Francesco Sannino

List of Publications by Year
in descending order

296	10,079	36303	48315
papers	citations	51 h-index	88 g-index

299	299	299	6749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Orientifold theory dynamics and symmetry breaking. Physical Review D, 2005, 71, .	4.7	316
2	Conformal window ofSU(N)gauge theories with fermions in higher dimensional representations. Physical Review D, 2007, 75, .	4.7	293
3	Light composite Higgs boson from higher representations versus electroweak precision measurements: Predictions for CERN LHC. Physical Review D, 2005, 72, .	4.7	275
4	Boosted objects: a probe of beyond the standard model physics. European Physical Journal C, 2011, 71, 1.	3.9	249
5	Search for high-mass dilepton resonances in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math>collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><m the ATLAS detector. Physical Review D, 2014, 90, .	4.7	237
6	Flavour anomalies after the R K âˆ— measurement. Journal of High Energy Physics, 2017, 2017, 1.	4.7	213
7	Putative light scalar nonet. Physical Review D, 1999, 59, .	4.7	205
8	Decaying dark matter can explain thee^{Â±}excesses. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 043-043.	5.4	197
9	Second wave COVID-19 pandemics in Europe: a temporal playbook. Scientific Reports, 2020, 10, 15514.	3.3	196
10	Asymptotic safety guaranteed. Journal of High Energy Physics, 2014, 2014, 1.	4.7	180
11	Dark matter from new technicolor theories. Physical Review D, 2006, 74, .	4.7	173
12	Composite Higgs from higher representations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 89-93.	4.1	165
13	Ultraminimal technicolor and its dark matter technicolor interacting massive particles. Physical Review D, 2008, 78, .	4.7	163
14	Physical spectrum of conformalSU(N)gauge theories. Physical Review D, 1999, 59, .	4.7	162
15	Minimal walking on the lattice. Physical Review D, 2007, 76, .	4.7	161
16	Minimal walking technicolor: Setup for collider physics. Physical Review D, 2007, 76, .	4.7	157
17	Towards working technicolor: Effective theories and dark matter. Physical Review D, 2006, 73, .	4.7	152
18	Simple description of€Ï€scattering to 1 GeV. Physical Review D, 1996, 54, 1991-2004.	4.7	144

#	Article	IF	Citations
19	Fundamental composite (Goldstone) Higgs dynamics. Journal of High Energy Physics, 2014, 2014, 1.	4.7	138
20	Structure functions are not parton probabilities. Physical Review D, 2002, 65, .	4.7	126
21	Confinement versus Chiral Symmetry. Physical Review Letters, 2004, 92, 182302.	7.8	126
22	Supersymmetry inspired QCD beta function. Physical Review D, 2008, 78, .	4.7	126
23	Phase diagram ofSU(2) with 2 flavors of dynamical adjoint quarks. Journal of High Energy Physics, 2008, 2008, 009-009.	4.7	126
24	Ultraviolet and infrared zeros of gauge theories at the four-loop order and beyond. Physical Review D, 2011, 83, .	4.7	105
25	Evidence for a scalar Î²(900) resonance inÏ€Kscattering. Physical Review D, 1998, 58, .	4.7	100
26	Enhanced global symmetries and the chiral phase transition. Physical Review D, 1999, 60, .	4.7	95
27	Conformal windows of SU(N) gauge theories, higher dimensional representations, and the size of the unparticle world. Physical Review D, 2007, 76, .	4.7	95
28	Fundamental composite dynamics: A review. Physics Reports, 2020, 877, 1-70.	25.6	94
29	Light asymmetric dark matter on the lattice: SU(2) technicolor with two fundamental flavors. Physical Review D, 2012, 85, .	4.7	93
30	Light composite Higgs and precision electroweak measurements on theZresonance: An update. Physical Review D, 2006, 73, .	4.7	90
31	Technicolor dark matter. Physical Review D, 2009, 80, .	4.7	89
32	Exploring Ï€Ï€ scattering in the 1/Ncpicture. Physical Review D, 1995, 52, 96-107.	4.7	87
33	Technicolor walks at the LHC. Physical Review D, 2009, 79, .	4.7	83
34	Mining Google and Apple mobility data: temporal anatomy for COVID-19 social distancing. Scientific Reports, 2021, 11, 4150.	3.3	80
35	Fundamental composite Higgs dynamics on the lattice: SU(2) with two flavors. Journal of High Energy Physics, 2014, 2014, 1.	4.7	79
36	Vacuum stability of asymptotically safe gauge-Yukawa theories. Journal of High Energy Physics, 2016, 2016, 1.	4.7	76

