light-front wavefunction dependence of quark recombination. Physical Review C, 2006, 73, .	2.9	3
131	Pion Loops in Chiral Perturbation Theory and Light-Front Dynamics. Few-Body Systems, 2012, 52, 421-426.	1.5	3
132	Light-Front Quark Model Phenomenology Consistent with Chiral Symmetry. EPJ Web of Conferences, 2016, 113, 05009.	0.3	3
133	Light-Front Quark Model Analysis of Meson-Photon Transition Form Factor. Few-Body Systems, 2016, 57, 497-501.	1.5	3
134	Interpolation Between the Instant Form and the Front Form of Relativistic Dynamics. Few-Body Systems, 2017, 58, 1.	1.5	3
135	Matter equation of state in general relativity. Physical Review D, 2017, 95, .	4.7	3
136	The Construction of Compton Tensors in Scalar QED. Few-Body Systems, 2017, 58, 1.	1.5	3
137	General Quantum Field Theory of Flavor Mixing and Oscillations. Universe, 2021, 7, 51.	2.5	3
138	Light-front dynamic analysis of the longitudinal charge density using the solvable scalar field model in ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle T_j \text{ ETQqO O O rgBT /Overlock 10 Tf 50 302 Td} (\text{display="inline"} > \dots$)	4.7	3
139	Helicity-dependent distribution of strange quarks in the proton from nonlocal chiral effective theory. Physical Review D, 2022, 105, .	4.7	3
140	Exclusive production of heavy mesons in e^+e^- annihilation. Physical Review D, 1988, 38, 776-781.	4.7	2
141	A Spinor Technique in Symbolic Feynman Diagram Calculation. Journal of Computational Physics, 1994, 115, 267-275.	3.8	2
142	Rotation average in light cone time-ordered perturbation theory. Physical Review D, 1998, 58, .	4.7	2
143	Renormalization-scale-invariant PQCD predictions for $R_{e^+e^-}$ and the Bjorken sum rule at next-to-leading order. Physical Review D, 2000, 61, .	4.7	2
144	Pion form factor and quark mass evolution in a light-front quark model. Nuclear Physics, Section B, Proceedings Supplements, 2002, 108, 310-312.	0.4	2

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145	Perspectives of light-front dynamics in few-body systems. Nuclear Physics A, 2004, 737, 255-259.	1.5	2
146	GPD Extraction from DVCS in LFD. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 16-25.	0.4	2
147	Light-Front Zero-Mode Issue for the Transition Form Factors Between Pseudoscalar and Vector Mesons. Few-Body Systems, 2012, 52, 409-414.	1.5	2
148	Kinematical Issues in the GPD Formulation of DVCS. Few-Body Systems, 2012, 52, 285-290.	1.5	2
149	Ideas of four-fermion operators in electromagnetic form factor calculations. Physical Review D, 2013, 87, .	4.7	2
150	A Study of Compton Form Factors in Scalar QED. Few-Body Systems, 2014, 55, 395-400.	1.5	2
151	Pion off-shell electromagnetic form factors: Data extraction and model analysis. Physical Review D, 2019, 100, .	4.7	2
152	Beam spin asymmetry in the electroproduction of a pseudoscalar meson or a scalar meson off the scalar target. Physical Review D, 2019, 99, .	4.7	2
153	The holographic paradigm of hadron dynamics for medium modified nuclear matters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135339.	4.1	2
154	Symbolic Feynman-Diagram Calculation. Computers in Physics, 1995, 9, 589.	0.5	1
155	HIGHER-FOCK STATES AND THE COVARIANCE OF THE LIGHT-FRONT QUARK MODEL. International Journal of Modern Physics A, 2001, 16, 357-359.	1.5	1
156	Rotation averaged dispersion relations in the light cone time-ordered perturbation theory. Physical Review D, 2001, 64, .	4.7	1
157	Semileptonic decays in the light-front quark model. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 240-245.	0.4	1
158	Issues in the GPD Formulation of DVCS. Few-Body Systems, 2011, 50, 363-365.	1.5	1
159	Light-Front Dynamics in Hadron Physics. Few-Body Systems, 2013, 54, 63-69.	1.5	1
160	LIGHT-CONE 2014: Theory and Experiment for Hadrons on the Light-Front. Few-Body Systems, 2015, 56, 241-242.	1.5	1
161	Interpolating Quantum Electrodynamics. Few-Body Systems, 2018, 59, 1.	1.5	1
162	Interpolating QCD2 between the instant and front forms of relativistic dynamics. AIP Conference Proceedings, 2020, , .	0.4	1

