Narison Stephan

List of Publications by Year
in descending order

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	Techniques of dimensional regularization and the two-point functions of QCD and QED. Physics Reports, 1982, 84, 263-399.	25.6	223
2	Short-distance tachyonic gluon mass and 1/Q2 corrections. Nuclear Physics B, 1999, 550, 353-374.	2.5	201
3	Masses, decays and mixings of gluonia in QCD. Nuclear Physics B, 1998, 509, 312-356.	2.5	199
4	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.	4.1	156
5	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
6	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
7	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
8	Non-perturbative QCD vacuum frome +e??I=1 hadron data. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1984, 26, 433-439.	1.5	136
9	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.	4.1	134
10	Light quark masses in quantum chromodynamics and chiral symmetry breaking. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1981, 8, 335-348.	1.5	126
11	Chiral-symmetry breaking and the light-meson systems. Rivista Del Nuovo Cimento, 1987, 10, 1-43.	5.7	117
12	Gluon condensates and precise <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:mo>,</mml:mo> from QCD-moments and their ratios to order <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif"	4.1	112
13	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	4.1	111
14	xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mo stretchy="false">| </mml:mo><mml:msub><mml:mi>V</mml:mi><mml:mrow><mml:mi>u</mml:mi><mml:mi>s</mml:mi></m. 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
15	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
16	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:mi>b</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mover) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137 Td (accent="true"><mml:mi>m</mm	4.1	93
17	L QCD TESTS OF: G(1.6)=GLUEBALL. International Journal of Modern Physics A, 1989, 04, 2751-2763.	1.5	91
18	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

#	Article	IF	Citations
19	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
20	QCD tests of the puzzling scalar mesons. Physical Review D, 2006, 73, .	4.7	77
21	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
22	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.	4.1	75
23	Doubly-hidden scalar heavy molecules and tetraquarks states from QCD at NLO. Physical Review D, 2020, 102, .	4.7	62
24	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
25	A fresh look into <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:mi>m</mml:mi><mml:mo>Â¯</mml:mo></mml:mover></mml:mrow><mml:mrow><mml:mi>c</mml:mi><mml:m		

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37	Mini-review on QCD spectral sum rules. Nuclear and Particle Physics Proceedings, 2015, 258-259, 189-194.	0.5	39
38	X0,1(2900) and (Dâˆ'K+) invariant mass from QCD Laplace sum rules at NLO. Nuclear Physics A, 2021, 1007, 122113.	1.5	39
39	Gluonia, scalar and hybrid mesons in QCD. Nuclear Physics A, 2000, 675, 54-63.	1.5	35
40	Nature of the X(5568) â€" A critical Laplace sum rule analysis at N2LO. International Journal of Modern Physics A, 2016, 31, 1650093.	1.5	35
41	The f_0 and <mml:math 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 50 582 Td (stretchy="false	4.1	34
42	Ïf and <mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" 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.elsevier.com/x	4.1	34
43	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
44	THE Î±0 (980) AND f0 (975) IN QCD. Modern Physics Letters A, 1989, 04, 1113-1119.	1.2	33
45	Gluonium nature of the <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"	4.1	33
46	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
47	Improved light quark masses from pseudoscalar sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 346-360.	4.1	32
48	<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, .	4.7	32
49	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.	0.4	31
50	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
51	Scalar Mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2001, 96, 244-251.	0.4	28
52	Light scalar mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 306-311.	0.4	28
53	XYZ-like spectra from Laplace sum rule at N2LO in the chiral limit. International Journal of Modern Physics A, 2016, 31, 1650196.	1.5	28
54	Masses, decays and mixings of gluonia in QCD: a summary. Nuclear Physics, Section B, Proceedings Supplements, 1998, 64, 210-219.	0.4	27

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55	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mo stretchy="false">|</mml:mo><mml:msub><mml:mi>V</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mi>d</mml:mi></mml:mrow></mml:msub><mml:mo stretchy="false">|</mml:mo></mml:math>, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mo stretchy="false">|</mml:mo><mml:msub><mml:mi>V</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mi>s</mml:mi></mml:mrow></mml:msub><mml:mo stretchy="false">|</mml:mo></mml:math> Gluonium and the 0++ spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 158, 153-157.	4.1	26
56		4.1	25
57	SVZ 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.	0.4	24
58	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="normal">SVZ</mml:mi></mml:mrow><mml:mo>âŠ•</mml:mo><mml:mn>1</mml:mn><mml:mo stretchy="false">/</mml:mo><mml:msup><mml:mrow><mml:mi>q</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup> versus some QCD holographic models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 111-118.	4.1	23
59	0++ trigluonium sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 191, 437-441.	4.1	21
60	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mrow><mml:mo>â˜’</mml:mo><mml:mo>â˜’</mml:mo></mml:mrow></mml:msup></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mn>0</mml:mn></mml:mrow><mml:mrow><mml:mo>+</mml:mo><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> heavy four-quark and molecule states in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 108-141.	4.1	20
61	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>f</mml:mi></mml:mrow><mml:mrow><mml:mi>B</mml:mi></mml:mrow></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mover accent="true"><mml:mi>m</mml:mi><mml:mo>Â¯</mml:mo></mml:mover></mml:mrow><mml:mrow><mml:mi>b</mml:mi></mml:mrow></mml:msub></mml:math>		

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73	y on <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:mi>m</mml:mi><mml:mo>Â¯</mml:mo></mml:mover></mml:mrow><mml:mrow><mml:mi mathvariant="italic">c</mml:mi><mml:mo>,</mml:mo><mml:mi mathvariant="italic">b</mml:mi></mml:mrow></mml:msub><mml:mo		

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91	f0(980) and 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, 207-20	0.4	3
92	Investigating different structures for the X(3872). Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 249-252.	0.4	3
93	Heavy-light mesons in QCD. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 217-221.	0.4	1
94	Welcome and Acknowledgement by the Chairman of QCD 14. Nuclear and Particle Physics Proceedings, 2015, 258-259, 3-4.	0.5	0
95	Closing content. Nuclear and Particle Physics Proceedings, 2015, 258-259, 279-280.	0.5	0
96	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, .	4.7	0