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37	Interfering composite asymmetric dark matter as explanation for DAMA and CoGeNT results. Physical Review D, 2011, 84, .	4.7	72
38	Calling for pan-European commitment for rapid and sustained reduction in SARS-CoV-2 infections. Lancet, The, 2021, 397, 92-93.	13.7	71
39	Light magnetic dark matter in direct detection searches. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 010-010.	5.4	67
40	Discovering Technicolor. European Physical Journal Plus, 2011, 126, 1.	2.6	63
41	Comment on â€œConfirmation of the Sigma Mesonâ€• Physical Review Letters, 1997, 78, 1603-1603.	7.8	62
42	Multiwave pandemic dynamics explained: how to tame the next wave of infectious diseases. Scientific Reports, 2021, 11, 6638.	3.3	60
43	X-ray lines from dark matter: the good, the bad, and the unlikely. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 033-033.	5.4	57
44	Higher representations on the lattice: perturbative studies. Journal of High Energy Physics, 2008, 2008, 007-007.	4.7	56
45	Chiral phase transition forSU(N)gauge theories via an effective Lagrangian approach. Physical Review D, 1999, 60, .	4.7	55
46	Unparticle and Higgs boson as composites. Physical Review D, 2009, 79, .	4.7	55
47	Enhanced global symmetry constraints on ïµ terms. Nuclear Physics B, 2001, 592, 371-390.	2.5	54
48	Phases of chiral gauge theories. Physical Review D, 2000, 61, .	4.7	52
49	SU(2) gauge theory with two fundamental flavors: A minimal template for model building. Physical Review D, 2016, 94, .	4.7	52
50	Superfluid and conformal phase transitions of two-color QCD. Physical Review D, 2002, 65, .	4.7	51
51	Conformal windows of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>p</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>N</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 8 xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>O</mml:mi><mml:mo	4.7	51

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55	Asymptotically Safe Standard Model via Vectorlike Fermions. Physical Review Letters, 2017, 119, 261802.	7.8	51
56	Asymptotically safe standard model extensions?. Physical Review D, 2018, 97, .	4.7	51
57	125ÂGeV Higgs boson from a not so light technicolor scalar. Physical Review D, 2013, 87, .	4.7	48
58	Fundamental partial compositeness. Journal of High Energy Physics, 2016, 2016, 1.	4.7	47
59	Conformal window of gauge theories with four-fermion interactions and ideal walking technicolor. Physical Review D, 2010, 82, .	4.7	46
60	Composite Goldstone dark matter: experimental predictions from the lattice. Journal of High Energy Physics, 2014, 2014, 1.	4.7	46
61	Fundamental composite electroweak dynamics: Status at the LHC. Physical Review D, 2017, 95, .	4.7	46
62	Effective Lagrangians for orientifold theories. Physical Review D, 2004, 69, .	4.7	45
63	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	3.9	45
64	Mixed dark matter from technicolor. Physical Review D, 2011, 83, .	4.7	42
65	Light dilaton at fixed points and ultra light scale super-Yangâ€“Mills. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 119-125.	4.1	41
66	Conformal extensions of the standard model with Veltman conditions. Physical Review D, 2014, 89, .	4.7	41
67	Testing the dark SU(N) Yang-Mills theory confined landscape: From the lattice to gravitational waves. Physical Review D, 2021, 104, .	4.7	41
68	Polyakov loops versus hadronic states. Physical Review D, 2002, 66, .	4.7	40
69	Conformal window 2.0: The large <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub></mml:math> safe story. Physical Review D, 2018, 97, .	4.7	39
70	SIMP model at NNLO in chiral perturbation theory. Physical Review D, 2015, 92, .	4.7	38
71	Extending chiral perturbation theory with an isosinglet scalar. Physical Review D, 2017, 95, .	4.7	38
72	Gauge coupling unification via a technicolor model. Physical Review D, 2007, 76, .	4.7	36

