

# Stanley J Brodsky

## List of Publications by Year in descending order

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258  
papers

22,643  
citations

8732

75  
h-index

8370

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 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{r} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{r} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$ 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>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 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{r}^3 \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{r}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:stretchy="false"} \rangle \hat{r} \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{r} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$ 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: $e+e \rightarrow \hat{r} \hat{r}^3 \hat{r}^3 \hat{r}^3 \hat{r}^3 V O$ and $e+e \rightarrow \hat{r} \hat{r}^3 \hat{r}^3 \hat{r}^3 \hat{r}^3 V O V O$ . <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. Physical Review Letters, 2011, 106, 061603.	2.9	44
128	Condensates in quantum chromodynamics and the cosmological constant. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 45-50.	3.3	102
129	Light-Front Holography and Gauge/Gravity Duality: The Light Meson and Baryon Spectra. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 89-96.	0.5	55
130	Phases of augmented hadronic light-front wave functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 327-330.	1.5	36
131	Light-Front Holography, AdS/QCD, and Hadronic Phenomena. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 5-15.	0.5	3
132	Direct hadron production in hadronic collisions. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 81-84.	0.5	3
133	Gauge-Gravity Duality and Hadron Physics at the Light-Front. AIP Conference Proceedings, 2010, , .	0.3	31
134	AdS/QCD and light front holography: A new approximation to QCD. Chinese Physics C, 2010, 34, 1229-1235.	1.5	9
135	Higher-Twist Dynamics in Large Transverse Momentum Hadron Production. Physical Review Letters, 2010, 105, 062002.	2.9	50
136	New perspectives on the quark condensate. Physical Review C, 2010, 82, .	1.1	111
137	Timelike virtual compton scattering from electron-positron radiative annihilation. Physical Review D, 2010, 81, .	1.6	1
138	AdS/QCD, LIGHT-FRONT HOLOGRAPHY, AND THE NONPERTURBATIVE RUNNING COUPLING. International Journal of Modern Physics A, 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. Physical Review D, 2010, 81, .	1.6	71
141	Nonperturbative QCD coupling and its $\langle \bar{\psi}\psi \rangle$ function from light-front holography. Physical Review D, 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. Physical Review Letters, 2009, 102, 081601.	2.9	257
144	Production of the Smallest QED Atom: True Muonium ( $\mu^+\mu^-e$ ). Physical Review Letters, 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
151	The baryon anomaly: Evidence for color transparency and direct hadron production at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 111-115.	1.5	40
152	Light-front dynamics and AdS/QCD correspondence: Gravitational form factors of composite hadrons. Physical Review D, 2008, 78, .	1.6	131
153	Light-front dynamics and AdS/QCD correspondence: The pion form factor in the space- and time-like regions. Physical Review D, 2008, 77, .	1.6	365
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