

# Narison Stephan

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

4,674  
citations

81900

39  
h-index

98798

67  
g-index

100  
all docs

100  
docs citations

100  
times ranked

841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Di-gluonium sum rules, $\epsilon=0$ scalar mesons and conformal anomaly. Nuclear Physics A, 2022, 1017, 122337.	1.5	9
2	Slope of the topological charge, proton spin and the $O^{\prime\prime}+$ pseudoscalar di-gluonia spectra. Nuclear Physics A, 2022, 1020, 122393.	1.5	4
3	Improved XTZ masses and mass ratios from Laplace sum rules at NLO. Nuclear Physics A, 2022, 1023, 122451.	1.5	11
4	Tests of the $Z_c$ -like Laplace sum rule results using finite energy sum rule at NLO. Physical Review D, 2022, 105, .	4.7	0
5	Scrutinizing the spread of COVID-19 in Madagascar. Infection, Genetics and Evolution, 2021, 87, 104668.	2.3	4
6	$X_{0,1}(2900)$ and $(D^{\prime\prime}K^+)$ invariant mass from QCD Laplace sum rules at NLO. Nuclear Physics A, 2021, 1007, 122113.	1.5	39
7	$Z_c$ -like spectra from QCD Laplace sum rules at NLO. Physical Review D, 2021, 103, .	4.7	32
8	Doubly hidden $0^{++}$ molecules and tetraquarks states from QCD at NLO. Nuclear and Particle Physics Proceedings, 2021, 312-317, 120-124.	0.5	8
9	Modern status of heavy quark sum rules in QCD. Nuclear and Particle Physics Proceedings, 2021, 312-317, 87-93.	0.5	8
10	The New Charm-Strange Resonances in the $D^{\prime\prime}K^+$ Channel. Nuclear and Particle Physics Proceedings, 2021, 312-317, 125-129.	0.5	4
11	QCD parameters, $B_c$ and $B_{cs}$ mesons in QCD. Nuclear and Particle Physics Proceedings, 2020, 309-311, 135-147.	0.5	4
12	The first months of COVID-19 in Madagascar. Infection, Genetics and Evolution, 2020, 85, 104506.	2.3	5
13	Doubly-hidden scalar heavy molecules and tetraquarks states from QCD at NLO. Physical Review D, 2020, 102, .	4.7	62
14	Spectra and decay constants of $B_c$ -like and $B_{cs}$ mesons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135522.	4.1	16
15	and $B_{cs}$ mesons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135522.	4.1	16
16	$\chi_{c0}$ and $\chi_{c2}$ spectra from Heavy Quarkonia. Nuclear and Particle Physics Proceedings, 2018, 300-302, 153-164.	0.5	12
17	$\chi_{c0}$ spectra from QCD Laplace Sum Rules at Higher Orders. Nuclear and Particle Physics Proceedings, 2018, 300-302, 186-195.	0.5	5
18	$\chi_{c0}$ -SU3 breakings from Laplace sum rules at higher orders. International Journal of Modern Physics A, 2018, 33, 1850082.	1.5	17

#	ARTICLE	IF	CITATIONS
19	$m \hat{=} \frac{1}{4}$		



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37	Gluon condensates and c, b quark masses from quarkonia ratios of moments [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	4.1	112
38	Relation between gluon condensates and c, b quark masses from quarkonia ratios of moments [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	4.1	98
39	Erratum to "Gluon condensates and c, b quark masses from quarkonia ratios of moments" [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	4.1	42
40	Erratum to "Gluon condensates and c, b quark masses from quarkonia ratios of moments" [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	4.1	43
41	The $J/\psi$ and $\psi(3686)$ from quarkonia ratios of moments [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	4.1	34
42	$J/\psi$ scatterings [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	0.4	3
43	SVZ sum rules [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	0.4	24
44	Mass-splittings of heavy-baryons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 634, 236-245.	4.1	51
45	Mass-splittings of doubly heavy baryons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 217-225.	4.1	34
46	Gluon condensates and c, b quark masses from quarkonia ratios of moments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 559-566.	4.1	88
47	Mass-splittings of doubly heavy baryons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 217-225.	4.1	44
48	Investigating different structures for the X(3872). Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 249-252.	0.4	3
49	Can one measure C-odd asymmetry in $\psi$ . Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 203-206.	0.4	3
50	Light scalar mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 306-311.	0.4	28
51	Power corrections to $J/\psi$ and $\psi(3686)$ from quarkonia ratios of moments [Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	4.1	111
52	Duality between QCD perturbative series and power corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 355-361.	4.1	76
53	Two-photon width and gluonic component of $\psi$ . Nuclear Physics, Section B, Proceedings Supplements, 2008, 181-182, 238-242.	4.1	33
54	Two-photon width and gluonic component of $\psi$ . Nuclear Physics, Section B, Proceedings Supplements, 2008, 181-182, 238-242.	0.4	9

