

# Stanley J Brodsky

## List of Publications by Year in descending order

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258  
papers

22,643  
citations

8749

75  
h-index

8384

147  
g-index

261  
all docs

261  
docs citations

261  
times ranked

5302  
citing authors

#	ARTICLE	IF	CITATIONS
1	The diffractive contribution to deep inelastic lepton-proton scattering: Implications for QCD momentum sum rules and parton distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136801.	1.5	1
2	Novel corrections to the momentum sum rule for nuclear structure functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136812.	1.5	2
3	Towards a single scale-dependent Pomeron in holographic light-front QCD. Physical Review D, 2022, 105, .	1.6	7
4	Artificial dynamical effects in quantum field theory. Nature Reviews Physics, 2022, 4, 489-495.	11.9	11
5	Onset of Color Transparency in Holographic Light-Front QCD. Physics, 2022, 4, 633-646.	0.5	4
6	PMCS <sub>infty</sub> : Infinite-Order Scale-Setting method using the Principle of Maximum Conformality and preserving the Intrinsic Conformality. SciPost Physics Proceedings, 2022, , .	0.2	0
7	Predictions for the Sivers single-spin asymmetry from holographic QCD. Physical Review D, 2022, 105, .	1.6	3
8	Comparing light-front quantization with instant-time quantization. Physics Reports, 2021, 891, 1-65.	10.3	14
9	Scale-fixed predictions for $\hat{\Gamma}^3 + \hat{\Gamma}^c$ production in electron-positron collisions at NNLO in perturbative QCD. Journal of High Energy Physics, 2021, 2021, 1.	1.6	7
10	QCD hidden-color hexadiquark in the core of nuclei. Nuclear Physics A, 2021, 1007, 122134.	0.6	7
11	Reanalysis of the top-quark pair hadroproduction and a precise determination of the top-quark pole mass at the LHC *. Chinese Physics C, 2021, 45, 113102.	1.5	3
12	Gluon matter distribution in the proton and pion from extended holographic light-front QCD. Physical Review D, 2021, 104, .	1.6	10
13	Longitudinal dynamics and chiral symmetry breaking in holographic light-front QCD. Physical Review D, 2021, 104, .	1.6	13
14	Intrinsic charm production of doubly charmed baryons: Collider vs. fixed-target. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	2
15	Constraints on charm-anticharm asymmetry in the nucleon from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135633.	1.5	25
16	Frame-independent spatial coordinate $z$ : Implications for light-front wave functions, deep inelastic scattering, light-front holography, and lattice QCD calculations. Physical Review C, 2020, 102, .	1.1	21
17	Renormalization scale setting for heavy quark pair production in $e^+e^-$ annihilation near the threshold region. Physical Review D, 2020, 102, .	1.6	3
18	Infinite-order scale-setting using the principle of maximum conformality: A remarkably efficient method for eliminating renormalization scale ambiguities for perturbative QCD. Physical Review D, 2020, 102, .	1.6	13

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19	Diffraction dissociation of alpha particles as a test of isophobic short-range correlations inside nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135423.	1.5	2
20	Unified Description of Polarized and Unpolarized Quark Distributions in the Proton. <i>Physical Review Letters</i> , 2020, 124, 082003.	2.9	24
21	Extending the predictive power of perturbative QCD. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	19
22	Color Confinement and Supersymmetric Properties of Hadron Physics from Light-Front Holography. <i>Journal of Physics: Conference Series</i> , 2019, 1137, 012027.	0.3	1
23	The QCD renormalization group equation and the elimination of fixed-order scheme-and-scale ambiguities using the principle of maximum conformality. <i>Progress in Particle and Nuclear Physics</i> , 2019, 108, 103706.	5.6	44
24	Structure of light-front vacuum sector diagrams. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134916.	1.5	10
25	Thrust distribution in electron-positron annihilation using the principle of maximum conformality. <i>Physical Review D</i> , 2019, 99, .	1.6	5
26	Isoscalar mesons and exotic states in light front holographic QCD. <i>Physical Review D</i> , 2019, 99, .	1.6	7
27	Using QCD counting rules to identify the production of gluonium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 405-410.	1.5	4
28	The spin structure of the nucleon. <i>Reports on Progress in Physics</i> , 2019, 82, 076201.	8.1	67
29	Novel method for the precise determination of the QCD running coupling from event shape distributions in electron-positron annihilation. <i>Physical Review D</i> , 2019, 100, .	1.6	11
30	QCD constituent counting rules for neutral vector mesons. <i>Physical Review D</i> , 2018, 97, .	1.6	6
31	A precise determination of the top-quark pole mass. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	10
32	Supersymmetric Properties of Hadron Physics from Light-Front Holography and Superconformal Algebra and other Advances in Light-Front QCD. <i>Few-Body Systems</i> , 2018, 59, 1.	0.7	2
33	Nonperturbative strange-quark sea from lattice QCD, light-front holography, and meson-baryon fluctuation models. <i>Physical Review D</i> , 2018, 98, .	1.6	20
34	Hadron Spectroscopy and Dynamics from Light-Front Holography and Superconformal Algebra. <i>Few-Body Systems</i> , 2018, 59, 1.	0.7	3
35	Hadronic superpartners from a superconformal and supersymmetric algebra. <i>Physical Review D</i> , 2018, 97, .	1.6	25
36	Supersymmetric and Conformal Features of Hadron Physics. <i>Universe</i> , 2018, 4, 120.	0.9	1

