Narison Stephan

List of Publications by Year
in descending order

96 papers	4,674 citations	93792 39 h-index	111975 67 g-index
100 all docs	100 docs citations	100 times ranked	885 citing authors

#	Article	IF	Citations
1	Di-gluonium sum rules, Iâ€¯=â€¯0 scalar mesons and conformal anomaly. Nuclear Physics A, 2022, 1017, 122337.	0.6	9
2	Slope of the topological charge, proton spin and the 0â^'+ pseudoscalar di-gluonia spectra. Nuclear Physics A, 2022, 1020, 122393.	0.6	4
3	Improved XTZ masses and mass ratios from Laplace sum rules at NLO. Nuclear Physics A, 2022, 1023, 122451.	0.6	11
4	Tests of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Z</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> -like Laplace sum rule results using finite energy sum rule at NLO. Physical Review D, 2022, 105, .	1.6	0
5	Scrutinizing the spread of COVID-19 in Madagascar. Infection, Genetics and Evolution, 2021, 87, 104668.	1.0	4
6	X0,1(2900) and (Dâ^'K+) invariant mass from QCD Laplace sum rules at NLO. Nuclear Physics A, 2021, 1007, 122113.	0.6	39
7	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Z</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> -like spectra from QCD Laplace sum rules at NLO. Physical Review D, 2021, 103, .	1.6	32
8	Doubly hidden 0++ molecules and tetraquarks states from QCD at NLO. Nuclear and Particle Physics Proceedings, 2021, 312-317, 120-124.	0.2	8
9	Modern status of heavy quark sum rules in QCD. Nuclear and Particle Physics Proceedings, 2021, 312-317, 87-93.	0.2	8
10	The New Charm-Strange Resonances in the Dâ^'K+ Channel. Nuclear and Particle Physics Proceedings, 2021, 312-317, 125-129.	0.2	4
11	QCD parameters, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>B</mml:mi></mml:mrow> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>B</mml:mi></mml:mrow> Nuclear and Particle Physics Proceedings, 2020, 309-311, 135-147.	0.2	4
12	The first months of COVID-19 in Madagascar. Infection, Genetics and Evolution, 2020, 85, 104506.	1.0	5
13	Doubly-hidden scalar heavy molecules and tetraquarks states from QCD at NLO. Physical Review D, 2020, 102, .	1.6	62
14	Spectra and decay constants of B-like and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msubsup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow> mesons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135522.	1.5	6
15	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>m</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover></mml:mrow> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msub><mml:mrow><mml:mover	1.5	16
16	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>m</mml:mi></mml:mrow><mml:mo>â€¾</mml:mo></mml:mover></mml:mrow> â€Î±G2â€‰ and Î± from Heavy Quarkonia. Nuclear and Particle Physics Proceedings, 2018, 300-302, 153-164.	0.2	12
17	XYZ â€“ spectra from QCD Laplace Sum Rules at Higher Orders. Nuclear and Particle Physics Proceedings, 2018, 300-302, 186-195.	0.2	5
18	XYZ-SU3 breakings from Laplace sum rules at higher orders. International Journal of Modern Physics A, 2018, 33, 1850082.	0.5	17

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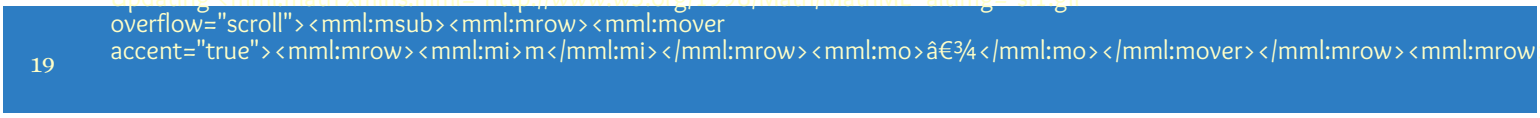
19			

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37	Gluon condensates and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mover accent="true"><mml:mi>m</mml:mi><mml:mo>Â¯</mml:mo></mml:mover><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub></mml:math> from QCD-moments and their ratios to order <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msub><mml:mover accent="true"><mml:mi>m</mml:mi><mml:mo>Â¯</mml:mo></mml:mover><mml:mi>b</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mover) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (accent="true"><mml:mi>m</mml:mi>	1.5	112
38		1.5	98
39	Relation between <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>T</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mi>c</mml:mi></mml:mrow></mml:msub><mml:mo>,</mml:mo> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msub><mml:mi>X</mml:mi><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub><mml:mo>,</mml:mo> from QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 574-580.	1.5	42
40	Erratum to â€œGluon condensates and c, b quark masses from quarkonia ratios of momentsâ€•[Phys. Lett. B 693 (2010) 559]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 544.	1.5	43
41	The f0(980) from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>K</mml:mi><mml:mrow><mml:mi>e</mml:mi><mml:mn>4</mml:mn></mml:mrow></mml:ms Î³Î³ scatterings, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ï^</mml:mi></mml:math>, <mml:math xmlns:mml="http://www.w3.org/199. Nuclear Physics, Section B, Proceedings Supplements, 2010, SVZ-30	1.5	34
42		0.5	3
43	QCD sum rules: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mn>30</mml:mn><mml:mo>âŠ•</mml:mo><mml:mn>1</mml:mn></mml:math> years later. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 315-322.	0.5	24
44	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="italic">SU</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3</mml:mn><mml:mo stretchy="false">)</mml:mo></mml:math> mass-splittings of heavy-baryons in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 236-245.	1.5	51
45	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>f</mml:mi><mml:mn>0</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>980</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (stretchy="false">	1.5	34
46	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msub><mml:mi>K</mml:mi><mml:mrow><mml:mi>e</mml:mi><mml:mn>4</mml:mn></mml:mrow></mml:math> 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.	1.5	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.	1.5	44
48	Investigating different structures for the X(3872). Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 249-252.	0.5	3
49	Can one measure C-odd asymmetry in ?. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 203-206.	0.5	3
50	Light scalar mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 306-311.	0.5	28
51	Power corrections to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>Î±</mml:mi><mml:mi>s</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>M</mml:mi><mml:mi>Ï„</mml:mi></mml:msub><mml:mo) Tj ETQq1 1 0.784314	1.5	111
52		1.5	76
53	Duality between QCD perturbative series and power corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 355-361.	1.5	33
54	Quantum nature of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>V</mml:mi><mml:mrow><mml:mi>u</mml:mi><mml:mi>s</mml:mi></mml:m Two-photon width and gluonic component of. Nuclear Physics, Section B, Proceedings Supplements, 2008, 181-182, 238-242.	0.5	9