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73	Supersymmetric asymptotic safety is not guaranteed. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
74	Flavor physics and flavor anomalies in minimal fundamental partial compositeness. Physical Review D, 2018, 97, .	4.7	36
75	Gravitational waves from Pati-Salam dynamics. Physical Review D, 2020, 102, .	4.7	36
76	Higher representations: Confinement and largeN. Physical Review D, 2005, 72, .	4.7	35
77	The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>a</mml:mi></mml:math>theorem for gauge-Yukawa theories beyond Banks-Zaks fixed point. Physical Review D, 2013, 87, .	4.7	35
78	Asymptotically safe grand unification. Journal of High Energy Physics, 2016, 2016, 1.	4.7	35
79	The W boson mass weighs in on the non-standard Higgs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137232.	4.1	35
80	Electroweak phase transition in nearly conformal technicolor. Physical Review D, 2008, 78, .	4.7	34
81	Hot conformal gauge theories. Physical Review D, 2010, 82, .	4.7	34
82	Unitarity in technicolor. Physical Review D, 2009, 79, .	4.7	33
83	Unnatural origin of fermion masses for technicolor. Journal of High Energy Physics, 2010, 2010, 1.	4.7	33
84	Charging the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">O</mml:mi><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:mi>N</mml:mi><mml:mo mathvariant="bold") Tj ETQq0 0 0 rgBT /Overlock 10 T	4.7	33
85	LargeNcand chiral dynamics. Physical Review D, 2004, 69, .	4.7	32
86	Quark stars as inner engines for Gamma ray bursts?. Astronomy and Astrophysics, 2002, 387, 725-732.	5.1	31
87	Constraining walking and custodial technicolor. Physical Review D, 2008, 77, .	4.7	31
88	Impact of US vaccination strategy on COVID-19 wave dynamics. Scientific Reports, 2021, 11, 10960.	3.3	31
89	A note on anomaly matching for finite density QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 280-286.	4.1	30
90	General structure of relativistic vector condensation. Physical Review D, 2003, 67, .	4.7	30

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91	Mass deformed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi></mml:math>parameter in conformal theories. Physical Review D, 2010, 82, .	4.7	30
92	A safe CFT at large charge. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
93	Minimal composite inflation. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 007-007.	5.4	29
94	Elementary Goldstone Higgs boson and dark matter. Physical Review D, 2015, 91, .	4.7	29
95	Gauge-Yukawa theories: Beta functions at large <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>N</mml:mi></mml:mrow><mml:mrow><mml:mi>f</mml:mi></mml:mrow> Physical Review D, 2018, 98, .	4.7	29
96	Critical Behavior of Non-Order-Parameter Fields. Physical Review Letters, 2003, 91, 092004.	7.8	28
97	Holographic conformal window â€" a bottom up approach. Journal of High Energy Physics, 2010, 2010, 1.	4.7	28
98	Magnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi></mml:math>Parameter. Physical Review Letters, 2010, 105, 232002.	7.8	28
99	Composite inflation setup and glueball inflation. Physical Review D, 2012, 86, .	4.7	28
100	Renormalization Group Approach to Pandemics: The COVID-19 Case. Frontiers in Physics, 2020, 8, .	2.1	28
101	Marginally deformed Starobinsky gravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
102	Framework for an asymptotically safe standard model via dynamical breaking. Physical Review D, 2017, 96, .	4.7	27
103	Radiative symmetry breaking from interacting UV fixed points. Physical Review D, 2017, 96, .	4.7	27
104	Naturalness of Asymptotically Safe Higgs. Frontiers in Physics, 2017, 5, .	2.1	27
105	Induced Universal Properties and Deconfinement. Journal of High Energy Physics, 2004, 2004, 044-044.	4.7	26
106	New solutions to the strong CP problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 369-375.	4.1	26
107	Quantum critical behavior of semisimple gauge theories. Physical Review D, 2016, 93, .	4.7	26
108	Asymptotically safe Pati-Salam theory. Physical Review D, 2018, 98, .	4.7	26