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37	Exclusive production of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$ at the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ factories Belle and <i>i&gt;BABAR</i> using the principle of maximum conformality. <i>Physical Review D</i> , 2018, 98, .	1.6	16
38	Supersymmetry in the double-heavy hadronic spectrum. <i>Physical Review D</i> , 2018, 98, .	1.6	21
39	Ridge effect, azimuthal correlations, and other novel features of gluonic string collisions in high energy photon-mediated reactions. <i>Physical Review D</i> , 2018, 97, .	1.6	3
40	Novel demonstration of the renormalization group invariance of the fixed-order predictions using the principle of maximum conformality and the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -scheme coupling. <i>Physical Review D</i> , 2018, 97, .	1.6	23
41	Universality of Generalized Parton Distributions in Light-Front Holographic QCD. <i>Physical Review Letters</i> , 2018, 120, 182001.	2.9	102
42	Color Confinement, Hadron Dynamics, and Hadron Spectroscopy from Light-Front Holography and Superconformal Algebra. <i>Advances in High Energy Physics</i> , 2018, 2018, 1-16.	0.5	3
43	Solution to the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^3 \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:stretchy="false"} \rangle \hat{\Gamma} \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$ puzzle using the principle of maximum conformality. <i>Physical Review D</i> , 2018, 97, .	1.6	8
44	The gluon and charm content of the deuteron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 287-293.	1.5	10
45	Title is missing!. , 2018, , .		0
46	Analysis of nucleon electromagnetic form factors from light-front holographic QCD: The spacelike region. <i>Physical Review D</i> , 2017, 95, .	1.6	51
47	Novel features of nuclear chromodynamics. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	1
48	The generalized scheme-independent Crewther relation in QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 494-499.	1.5	12
49	QCD compositeness as revealed in exclusive vector boson reactions through double-photon annihilation: $e+e \rightarrow \hat{\Gamma}^3 \hat{\Gamma}^3 \hat{\Gamma}^3 \hat{\Gamma}^3 V O$ and $e+e \rightarrow \hat{\Gamma}^3 \hat{\Gamma}^3 \hat{\Gamma}^3 \hat{\Gamma}^3 V O V O$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 764, 174-179.		4
50	Supersymmetry across the light and heavy-light hadronic spectrum. II.. <i>Physical Review D</i> , 2017, 95, .	1.6	33
51	Implications of the principle of maximum conformality for the QCD strong coupling. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 773, 98-104.	1.5	20
52	Determination of $\overline{\Lambda}(\overline{MS})$ at five loops from holographic QCD. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 105005.	1.4	16
53	Angular momentum conservation law in light-front quantum field theory. <i>Physical Review D</i> , 2017, 95, .	1.6	15
54	Novel all-orders single-scale approach to QCD renormalization scale-setting. <i>Physical Review D</i> , 2017, 95, .	1.6	34

