

# Riccardo Rattazzi

## List of Publications by Year in descending order

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65  
papers

10,572  
citations

66250

44  
h-index

124990

64  
g-index

66  
all docs

66  
docs citations

66  
times ranked

7434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning from radiation at a very high energy lepton collider. Journal of High Energy Physics, 2022, 2022, .	1.6	14
2	Gapped Goldstones at the cut-off scale: a non-relativistic EFT. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2
3	Positive moments for scattering amplitudes. Physical Review D, 2021, 104, .	1.6	86
4	Higgs Boson studies at future particle colliders. Journal of High Energy Physics, 2020, 2020, 1.	1.6	168
5	Feynman diagrams and the large charge expansion in $3\hat{\epsilon}\hat{\mu}$ dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135202.	1.5	33
6	Electroweak baryogenesis above the electroweak scale. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
7	The epsilon expansion meets semiclassics. Journal of High Energy Physics, 2019, 2019, 1.	1.6	64
8	Which EFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	46
9	Rotating superfluids and spinning charged operators in conformal field theory. Physical Review D, 2018, 97, .	1.6	20
10	Gaugid inflation. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 041-041.	1.9	18
11	Semiclassics, Goldstone bosons and CFT data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	90
12	Precision tests and fine tuning in twin Higgs models. Physical Review D, 2017, 96, .	1.6	19
13	Patterns of strong coupling for LHC searches. Journal of High Energy Physics, 2016, 2016, 1.	1.6	57
14	What is the $\hat{1}^3$ resonance at 750 GeV?. Journal of High Energy Physics, 2016, 2016, 1.	1.6	176
15	Zoology of condensed matter: framids, ordinary stuff, extra-ordinary stuff. Journal of High Energy Physics, 2015, 2015, 1.	1.6	130
16	The composite twin Higgs scenario. Journal of High Energy Physics, 2015, 2015, 1.	1.6	105
17	Strong Higgs interactions at a linear collider. Journal of High Energy Physics, 2014, 2014, 1.	1.6	68
18	The local Callan-Symanzik equation: structure and applications. Journal of High Energy Physics, 2014, 2014, 1.	1.6	54

#	ARTICLE	IF	CITATIONS
19	A first top partner hunter's guide. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	199
20	A naturally light dilaton. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	68
21	The a-theorem and the asymptotics of 4D quantum field theory. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	166
22	On Partial Compositeness and the CP asymmetry in charm decays. <i>Nuclear Physics B</i> , 2013, 867, 394-428.	0.9	84
23	Unification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 715, 142-148.	1.5	27
24	Probing the scattering of equivalent electroweak bosons. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	29
25	The other natural two Higgs doublet model. <i>Nuclear Physics B</i> , 2011, 853, 1-48.	0.9	193
26	The quantum mechanics of perfect fluids. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	79
27	Lopsided gauge mediation. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	25
28	On the effect of resonances in composite Higgs phenomenology. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	163
29	Theoretical constraints on the Higgs effective couplings. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	134
30	Strong double higgs production at the LHC. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	189
31	Energy's and amplitudes' positivity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	151
32	Energy's and amplitudes' positivity. , 2010, 2010, 1.		1
33	Gauge boson mass generation in AdS <sub>4</sub> . <i>Journal of High Energy Physics</i> , 2009, 2009, 025-025.	1.6	8
34	Gaugino mass in AdS space. <i>Journal of High Energy Physics</i> , 2009, 2009, 043-043.	1.6	14
35	Natural $\hat{1}/4$ and $\hat{B}1/4$ in gauge mediation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 660, 545-549.	1.5	57
36	Bounding scalar operator dimensions in 4D CFT. <i>Journal of High Energy Physics</i> , 2008, 2008, 031-031.	1.6	639