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109	Charging non-Abelian Higgs theories. Physical Review D, 2020, 102, .	4.7	26
110	Dark confinement and chiral phase transitions: gravitational waves vs matter representations. Journal of High Energy Physics, 2022, 2022, 1.	4.7	26
111	Supernovae, hypernovae and color superconductivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 516, 362-366.	4.1	25
112	Relativistic massive vector condensation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 142-148.	4.1	25
113	CONFORMAL HOUSE. International Journal of Modern Physics A, 2010, 25, 4603-4621.	1.5	25
114	First order electroweak phase transition from (non)conformal extensions of the standard model. Physical Review D, 2015, 92, .	4.7	25
115	Interplay of social distancing and border restrictions for pandemics via the epidemic renormalisation group framework. Scientific Reports, 2020, 10, 15828.	3.3	25
116	Anomaly induced QCD potential and quark decoupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 427, 300-306.	4.1	24
117	Low energy theory for 2 flavors at high density QCD. Physical Review D, 2000, 62, .	4.7	23
118	Information on the Super Yang-Mills spectrum. Physical Review D, 2004, 70, .	4.7	23
119	Fourth lepton family is natural in technicolor. Physical Review D, 2010, 81, .	4.7	23
120	Constraining new colored matter from the ratio of 3 to 2 jets cross sections at the LHC. Physical Review D, 2015, 91, .	4.7	23
121	ANOMALY MATCHING IN GAUGE THEORIES AT FINITE MATTER DENSITY. Modern Physics Letters A, 2001, 16, 1871-1880.	1.2	22
122	DARK MATTER EFFECTIVE THEORY. International Journal of Modern Physics A, 2012, 27, 1250065.	1.5	22
123	Asymptotically safe dark matter. Physical Review D, 2015, 92, .	4.7	22
124	Anomalous dimensions of conformal baryons. Physical Review D, 2016, 94, .	4.7	22
125	Phase structure of completely asymptotically free SU(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (xmlns:mml= models with quarks and scalar quarks. Physical Review D, 2018, 97, .	4.7	22
126	Thermal history of composite dark matter. Physical Review D, 2020, 101, .	4.7	22

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127	WWscattering in walking technicolor: No discovery scenarios at the CERN LHC and ILC. Physical Review D, 2008, 78, .	4.7	21
128	Gravitational waves from technicolor. Physical Review D, 2010, 81, .	4.7	21
129	Higher representations duals. Nuclear Physics B, 2010, 830, 179-194.	2.5	21
130	Inflation from asymptotically safe theories. Physical Review D, 2015, 91, .	4.7	21
131	Minimal Coleman-Weinberg theory explains the diphoton excess. Physical Review D, 2016, 93, .	4.7	21
132	Tetracritical behavior in strongly interacting theories. Physical Review D, 2004, 70, .	4.7	20
133	LIGHT COMPOSITE HIGGS: LCH @ LHC. International Journal of Modern Physics A, 2005, 20, 6133-6148.	1.5	20
134	QCD dual. Physical Review D, 2009, 80, .	4.7	20
135	Primordial tensor modes from quantum corrected inflation. Physical Review D, 2014, 90, .	4.7	20
136	Classification of NLO operators for composite Higgs models. Physical Review D, 2018, 97, .	4.7	20
137	Alternative large<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>schemes and chiral dynamics. Physical Review D, 2007, 76, .	4.7	19
138	The physics of the $\hat{\imath}$-angle for composite extensions of the standard model. European Physical Journal Plus, 2014, 129, 1.	2.6	19
139	Near-conformal dynamics at large charge. Physical Review D, 2020, 101, .	4.7	19
140	Toy model for breaking super gauge theories at the effective Lagrangian level. Physical Review D, 1998, 57, 170-179.	4.7	18
141	Flavor dependence of the S-parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 229-235.	4.1	18
142	Composite inflation from super Yang-Mills theory, orientifold, and one-flavor QCD. Physical Review D, 2012, 86, .	4.7	18
143	More on the weak gravity conjecture via convexity of charged operators. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
144	Perturbative realization of Miransky scaling. Physical Review D, 2012, 86, .	4.7	17