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55	Tests of the nature of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Ïƒ</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:msub><mml:mi>f</mml:mi><mml:mn>0</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>600</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (stretchy="false">) from D(s) semileptonic decays. Nuclear Physics, Section B, Proceedings Supplements, 2003, 121, 114-118.	1.5	54
56	Strange quark, tachyonic gluon masses and <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.els. Physics Let	1.5	26
57	The SVZ-Expansion and Beyond. Nuclear Physics, Section B, Proceedings Supplements, 2007, 164, 225-231.	0.5	47
58	QCD tests of the puzzling scalar mesons. Physical Review D, 2006, 73, .	1.6	77
59	Are the pentaquark sum rules reliable?. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 236-241.	0.5	15
60	Heavy-light mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 217-221.	0.5	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.	1.5	100
62	Strange quark, tachyonic gluon masses and <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.els. Physics Let	1.5	16
63	Tests of the nature of the Ïƒ(0.6) from D(s) semileptonic decays. Nuclear Physics, Section B, Proceedings Supplements, 2003, 121, 114-118.	0.5	17
64	Scalar mesons in QCD and tests of the gluon content of the Ïƒ. Nuclear Physics, Section B, Proceedings Supplements, 2003, 121, 131-134.	0.5	12
65	B0d,sâ€“ mass-differences from QCD spectral sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 233-240.	1.5	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.	1.5	89
67	Scalar Mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2001, 96, 244-251.	0.5	28
68	Gluonia, scalar and hybrid mesons in QCD. Nuclear Physics A, 2000, 675, 54-63.	0.6	35
69	Short-distance tachyonic gluon mass and 1/Q2 corrections. Nuclear Physics B, 1999, 550, 353-374.	0.9	201
70	Masses, decays and mixings of gluonia in QCD: a summary. Nuclear Physics, Section B, Proceedings Supplements, 1998, 64, 210-219.	0.5	27
71	Masses, decays and mixings of gluonia in QCD. Nuclear Physics B, 1998, 509, 312-356.	0.9	199
72	Heavy quarkonia mass-splittings in QCD: Test of the 1/m-expansion and estimates of ã€ˆÎ±sG2ã€‰ and Î±s. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 238-243.	0.5	31

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73	Heavy quarkonia mass-splittings in QCD: gluon condensate, Î±s and. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 162-172.	1.5	156
74	QCD tests from e+eâ^' â†' I = 1 hadrons data and implication on the value of Î±S from Ï„-decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 121-130.	1.5	134
75	Target independence of the EMC-SMC effect. Nuclear Physics B, 1995, 433, 209-233.	0.9	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.	1.5	55
77	Determination of the D=2 â€œoperatorâ€•from e+t›â^'data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 300, 293-297.	1.5	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.	1.5	17
79	THE Î±0 (980) AND f0 (975) IN QCD. Modern Physics Letters A, 1989, 04, 1113-1119.	0.5	33
80	QCD TESTS OF: G(1.6)=GLUEBALL. International Journal of Modern Physics A, 1989, 04, 2751-2763.	0.5	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.	1.5	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.	1.5	139
83	Heavy quark mass in the scheme: Revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 405-408.	1.5	105
84	0++ trigluonium sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 191, 437-441.	1.5	21
85	Chiral-symmetry breaking and the light-meson systems. Rivista Del Nuovo Cimento, 1987, 10, 1-43.	2.0	117
86	On the two-photon width of the Î´(980). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 175, 88-96.	1.5	49
87	Gluonium and the 0++ spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 158, 153-157.	1.5	25
88	Non-perturbative QCD vacuum frome +e??I=1 hadron data. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1984, 26, 433-439.	1.5	136
89	On the light meson mass formulae from quantum chromodynamics. Zeitschrift FÃ¼r 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.	1.5	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.	1.5	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.	1.5	17
93	On the Laplace transform of the Weinberg type sum rules and on the properties of pseudoscalar mesons. Zeitschrift FÃ¼r 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.	10.3	223
95	Light quark masses in quantum chromodynamics and chiral symmetry breaking. Zeitschrift FÃ¼r 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.	1.5	32