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163	Octet and decuplet baryon self-energies in relativistic SU(3) chiral effective theory. <i>Physical Review D</i> , 2021, 103, .	4.7	1
164	Semileptonic Decays of Pseudoscalar Mesons in the Light-Front Quark Model. <i>Few-Body Systems</i> , 1999, , 131-134.	0.2	1
165	Comment on "QCD fragmentation functions for B_c and B_c^* production". <i>Physical Review D</i> , 1998, 57, 7048-7049.	4.7	0
166	QCD, Lightcone Physics and Hadron Phenomenology. , 1998, , .		0
167	Exploring the timelike region of QCD exclusive processes in the relativistic quark model. , 1999, , .		0
168	Light-front QCD Hamiltonian dynamics and constituent quark picture in exclusive processes. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 108, 288-292.	0.4	0
169	Light-Front Quark-Model Analysis of the Rho-Meson Electromagnetic Form Factors. <i>Few-Body Systems</i> , 2005, 36, 61-67.	1.5	0
170	Scalar Mesons in the Light-Front Quark Model. <i>Few-Body Systems</i> , 2005, 36, 83-86.	1.5	0
171	Nucleon Compton Scattering in the Perturbative Limit. <i>Few-Body Systems</i> , 2005, 36, 237-240.	1.5	0
172	Exploring Properties of Dark and Visible Mass Distribution on Different Scales in the Universe. <i>International Journal of Modern Physics A</i> , 2005, 20, 3124-3127.	1.5	0
173	Instanton-inspired model of QCD phase transitions and bubble dynamics. <i>Physical Review D</i> , 2006, 73, .	4.7	0
174	New developments in treacherous points of light-front dynamics. <i>Nuclear Physics A</i> , 2007, 790, 583c-587c.	1.5	0
175	Equivalence of light-front and covariant approaches in meson-baryon interactions. , 2011, , .		0
176	Ideas of four-fermion operators in electromagnetic form factor calculations. <i>EPJ Web of Conferences</i> , 2014, 73, 06006.	0.3	0
177	Scattering Amplitudes Interpolating Between Instant Form and Front Form of Relativistic Dynamics. <i>Few-Body Systems</i> , 2014, 55, 425-434.	1.5	0
178	MODEL INDEPENDENT CONSTRAINTS ON HADRON FORM FACTORS AT LARGE Q^2 IN LIGHT-FRONT QCD. <i>International Journal of Modern Physics Conference Series</i> , 2014, 25, 1460047.	0.7	0
179	Self-Consistent Covariant Description of Twist-3 Distribution Amplitude of a Pseudoscalar Meson in the Light-Front Quark Model. <i>Few-Body Systems</i> , 2015, 56, 419-424.	1.5	0
180	SU(2) Flavor Asymmetry of the Proton Sea in Chiral Effective Theory. <i>Few-Body Systems</i> , 2016, 57, 593-599.	1.5	0

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181	Sensitivity of the DVCS Cross Section to the Compton form Factors in Scalar QED. Few-Body Systems, 2016, 57, 579-584.	1.5	0
182	Light-front field theory in the description of hadrons. EPJ Web of Conferences, 2017, 137, 05008.	0.3	0
183	Dark matter phenomenology of high-speed galaxy cluster collisions. European Physical Journal C, 2017, 77, 1.	3.9	0
184	Light-Front Quark Model Analysis of the (π^0, η, η') to $\gamma^* \gamma$ Transition Form Factors. , 2018, , .		0
185	Spin-1 Particles and Perturbative QCD. Few-Body Systems, 2018, 59, 1.	1.5	0
186	The Compton Form Factors of the ^4He Helium Nucleus. Few-Body Systems, 2019, 60, 1.	1.5	0
187	DEUTERON γ PHOTOPRODUCTION AT HIGH MOMENTUM TRANSFER. , 2002, , .		0
188	REAL AND VIRTUAL COMPTON SCATTERING IN PERTURBATIVE QCD. , 2008, , .		0
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