

# Philipp Gubler

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

779  
citations

516710

16  
h-index

526287

27  
g-index

72  
all docs

72  
docs citations

72  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in QCD condensate evaluations and sum rules. Progress in Particle and Nuclear Physics, 2019, 106, 1-67.	14.4	70
2	$\langle \bar{D} \rangle$ mesons in a magnetic field. Physical Review D, 2016, 93, .	4.7	61
3	Numerical analytic continuation of Euclidean data. Computer Physics Communications, 2019, 237, 129-142.	7.5	59
4	Charmonium Spectra at Finite Temperature from QCD Sum Rules with the Maximum Entropy Method. Physical Review Letters, 2011, 107, 092003.	7.8	55
5	A Bayesian Approach to QCD Sum Rules. Progress of Theoretical Physics, 2010, 124, 995-1018.	2.0	47
6	Stable double-heavy tetraquarks: Spectrum and structure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136095.	4.1	39
7	Constraining the strangeness content of the nucleon by measuring the $\langle \bar{\Sigma} \rangle$ meson mass shift in nuclear matter. Physical Review D, 2014, 90, .	4.7	38
8	Moments of $\bar{\Sigma}$ meson spectral functions in vacuum and nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 396-401.	4.1	35
9	Thermal modification of bottomonium spectra from QCD sum rules with the maximum entropy method. Nuclear Physics A, 2013, 897, 28-41.	1.5	34
10	$\langle \bar{D} \rangle$ meson mass increase by restoration of chiral symmetry in nuclear matter. Physical Review C, 2016, 93, .	2.9	34
11	Parity projection of QCD sum rules for the nucleon. Physical Review D, 2013, 87, .	4.7	29
12	Charmed baryon spectrum from lattice QCD near the physical point. Physical Review D, 2020, 102, .	4.7	29
13	Phi meson spectral moments and QCD condensates in nuclear matter. Nuclear Physics A, 2016, 954, 125-148.	1.5	26
14	A Bayesian analysis of the nucleon QCD sum rules. European Physical Journal A, 2011, 47, 1.	2.5	21
15	Compact $\langle \bar{\Sigma} \rangle$ pentaquark states predicted by a quark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135028.	4.1	20
16	Mass of heavy-light mesons in a constituent quark picture with partially restored chiral symmetry. Physical Review D, 2016, 93, .	4.7	18
17	The $\bar{\Sigma}$ meson with finite momentum in a dense medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135412.	4.1	15
18	New determination of $\langle \bar{\Sigma} \rangle$ meson mass in nuclear matter. Physical Review D, 2015, 92, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	A novel probe of chiral restoration in nuclear medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 336-340.	4.1	12
20	Light vector correlator in medium: Wilson coefficients up to dimension 6 operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 194-199.	4.1	12
21	A Bayesian Analysis of QCD Sum Rules. Springer Theses, 2013, , .	0.1	9
22	QCD sum rules on the complex Borel plane. Progress of Theoretical and Experimental Physics, 2014, 2014, 73B03-0.	6.6	9
23	Flavor structure of $\langle \bar{\psi}\psi \rangle$ baryons from lattice QCD: From strange to charm quarks. Physical Review D, 2016, 94, .	4.7	9
24	Single-particle spectral density of the unitary Fermi gas: Novel approach based on the operator product expansion, sum rules and the maximum entropy method. Annals of Physics, 2015, 356, 467-497.	2.8	8
25	Negative-parity nucleon excited state in nuclear matter. Physical Review C, 2016, 94, .	2.9	8
26	Contribution of the Weinberg-type operator to atomic and nuclear electric dipole moments. Journal of High Energy Physics, 2022, 2022, .	4.7	8
27	Signatures of the vortical quark-gluon plasma in hadron yields. Physical Review C, 2020, 102, .	2.9	7
28	Exact vector channel sum rules at finite temperature and their applications to lattice QCD data analysis. Physical Review D, 2016, 94, .	4.7	6
29	$D$ meson mass and heavy quark potential at finite temperature. Physical Review D, 2020, 101, .	4.7	6
30	Revisiting the boiling of primordial quark nuggets at nonzero chemical potential. Astroparticle Physics, 2015, 62, 115-121.	4.3	5
31	Finite temperature sum rules in the vector channel at finite momentum. Physical Review D, 2017, 96, .	4.7	5
32	Spectrum of the Charmed Baryons in 2+1-flavor Lattice QCD. , 2019, , .		5
33	Spin- $\frac{3}{2}$ pentaquark in QCD sum rules. Physical Review D, 2009, 79, .	4.7	4
34	Charmonium ground and excited states at finite temperature from complex Borel sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 48-53.	4.1	4
35	The negative-parity spin-1/2 $\hat{b}$ baryon spectrum from lattice QCD and effective theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136473.	4.1	4
36	Possible quantum numbers of the pentaquark $\hat{b}$ baryon spectrum from lattice QCD and effective theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136473.	4.7	3