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145	Jumping out of the light-Higgs conformal window. Physical Review D, 2013, 87, .	4.7	17
146	Orthogonal technicolor with isotriplet dark matter on the lattice. Physical Review D, 2013, 87, .	4.7	17
147	Conformal gauge-Yukawa theories away from four dimensions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
148	Complete asymptotically safe embedding of the standard model. Physical Review D, 2019, 99, .	4.7	17
149	Variant-driven early warning via unsupervised machine learning analysis of spike protein mutations for COVID-19. Scientific Reports, 2022, 12, .	3.3	17
150	Extra electroweak phase transitions from strong dynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 251-254.	4.1	16
151	An ultraviolet chiral theory of the top for the fundamental composite (Goldstone) Higgs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 328-331.	4.1	16
152	Composite Higgs Dynamics on the Lattice. EPJ Web of Conferences, 2017, 137, 10005.	0.3	16
153	The glueball sector of two-flavor color superconductivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 66-73.	4.1	15
154	Conformal chiral dynamics. Physical Review D, 2009, 80, .	4.7	15
155	Theory and phenomenology of the elementary Goldstone Higgs boson. Physical Review D, 2015, 92, .	4.7	15
156	Asymptotically safe clockwork mechanism. Physical Review D, 2019, 100, .	4.7	15
157	Untangling scaling dimensions of fixed charge operators in Higgs theories. Physical Review D, 2021, 103, .	4.7	15
158	Generalization of the bound state model. Physical Review D, 1997, 56, 4098-4114.	4.7	14
159	Supernova constraint on bulk Majorons. Physical Review D, 2002, 66, .	4.7	14
160	Charge asymmetric cosmic rays as a probe of flavor violating asymmetric dark matter. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 021-021.	5.4	14
161	JUMPING DYNAMICS. Modern Physics Letters A, 2013, 28, 1350127.	1.2	14
162	Minimal composite dynamics versus axion origin of the diphoton excess. Modern Physics Letters A, 2016, 31, 1650155.	1.2	14

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163	Asymptotically safe and free chiral theories with and without scalars. Physical Review D, 2017, 96, .	4.7	14
164	Minimal fundamental partial compositeness. Physical Review D, 2018, 98, .	4.7	14
165	Partial deconfinement in color superconductivity. Physical Review D, 2002, 66, .	4.7	13
166	Gamma ray constraints on flavor violating asymmetric dark matter. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 002-002.	5.4	13
167	Exceptional and spinorial conformal windows. Physical Review D, 2012, 86, .	4.7	13
168	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi></mml:math>parameters from a light nonstandard Higgs particle. Physical Review D, 2013, 87, .	4.7	13
169	Diboson signals via Fermi scale spin-one states. Physical Review D, 2015, 92, .	4.7	13
170	Higgs critical exponents and conformal bootstrap in four dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
171	Renormalization Group Approach to Pandemics as a Time-Dependent SIR Model. Frontiers in Physics, 2021, 8, .	2.1	13
172	Electroweak physics for color superconductivity. Physical Review D, 2001, 63, .	4.7	12
173	N=1 Matter from Fractional Branes. Journal of High Energy Physics, 2002, 2002, 010-010.	4.7	12
174	Spontaneous symmetry breaking in gauge theories via Bose-Einstein condensation. Physical Review D, 2003, 68, .	4.7	12
175	Minimal supersymmetric technicolor. European Physical Journal C, 2011, 71, 1.	3.9	12
176	Safe SUSY. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
177	Towards the QED beta function and renormalons at 1/Nf2 and 1/Nf3. Physical Review D, 2020, 102, .	4.7	12
178	Safety versus triviality on the lattice. Physical Review D, 2020, 101, .	4.7	12
179	Charging the conformal window. Physical Review D, 2021, 103, .	4.7	12
180	More on the cubic versus quartic interaction equivalence in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>O</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>N</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> model. Physical Review D, 2021, 104, .	4.7	12