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55	IceCube can constrain the intrinsic charm of the proton. <i>Physical Review D</i> , 2017, 96, .	1.6	22
56	Light-front holographic distribution amplitudes of pseudoscalar mesons and their application to $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -meson decays. <i>Physical Review D</i> , 2017, 95, .	1.6	16
57	Pre-Town Meeting on spin physics at an Electron-Ion Collider. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	11
58	Advances in Light-Front QCD: Supersymmetric Properties of Hadron Physics from Light-Front Holography and Superconformal Algebra. <i>Few-Body Systems</i> , 2017, 58, 1.	0.7	2
59	Superconformal Algebraic Approach to Hadron Structure. <i>EPJ Web of Conferences</i> , 2017, 137, 03023.	0.1	8
60	Title is missing!., 2017, , .		0
61	Meson/baryon/tetraquark supersymmetry from superconformal algebra and light-front holography. <i>International Journal of Modern Physics A</i> , 2016, 31, 1630029.	0.5	30
62	Universal effective hadron dynamics from superconformal algebra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 171-177.	1.5	56
63	Application of the principle of maximum conformality to the hadroproduction of the Higgs boson at the LHC. <i>Physical Review D</i> , 2016, 94, .	1.6	10
64	Novel QCD physics at NICA. <i>European Physical Journal A</i> , 2016, 52, 1.	1.0	11
65	Predictions for the top-quark forward-backward asymmetry at high invariant pair mass using the principle of maximum conformality. <i>Physical Review D</i> , 2016, 93, .	1.6	12
66	Extended conformal symmetry in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ : Conformal symmetry of Abelian gauge theory in the physical sector. <i>Physical Review D</i> , 2016, 93, .	1.6	16
67	Comment on "New Limits on Intrinsic Charm in the Nucleon from Global Analysis of Parton Distributions" <i>Physical Review Letters</i> , 2016, 116, 019101.	2.9	31
68	Light-Front Holography, Color Confinement, and Supersymmetric Features of QCD. <i>Few-Body Systems</i> , 2016, 57, 703-715.	0.7	8
69	On the interface between perturbative and nonperturbative QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 757, 275-281.	1.5	37
70	The QCD running coupling. <i>Progress in Particle and Nuclear Physics</i> , 2016, 90, 1-74.	5.6	200
71	Importance of proper renormalization scale-setting for QCD testing at colliders. <i>Frontiers of Physics</i> , 2016, 11, 1.	2.4	16
72	A possible solution to the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ puzzle using the principle of maximum conformality. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 748, 422-427.	1.5	7

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73	Superconformal baryon-meson symmetry and light-front holographic QCD. <i>Physical Review D</i> , 2015, 91, .	1.6	75
74	Setting the renormalization scale in perturbative QCD: Comparisons of the principle of maximum conformality with the sequential extended Brodsky-Lepage-Mackenzie approach. <i>Physical Review D</i> , 2015, 91, .	1.6	14
75	QCD dynamics of tetraquark production. <i>Physical Review D</i> , 2015, 91, .	1.6	44
76	Supersymmetry across the light and heavy-light hadronic spectrum. <i>Physical Review D</i> , 2015, 92, .	1.6	52
77	Degeneracy relations in QCD and the equivalence of two systematic all-orders methods for setting the renormalization scale. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 748, 13-18.	1.5	27
78	Connecting the hadron mass scale to the fundamental mass scale of quantum chromodynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 750, 528-532.	1.5	47
79	Light-front holography and superconformal quantum mechanics: A new approach to hadron structure and color confinement. <i>International Journal of Modern Physics Conference Series</i> , 2015, 39, 1560081.	0.7	11
80	The renormalization scale problem and novel perspectives for QCD. <i>International Journal of Modern Physics Conference Series</i> , 2015, 39, 1560108.	0.7	0
81	Renormalization group invariance and optimal QCD renormalization scale-setting: a key issues review. <i>Reports on Progress in Physics</i> , 2015, 78, 126201.	8.1	67
82	Exclusive processes and the fundamental structure of hadrons. <i>International Journal of Modern Physics A</i> , 2015, 30, 1530014.	0.5	2
83	Light-front holographic QCD and emerging confinement. <i>Physics Reports</i> , 2015, 584, 1-105.	10.3	362
84	Baryon spectrum from superconformal quantum mechanics and its light-front holographic embedding. <i>Physical Review D</i> , 2015, 91, .	1.6	84
85	Novel QCD Phenomena at the LHC: The Ridge, Digluon-Initiated Subprocesses, Direct Reactions, Non-Universal Antishadowing, and Forward Higgs Production. <i>Nuclear and Particle Physics Proceedings</i> , 2015, 258-259, 23-30.	0.2	7
86	The Light-Front Schrödinger Equation and the Determination of the Perturbative QCD Scale from Color Confinement: A First Approximation to QCD. <i>Few-Body Systems</i> , 2015, 56, 621-632.	0.7	17
87	The common elements of atomic and hadronic physics. <i>Hyperfine Interactions</i> , 2015, 234, 113-123.	0.2	1
88	Hadron spectroscopy and dynamics from light-front holography and conformal symmetry. <i>EPJ Web of Conferences</i> , 2014, 73, 01014.	0.1	5
89	Application of the principle of maximum conformality to the top-quark charge asymmetry at the LHC. <i>Physical Review D</i> , 2014, 90, .	1.6	21
90	Reanalysis of the higher order perturbative QCD corrections to hadronic Z decays using the principle of maximum conformality. <i>Physical Review D</i> , 2014, 90, .	1.6	16