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37	$J/\psi$ near T. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136065.	4.1	3
38	Prediction of Double-heavy Tetraquarks Bound States in Quark Model. Few-Body Systems, 2021, 62, 1.	1.5	1
39	Measuring the Strangeness Content of the Nucleon by Observing the $\bar{\Lambda}$ -Meson Mass Shift in Nuclear Matter. , 2015, , .		1
40	Chiral symmetry of nucleon resonances in QCD sum rules. Physical Review D, 2008, 78, .	4.7	0
41	SPIN-3/2 PENTAQUARK IN QCD SUM RULES. , 2009, , .		0
42	pentaquarks in QCD sum rules. Nuclear Physics A, 2010, 835, 342-345.	1.5	0
43	Possible Quantum Numbers of $\hat{\Lambda}^+(1540)$ in QCD Sum Rules. Progress of Theoretical Physics Supplement, 2010, 186, 193-198.	0.1	0
44	Two novel methods in QCD sum rules. , 2010, , .		0
45	QCD sum rules in a Bayesian approach. Journal of Physics: Conference Series, 2011, 312, 032008.	0.4	0
46	A Bayesian analysis of QCD sum rules. , 2011, , .		0
47	Charmonium spectral functions at finite temperature from a Bayesian analysis of QCD sum rules. , 2011, , .		0
48	Charmonium spectrum at finite temperature from a Bayesian analysis of QCD sum rules. EPJ Web of Conferences, 2012, 20, 03001.	0.3	0
49	Application of the Maximum Entropy Method to QCD sum rules. Journal of Physics: Conference Series, 2012, 348, 012006.	0.4	0
50	Quarkonia at Finite T: An Approach Based On QCD Sum Rules and the Maximum Entropy Method. Few-Body Systems, 2013, 54, 1059-1062.	1.5	0
51	Parity Projected QCD Sum Rule of the Nucleon with MEM. Few-Body Systems, 2013, 54, 1063-1066.	1.5	0
52	Modification of hadronic spectral functions under extreme conditions: An approach based on QCD sum rules and the maximum entropy method. Nuclear Physics A, 2013, 914, 512-516.	1.5	0
53	Application of the maximum entropy method to QCD sum rules. Journal of Physics: Conference Series, 2014, 562, 012011.	0.4	0
54	Relating the strangeness content of the nucleon with the mass shift of the $\bar{\Lambda}$ meson in nuclear matter. AIP Conference Proceedings, 2016, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	Exact sum rules for vector channel at finite temperature and their application to lattice QCD analysis. EPJ Web of Conferences, 2017, 137, 07022.	0.3	0
56	The $\bar{\Lambda}$ Meson in Nuclear Matter and the Strangeness Content of the Nucleon. , 2017, , .		0
57	Mesons with charm and strangeness in nuclear matter. AIP Conference Proceedings, 2019, , .	0.4	0
58	Exact Vector Channel Sum Rules at Finite Temperature. , 2019, , .		0
59	Simulating pA reactions to study the $\bar{\Lambda}$ meson in nuclear matter at J-PARC. AIP Conference Proceedings, 2020, , .	0.4	0
60	Studying the Phi Meson in Nuclear Matter by Simulating pA Reactions in a Transport Approach. Few-Body Systems, 2021, 62, 1.	1.5	0
61	Basics of QCD Sum Rules. Springer Theses, 2013, , 25-50.	0.1	0
62	Summary, Conclusion and Outlook. Springer Theses, 2013, , 151-154.	0.1	0
63	MEM Analysis of the Nucleon Sum Rule. Springer Theses, 2013, , 97-121.	0.1	0
64	MEM Analysis of the $\Lambda$ Meson Sum Rule. Springer Theses, 2013, , 77-96.	0.1	0
65	Recent results from QCD sum rule analyses based on the maximum entropy method. , 2013, , .		0
66	An Analysis of the Nucleon QCD Sum Rules. , 2015, , .		0
67	Studying the $\bar{\Lambda}$ meson in nuclear matter from simulated pA reactions. , 2020, , .		0
68	The $\bar{\Lambda}$ meson in nuclear matter with zero and non-zero momentum - recent results. Journal of Physics: Conference Series, 2020, 1643, 012009.	0.4	0
69	$\bar{\Lambda}$ meson properties in nuclear matter from QCD sum rules with chirally separated four-quark condensates. Physical Review D, 2022, 105, .	4.7	0