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181	Extending the Veneziano-Yankielowicz effective theory. Physical Review D, 2004, 70, .	4.7	11
182	Electroweak phase transition in ultraminimal technicolor. Physical Review D, 2009, 79, .	4.7	11
183	Stable EÏ‡tensions with(out) gravity. Nuclear Physics B, 2014, 886, 125-134.	2.5	11
184	Analytic coupling structure of large <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>N</mml:mi><mml:mi>f</mml:mi></mml:msub></mml:math> (super) QED and QCD. Physical Review D, 2019, 100, .	4.7	11
185	Chiral models in noncommutativeN=1/2four dimensional superspace. Physical Review D, 2005, 71, .	4.7	10
186	Dual of QCD with one adjoint fermion. Physical Review D, 2011, 83, .	4.7	10
187	Cosmic-ray sum rules. Physical Review D, 2011, 83, .	4.7	10
188	DARK MATTER INTERFERENCE. Modern Physics Letters A, 2012, 27, 1250108.	1.2	10
189	K s ??+???: a laboratory for meson dynamics. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 59, 451-456.	1.5	9
190	MINIMAL FLAVOR CONSTRAINTS FOR TECHNICOLOR. International Journal of Modern Physics A, 2010, 25, 3911-3932.	1.5	9
191	Perturbative extension of the standard model with a 125ÂGeV Higgs boson and magnetic dark matter. Physical Review D, 2013, 87, .	4.7	9
192	LUX constraints on magnetic dark matter in a perturbative extension of the standard model with(out) naturality. Physical Review D, 2014, 89, .	4.7	9
193	Asymptotically free and safe fate of symmetry nonrestoration. Physical Review D, 2021, 103, .	4.7	9
194	Evidence for Complex Fixed Points in Pandemic Data. Frontiers in Applied Mathematics and Statistics, 2021, 7, .	1.3	9
195	Corrigan-Ramond extension of QCD at nonzero baryon density. Physical Review D, 2006, 74, .	4.7	8
196	Nonperturbative results for Yang-Mills theories. Physical Review D, 2010, 82, .	4.7	8
197	Extreme technicolor & the walking critical temperature. Journal of High Energy Physics, 2011, 2011, 1.	4.7	8
198	Hints of a charge asymmetry in the electron and positron cosmic-ray excesses. Physical Review D, 2013, 87, .	4.7	8

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199	Ideal walking dynamics via a gauged NJL model. Physical Review D, 2017, 96, .	4.7	8
200	Hyperfine splitting of low-lying heavy baryons. Nuclear Physics A, 1997, 625, 789-816.	1.5	7
201	super-Yangâ€“Mills renormalization schemes for fractional branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 162-168.	4.1	7
202	Hidden QCD in chiral gauge theories. Physical Review D, 2006, 73, .	4.7	7
203	PHASE DIAGRAM OF STRONGLY INTERACTING THEORIES. International Journal of Modern Physics A, 2010, 25, 5145-5161.	1.5	7
204	Supersymmetric extension of technicolor & fermion mass generation. Nuclear Physics B, 2012, 864, 664-693.	2.5	7
205	Magnetic fixed points and emergent supersymmetry. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
206	Thermodynamics of asymptotically safe theories. Physical Review D, 2015, 92, .	4.7	7
207	Publisherâ€™s Note: Constraining new colored matter from the ratio of 3 to 2 jets cross sections at the LHC [Phys. Rev. D91, 015010 (2015)]. Physical Review D, 2015, 92, .	4.7	7
208	Collider tests of (composite) diphoton resonances. Nuclear Physics B, 2016, 911, 106-126.	2.5	7
209	Radiatively induced Fermi scale and unification. Physical Review D, 2016, 93, .	4.7	7
210	Inflation and pseudo-Goldstone Higgs boson. Physical Review D, 2017, 95, .	4.7	7
211	Conformal phase diagram of complete asymptotically free theories. Physical Review D, 2017, 96, .	4.7	7
212	Naturalness of lepton non-universality and muon g-2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 825, 136864.	4.1	7
213	Epidemiological theory of virus variants. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127071.	2.6	7
214	Hidden structure in a Lagrangian for hyperfine splitting of the heavy baryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 329-334.	4.1	6
215	Technicolor and Beyond: Unification in Theory Space. Journal of Physics: Conference Series, 2010, 259, 012003.	0.4	6
216	Four-fermion limit of gauge-Yukawa theories. Physical Review D, 2015, 92, .	4.7	6