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37	The strongly-interacting light Higgs. <i>Journal of High Energy Physics</i> , 2007, 2007, 045-045.	1.6	689
38	Living dangerously with low-energy supersymmetry. <i>Nuclear Physics B</i> , 2006, 757, 19-46.	0.9	106
39	Causality, analyticity and an IR obstruction to UV completion. <i>Journal of High Energy Physics</i> , 2006, 2006, 014-014.	1.6	717
40	Null energy condition and superluminal propagation. <i>Journal of High Energy Physics</i> , 2006, 2006, 025-025.	1.6	264
41	D-type supersymmetry breaking and brane-to-brane gravity mediation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 624, 260-269.	1.5	21
42	Gravitational quantum corrections in warped supersymmetric brane worlds. <i>Nuclear Physics B</i> , 2005, 720, 3-46.	0.9	34
43	Classical and Quantum Consistency of the DGP Model. <i>Journal of High Energy Physics</i> , 2004, 2004, 059-059.	1.6	462
44	Electroweak symmetry breaking after LEP1 and LEP2. <i>Nuclear Physics B</i> , 2004, 703, 127-146.	0.9	462
45	Brane to brane gravity mediation of supersymmetry breaking. <i>Nuclear Physics B</i> , 2003, 674, 171-216.	0.9	62
46	Strong interactions and stability in the DGP model. <i>Journal of High Energy Physics</i> , 2003, 2003, 029-029.	1.6	552
47	Holography and the electroweak phase transition. <i>Journal of High Energy Physics</i> , 2002, 2002, 051-051.	1.6	126
48	Graviscalars from higher-dimensional metrics and curvature-Higgs mixing. <i>Nuclear Physics B</i> , 2001, 595, 250-276.	0.9	241
49	Comments on the Holographic Picture of the Randall-Sundrum Model. <i>Journal of High Energy Physics</i> , 2001, 2001, 021-021.	1.6	361
50	Graviton loops and brane observables. <i>Journal of High Energy Physics</i> , 2001, 2001, 005-005.	1.6	48
51	Phenomenology of deflected anomaly-mediation. <i>Nuclear Physics B</i> , 2000, 576, 3-28.	0.9	89
52	Soft supersymmetry breaking in deformed moduli spaces, conformal theories, and Script N = 2 Yang-Mills theory. <i>Journal of High Energy Physics</i> , 1999, 1999, 001-001.	1.6	73
53	Implications of exact SUSY gauge couplings for QCD. <i>Physical Review D</i> , 1999, 59, .	1.6	12
54	Theories with gauge-mediated supersymmetry breaking. <i>Physics Reports</i> , 1999, 322, 419-499.	10.3	1,039

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55	Exact results for non-holomorphic masses in softly broken supersymmetric gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 290-296.	1.5	49
56	Extracting supersymmetry-breaking effects from wave-function renormalization. Nuclear Physics B, 1998, 511, 25-44.	0.9	230
57	Gaugino mass without singlets. Journal of High Energy Physics, 1998, 1998, 027-027.	1.6	1,033
58	Supersymmetry-breaking loops from analytic continuation into superspace. Physical Review D, 1998, 58, .	1.6	135
59	Gauge-Mediated Supersymmetry Breaking. Advanced Series on Directions in High Energy Physics, 1998, , 355-377.	0.7	7
60	Dynamical soft terms with unbroken supersymmetry. , 1998, 510, 12-12.		85
61	Large $\tan \hat{\beta}^2$ in gauge-mediated SUSY-breaking models. Nuclear Physics B, 1997, 501, 297-331.	0.9	112
62	A simple complete model of Gauge-mediated SUSY-breaking and dynamical relaxation mechanism for solving the $\hat{b}^2$ -problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 336-341.	1.5	48
63	Inverse hierarchy approach to fermion masses. Nuclear Physics B, 1993, 407, 249-270.	0.9	23
64	Universal seesaw and radiative quark mass hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 124-130.	1.5	44
65	Phenomenological implications of a heavy isosinglet up-type quark. Nuclear Physics B, 1990, 335, 301-310.	0.9	9