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55	<p> <math>\chi</math> </p> <p> <math>\chi</math> </p> <p> <math>\chi</math> </p> <p> <math>\chi</math> </p>	4.1	54
56	<p> <math>\chi</math> </p> <p> <math>\chi</math> </p> <p> <math>\chi</math> </p>	4.1	26
57	The SVZ-Expansion and Beyond. Nuclear Physics, Section B, Proceedings Supplements, 2007, 164, 225-231.	0.4	47
58	QCD tests of the puzzling scalar mesons. Physical Review D, 2006, 73, .	4.7	77
59	Are the pentaquark sum rules reliable?. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 236-241.	0.4	15
60	Heavy-light mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 217-221.	0.4	1
61	Open charm and beauty chiral multiplets in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 319-325.	4.1	100
62	Strange quark, tachyonic gluon masses and $\chi$ . Nuclear Physics, Section B, Proceedings Supplements, 2003, 121, 114-118.	4.1	16
63	Tests of the nature of the $\chi$ from D(s) semileptonic decays. Nuclear Physics, Section B, Proceedings Supplements, 2003, 121, 114-118.	0.4	17
64	Scalar mesons in QCD and tests of the gluon content of the $\chi$ . Nuclear Physics, Section B, Proceedings Supplements, 2003, 121, 131-134.	0.4	12
65	$B_{d,s}^0$ mass-differences from QCD spectral sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 233-240.	4.1	17
66	Hints on the power corrections from current correlators in x-space. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 522, 266-272.	4.1	89
67	Scalar Mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2001, 96, 244-251.	0.4	28
68	Gluonia, scalar and hybrid mesons in QCD. Nuclear Physics A, 2000, 675, 54-63.	1.5	35
69	Short-distance tachyonic gluon mass and $1/Q^2$ corrections. Nuclear Physics B, 1999, 550, 353-374.	2.5	201
70	Masses, decays and mixings of gluonia in QCD: a summary. Nuclear Physics, Section B, Proceedings Supplements, 1998, 64, 210-219.	0.4	27
71	Masses, decays and mixings of gluonia in QCD. Nuclear Physics B, 1998, 509, 312-356.	2.5	199
72	Heavy quarkonia mass-splittings in QCD: Test of the $1/m$ -expansion and estimates of $\chi$ and $\chi$ . Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 238-243.	0.4	31

#	ARTICLE	IF	CITATIONS
73	Heavy quarkonia mass-splittings in QCD: gluon condensate, $\hat{\Gamma}_{\pm S}$ and. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 162-172.	4.1	156
74	QCD tests from $e^+e^- \rightarrow \hat{\Gamma}^0 \rightarrow I = 1$ hadrons data and implication on the value of $\hat{\Gamma}_{\pm S}$ from $\hat{\Gamma}_{\pm S}$ -decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 121-130.	4.1	134
75	Target independence of the EMC-SMC effect. Nuclear Physics B, 1995, 433, 209-233.	2.5	54
76	QSSR estimate of the BB parameter at next-to-leading order. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 341-346.	4.1	55
77	Determination of the $D=2$ $\hat{\Gamma}$ -operator from $e^+e^- \rightarrow \hat{\Gamma}^0$ data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 300, 293-297.	4.1	75
78	The slope of the U(1) topological charge from gluonia sum rules and higher order effects on the pseudoscalar meson masses and mixing angles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 101-104.	4.1	17
79	THE $\hat{\Gamma}_{\pm 0}$ (980) AND $f_0$ (975) IN QCD. Modern Physics Letters A, 1989, 04, 1113-1119.	1.2	33
80	QCD TESTS OF: $G(1.6)=GLUEBALL$ . International Journal of Modern Physics A, 1989, 04, 2751-2763.	1.5	91
81	Baryon masses and flavour symmetry breaking of chiral condensates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 220, 251-257.	4.1	141
82	Light and heavy quark masses, test of PCAC and flavour breakings of condensates in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 216, 191-197.	4.1	139
83	Heavy quark mass in the scheme: Revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 405-408.	4.1	105
84	$O_{++}$ trigluonium sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 191, 437-441.	4.1	21
85	Chiral-symmetry breaking and the light-meson systems. Rivista Del Nuovo Cimento, 1987, 10, 1-43.	5.7	117
86	On the two-photon width of the $\hat{\Gamma}^0(980)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 175, 88-96.	4.1	49
87	Gluonium and the $O_{++}$ spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 158, 153-157.	4.1	25
88	Non-perturbative QCD vacuum from $e^+e^- \rightarrow I=1$ hadron data. Zeitschrift für Physik C-Particles and Fields, 1984, 26, 433-439.	1.5	136
89	On the light meson mass formulae from quantum chromodynamics. Zeitschrift für Physik C-Particles and Fields, 1984, 22, 161-166.	1.5	19
90	Meson-gluonium mixing from QCD sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 162-168.	4.1	33

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91	Higher dimensional renormalization group invariant vacuum condensates in quantum chromodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 125, 217-222.	4.1	152
92	On the gluon component of the $U(1)_A$ meson in quantum chromodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 125, 501-508.	4.1	17
93	On the Laplace transform of the Weinberg type sum rules and on the properties of pseudoscalar mesons. Zeitschrift für Physik C-Particles and Fields, 1982, 14, 263-273.	1.5	30
94	Techniques of dimensional regularization and the two-point functions of QCD and QED. Physics Reports, 1982, 84, 263-399.	25.6	223
95	Light quark masses in quantum chromodynamics and chiral symmetry breaking. Zeitschrift für Physik C-Particles and Fields, 1981, 8, 335-348.	1.5	126
96	QCD sum rules for the light quark vacuum condensate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 104, 485-488.	4.1	32