#	Article	IF	Citations
217	Scaling behavior in soliton models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 5-12.	4.1	5
218	Review of Vector Condensation at High Chemical Potential. AIP Conference Proceedings, 2003, , .	0.4	5
219	COMPOSITE HIGGS TO TWO PHOTONS AND GLUONS. Modern Physics Letters A, 2011, 26, 2313-2322.	1.2	5
220	THE STANDARD MODEL IS NATURAL AS MAGNETIC GAUGE THEORY. Modern Physics Letters A, 2011, 26, 1763-1769.	1.2	5
221	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>W</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math>limits for minimal walking technicolor. Physical Review D, 2012, 85, .	4.7	5
222	Nonperturbative results for two-index conformal windows. Journal of High Energy Physics, 2015, 2015, 1-11.	4.7	5
223	Large<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi></mml:math>scalars: From glueballs to dynamical Higgs models. Physical Review D, 2016, 93, .	4.7	5
224	Baryogenesis via elementary Goldstone Higgs relaxation. Physical Review D, 2016, 93, .	4.7	5
225	Vacuum alignment with and without elementary scalars. Physical Review D, 2016, 94, .	4.7	5
226	Template Composite Dark Matter : SU(2) gauge theory with 2 fundamental flavours.. , 2016, , .		5
227	The analytic structure of the fixed charge expansion. Journal of High Energy Physics, 2022, 2022, .	4.7	5
228	Deconfinement and chiral symmetry restoration. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1255-S1258.	3.6	4
229	Duality in the color flavor locked spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 133-138.	4.1	4
230	N=1super Yang-Mills domain walls via the extended Veneziano-Yankielowicz theory. Physical Review D, 2005, 71, .	4.7	4
231	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi></mml:math>parameter at nonzero temperature and chemical potential. Physical Review D, 2011, 84, .	4.7	4
232	Standard model-like corrections to dilatonic dynamics. Journal of High Energy Physics, 2013, 2013, 1.	4.7	4
233	Nambuâ€“Jona-Lasinio model with Wilson fermions. Physical Review D, 2017, 95, .	4.7	4
234	Conformal data of fundamental gauge-Yukawa theories. Physical Review D, 2018, 98, .	4.7	4

#	Article	IF	Citations
235	Instantons in asymptotically safe and free quantum field theories. Physical Review D, 2019, 99, .	4.7	4
236	Effective mathematical modelling of health passes during a pandemic. Scientific Reports, 2022, 12, 6989.	3.3	4
237	PossibleZ-width probe of a â€œbrane-worldâ€•scenario for neutrino masses. Physical Review D, 2002, 65, .	4.7	3
238	Cosmic ray electron and positron excesses from a fourth generation heavy Majorana neutrino. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 018-018.	5.4	3
239	Neutrino masses and ordering via multimessenger astronomy. Physical Review D, 2016, 94, .	4.7	3
240	Uncovering new strong dynamics via topological interactions at the 100ÂTeV collider. Physical Review D, 2017, 96, .	4.7	3
241	a -theorem at large Nf. Physical Review D, 2019, 99, .	4.7	3
242	Thrust distribution for 3-jet production from e+eâ^' annihilation within the QCD conformal window and in QED. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136728.	4.1	3
243	Structure functions are not parton probabilities. Nuclear Physics, Section B, Proceedings Supplements, 2002, 108, 303-306.	0.4	2
244	Hidden modulus in the extended Veneziano-Yankielowicz theory. Physical Review D, 2005, 72, .	4.7	2
245	Pseudo Goldstone Bosons phenomenology in Minimal Walking Technicolor. European Physical Journal C, 2012, 72, 1.	3.9	2
246	Raising the SUSY-breaking scale in a Goldstoneâ€“Higgs model. Modern Physics Letters A, 2017, 32, 1750143.	1.2	2
247	Real and complex fundamental partial compositeness. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
248	ANOMALY MATCHING AND LOW ENERGY THEORIES AT HIGH MATTER DENSITY. , 2003, , .		2
249	Violation of the rule in D â†' Ï€Ï€ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 259-262.	4.1	1
250	Color superconductivity: Symmetries and effective Lagrangians. AIP Conference Proceedings, 2001, , .	0.4	1
251	BOUNDS ON THE COUPLING CONSTANTS OF THE MAJORON TO TWO NEUTRINOS IN EXTRA DIMENSIONS FROM Z â†' Î½Î½(J) DECAY. International Journal of Modern Physics A, 2005, 20, 6247-6257.	1.5	1
252	Vanilla technicolor at linear colliders. Physical Review D, 2011, 84, .	4.7	1