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91	Dynamical Picture for the Formation and Decay of the Exotic $X$ $Y$ $Z$ Mesons. Physical Review Letters, 2014, 113, 112001.	2.9	141
92	Threefold complementary approach to holographic QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 729, 3-8.	1.5	82
93	Electron $g-2$ in Light-front Quantization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 65-69.	1.5	46
94	Effective confining potentials for QCD. Physical Review D, 2014, 90, .	1.6	69
95	Light-front holographic QCD and color confinement. International Journal of Modern Physics A, 2014, 29, 1444013.	0.5	4
96	Systematic scale-setting to all orders: The principle of maximum conformality and commensurate scale relations. Physical Review D, 2014, 89, .	1.6	123
97	Applications of Basis Light-Front Quantization to QED. Nuclear Physics, Section B, Proceedings Supplements, 2014, 251-252, 10-15.	0.5	8
98	Light-Front Holographic QCD and the Confinement Potential. Nuclear Physics, Section B, Proceedings Supplements, 2014, 251-252, 1-9.	0.5	1
99	The renormalization scale-setting problem in QCD. Progress in Particle and Nuclear Physics, 2013, 72, 44-98.	5.6	113
100	Possible multiparticle ridge-like correlations in very high multiplicity proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 344-346.	1.5	46
101	Linear polarization of gluons and photons in unpolarized collider experiments. Journal of High Energy Physics, 2013, 2013, 1.	1.6	76
102	QCD on the Light-Front. Few-Body Systems, 2013, 55, 407.	0.7	3
103	Kinematical and dynamical aspects of higher-spin bound-state equations in holographic QCD. Physical Review D, 2013, 87, .	1.6	73
104	Novel six-quark hidden-color dibaryon states in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 438-442.	1.5	88
105	Systematic All-Orders Method to Eliminate Renormalization-Scale and Scheme Ambiguities in Perturbative QCD. Physical Review Letters, 2013, 110, 192001.	2.9	155
106	Single-spin asymmetries in semi-inclusive deep inelastic scattering and Drell-Yan processes. Physical Review D, 2013, 88, .	1.6	27
107	Excited baryons in holographic QCD. AIP Conference Proceedings, 2012, , .	0.3	33
108	Application of the principle of maximum conformality to top-pair production. Physical Review D, 2012, 86, .	1.6	47

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109	Setting the renormalization scale in QCD: The principle of maximum conformality. <i>Physical Review D</i> , 2012, 86, .	1.6	95
110	Eliminating the Renormalization Scale Ambiguity for Top-Pair Production Using the Principle of Maximum Conformality. <i>Physical Review Letters</i> , 2012, 109, 042002.	2.9	118
111	Confinement contains condensates. <i>Physical Review C</i> , 2012, 85, .	1.1	105
112	AdS/QCD and Applications of Light-Front Holography. <i>Communications in Theoretical Physics</i> , 2012, 57, 641-664.	1.1	3
113	LIGHT-FRONT HOLOGRAPHY AND THE LIGHT-FRONT SCHRÖDINGER EQUATION. <i>International Journal of Modern Physics Conference Series</i> , 2012, 20, 53-65.	0.7	3
114	Self-consistency requirements of the renormalization group for setting the renormalization scale. <i>Physical Review D</i> , 2012, 86, .	1.6	65
115	Scale setting using the extended renormalization group and the principle of maximum conformality: The QCD coupling constant at four loops. <i>Physical Review D</i> , 2012, 85, .	1.6	114
116	Application of the principle of maximum conformality to the top-quark forward-backward asymmetry at the Tevatron. <i>Physical Review D</i> , 2012, 85, .	1.6	60
117	Puzzles in Hadronic Physics and Novel Quantum Chromodynamics Phenomenology. <i>Annual Review of Nuclear and Particle Science</i> , 2012, 62, 1-35.	3.5	33
118	Atoms in flight and the remarkable connections between atomic and hadronic physics. <i>Hyperfine Interactions</i> , 2012, 209, 83-92.	0.2	2
119	Electron Anomalous Magnetic Moment in Basis Light-Front Quantization Approach. <i>Few-Body Systems</i> , 2012, 52, 339-344.	0.7	5
120	Light-Front Holography, Light-Front Wavefunctions, and Novel QCD Phenomena. <i>Few-Body Systems</i> , 2012, 52, 203-222.	0.7	5
121	Atoms in flight and the remarkable connections between atomic and hadronic physics. , 2012, , 83-92.		0
122	Evolved QCD predictions for the meson-photon transition form factors. <i>Physical Review D</i> , 2011, 84, .	1.6	103
123	Meson transition form factors in light-front holographic QCD. <i>Physical Review D</i> , 2011, 84, .	1.6	112
124	Light-Front Quantization and AdS/QCD: An overview. <i>Journal of Physics: Conference Series</i> , 2011, 287, 012007.	0.3	5
125	Isospin splittings of doubly heavy baryons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 251-255.	1.5	45
126	Direct Probes of Linearly Polarized Gluons inside Unpolarized Hadrons. <i>Physical Review Letters</i> , 2011, 106, 132001.	2.9	99