#	Article	IF	Citations
253	extended MSSM. Nuclear Physics B, 2012, 856, 647-665.	2.5	1
254	THE MIRAGE OF THE FERMI SCALE. Modern Physics Letters A, 2013, 28, 1350140.	1.2	1
255	Custodial vector model. Physical Review D, 2015, 92, .	4.7	1
256	Editorial: From the Fermi Scale to Cosmology. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	1
257	Composite (Goldstone) Higgs Dynamics on the Lattice: Spectrum of SU(2) Gauge Theory with two Fundamental Fermions. , 2015, , .		1
258	The scalar sector of $SU(2)$ gauge theory with $N_F=2$ fundamental flavours. , 2017, , .		1
259	Adjoint SU(2) with Four Fermion Interactions. , 2016, , .		1
260	VECTOR CONDENSATION AT LARGE CHEMICAL POTENTIAL. , 2002, , .		1
261	A MASS SPECTRUM FOR LEPTONS AND QUARKS. Modern Physics Letters A, 1993, 08, 1519-1526.	1.2	0
262	Energy-charge correlation in the ?+???0 decay ofK L and of tagged neutral kaons. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1995, 66, 135-140.	1.5	0
263	From super QCD to QCD. , 1998, , .		0
264	Chiral phase transition for SU(N) gauge theories. , 1999, , .		0
265	Higgs Mechanism via Bose-Einstein Condensation. AIP Conference Proceedings, 2003, , .	0.4	0
266	New Strong Interactions: From QCD to LHC. Acta Physica Hungarica A Heavy Ion Physics, 2006, 27, 335-338.	0.4	0
267	Perturbative Minimal Superconformal Technicolor. Journal of Physics: Conference Series, 2010, 259, 012054.	0.4	0
268	Minimal Flavor Constraints for Technicolor. Nuclear Physics, Section B, Proceedings Supplements, 2010, 209, 176-181.	0.4	0
269	Higgs Discovery: Impact on Composite Dynamics Technicolor & eXtreme Compositeness Thinking Fast and Slow. , 2014, , .		0
270	Publisherâ€™s Note: Custodial vector model [Phys. Rev. D92, 015013 (2015)]. Physical Review D, 2015, 92, .	4.7	0

#	Article	IF	Citations
271	Viscous conformal gauge theories. Physical Review D, 2017, 96, .	4.7	0
272	High energy fate of the minimal Goldstone Higgs boson. Physical Review D, 2018, 98, .	4.7	0
273	Dual renormalization group flows in 4D. Physical Review D, 2019, 99, .	4.7	0
274	Safe hologram. Modern Physics Letters A, 2020, 35, 2050273.	1.2	0
275	Call for a pan-European COVID-19 response must be comprehensive â€“ Authors' reply. Lancet, The, 2021, 397, 1541.	13.7	0
276	Enhanced Global Symmetries and a Strong Electroweak Sector. , 2000, , 329-337.		0
277	EFFECTIVE LAGRANGIANS FOR QCD: DECONFINEMENT AND CHIRAL SYMMETRY RESTORATION. , 2004, , .		0
278	PREDICTIONS FOR QCD FROM SUPERSYMMETRY. , 2004, , .		0
279	OPENING THE WINDOW FOR TECHNICOLOR. , 2005, , .		0
280	Phase Diagram of Strongly Interacting Theories. , 2011, , .		0
281	Review of Minimal Flavor Constraints for Technicolor. , 2011, , .		0
282	Beyond QCD: A Composite Universe. , 2012, , .		0
283	Minimal Technicolor Models: Toccata and Fugue. SpringerBriefs in Physics, 2013, , 61-87.	0.7	0
284	Conformal Dynamics Interlude. SpringerBriefs in Physics, 2013, , 31-60.	0.7	0
285	Composite Dark Matters: Coda. SpringerBriefs in Physics, 2013, , 89-99.	0.7	0
286	Technicolor Prelude. SpringerBriefs in Physics, 2013, , 1-29.	0.7	0
287	Predictions for LHC from SO(4) MWT. , 2014, , .		0
288	Scattering lengths in SU(2) Gauge Theory with two Fundamental Fermions. , 2015, , .		0

#	Article	IF	Citations
289	Conformal symmetry vs. chiral symmetry breaking in the SU(3) sextet model. , 2016, , .		0
290	Wilson Fermions with Four Fermion Interactions. , 2016, , .		0
291	Revealing BSM composite dynamics via topological interactions at future colliders. , 2017, , .		0
292	Rethinking Naturalness: Can the Higgs be Elementary?. , 2018, , .		0
293	On neutrino properties and gravitational waves. , 2018, , .		0
294	Quantum Kate - a model for physics outreach. , 2019, , .		0
295	Chiral Perturbation Theory with an Isosinglet Scalar. , 2019, , .		0
296	EFFECTIVE LAGRANGIANS FOR QCD: DUALITY AND EXACT RESULTS. , 2006, , 147-164.		0