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127	Electron in a Transverse Harmonic Cavity. <i>Physical Review Letters</i> , 2011, 106, 061603.	2.9	44
128	Condensates in quantum chromodynamics and the cosmological constant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 45-50.	3.3	102
129	Light-Front Holography and Gauge/Gravity Duality: The Light Meson and Baryon Spectra. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010, 199, 89-96.	0.5	55
130	Phases of augmented hadronic light-front wave functions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 687, 327-330.	1.5	36
131	Light-Front Holography, AdS/QCD, and Hadronic Phenomena. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010, 199, 5-15.	0.5	3
132	Direct hadron production in hadronic collisions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010, 207-208, 81-84.	0.5	3
133	Gauge-Gravity Duality and Hadron Physics at the Light-Front. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	31
134	AdS/QCD and light front holography: A new approximation to QCD. <i>Chinese Physics C</i> , 2010, 34, 1229-1235.	1.5	9
135	Higher-Twist Dynamics in Large Transverse Momentum Hadron Production. <i>Physical Review Letters</i> , 2010, 105, 062002.	2.9	50
136	New perspectives on the quark condensate. <i>Physical Review C</i> , 2010, 82, .	1.1	111
137	Timelike virtual compton scattering from electron-positron radiative annihilation. <i>Physical Review D</i> , 2010, 81, .	1.6	1
138	AdS/QCD, LIGHT-FRONT HOLOGRAPHY, AND THE NONPERTURBATIVE RUNNING COUPLING. <i>International Journal of Modern Physics A</i> , 2010, 25, 5009-5024.	0.5	3
139	Light-Front Quantization Approach to the Gauge-Gravity Correspondence and Hadron Spectroscopy. , 2010, , .		16
140	Heavy-quarkonium production in high energy proton-proton collisions at RHIC. <i>Physical Review D</i> , 2010, 81, .	1.6	71
141	Nonperturbative QCD coupling and its $\langle \bar{\psi}\psi \rangle$ function from light-front holography. <i>Physical Review D</i> , 2010, 81, .	1.6	150
142	Gauge/Gravity Duality and Strongly Coupled Light-Front Dynamics. , 2010, , .		1
143	Light-Front Holography: A First Approximation to QCD. <i>Physical Review Letters</i> , 2009, 102, 081601.	2.9	257
144	Production of the Smallest QED Atom: True Muonium ( $\mu e$ ). <i>Physical Review Letters</i> , 2009, 102, 213401.	2.9	96

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145	Dynamic versus Static Structure Functions and Novel Diffractive Effects in QCD. , 2009, , .		13
146	Dynamic versus Static Hadronic Structure Functions. Nuclear Physics A, 2009, 827, 327c-332c.	0.6	17
147	Higgs hadroproduction at large Feynman x. Nuclear Physics B, 2009, 807, 334-347.	0.9	31
148	Local two-photon couplings and the $\langle \text{mi} \rangle \langle \text{mo} \rangle \langle \text{mn} \rangle$ fixed pole in real and virtual Compton scattering. Physical Review D, 2009, 79, .	1.6	37
149	AdS/CFT and Light-Front QCD. , 2009, , .		19
150	Maximum wavelength of confined quarks and gluons and properties of quantum chromodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 95-99.	1.5	105
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