

# Marco Panero

## List of Publications by Year in descending order

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48  
papers

1,443  
citations

304743

22  
h-index

315739

38  
g-index

49  
all docs

49  
docs citations

49  
times ranked

658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamics of the QCD Plasma and the Large- $N$ Limit. Physical Review Letters, 2009, 103, 232001.	7.8	239
2	gauge theories at large. Physics Reports, 2013, 526, 93-163.	25.6	208
3	Lattice Study of the Jet Quenching Parameter. Physical Review Letters, 2014, 112, 162001.	7.8	84
4	Mesons in large- $N$ QCD. Journal of High Energy Physics, 2013, 2013, 1.	4.7	68
5	String effects in the 3d gauge Ising model. Journal of High Energy Physics, 2003, 2003, 057-057.	4.7	62
6	A numerical study of confinement in compact QED. Journal of High Energy Physics, 2005, 2005, 066-066.	4.7	59
7	Numerical simulations of a non-commutative theory: the scalar model on the fuzzy sphere. Journal of High Energy Physics, 2007, 2007, 082-082.	4.7	51
8	The interface free energy: comparison of accurate Monte Carlo results for the 3D Ising model with effective interface models. Journal of High Energy Physics, 2007, 2007, 117-117.	4.7	34
9	Thermodynamics of $SU(N)$ Yang-Mills theories in $2 + 1$ dimensions II – The deconfined phase. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
10	Introductory lectures to large- $N$ QCD phenomenology and lattice results. Progress in Particle and Nuclear Physics, 2014, 75, 1-40.	14.4	34
11	A different kind of string. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
12	Thermodynamics of $SU(N)$ Yang-Mills theories in $2 + 1$ dimensions I – The confining phase. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
13	Comparing the Nambu-Goto string with LGT results. Journal of High Energy Physics, 2005, 2005, 026-026.	4.7	32
14	Casimir scaling and renormalization of Polyakov loops in large- $N$ gauge theories. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
15	String effects in Polyakov loop correlators. Journal of High Energy Physics, 2002, 2002, 061-061.	4.7	29
16	Hagedorn spectrum and thermodynamics of $SU(2)$ and $SU(3)$ Yang-Mills theories. Journal of High Energy Physics, 2015, 2015, 1.	4.7	29
17	Strong dynamics with matter in multiple representations: $SU(4)$ gauge theory with fundamental and sextet fermions. European Physical Journal C, 2019, 79, 1.	3.9	29
18	The phase diagram of Yang-Mills theory with a compact extra dimension. Journal of High Energy Physics, 2010, 2010, 1.	4.7	28

#	ARTICLE	IF	CITATIONS
19	High precision Monte Carlo simulations of interfaces in the three-dimensional Ising model: a comparison with the Nambu-Goto effective string model. <i>Journal of High Energy Physics</i> , 2006, 2006, 084-084.	4.7	26
20	QCD thermodynamics from lattice calculations with nonequilibrium methods: The SU(3) equation of state. <i>Physical Review D</i> , 2018, 98, .	4.7	25
21	Exceptional thermodynamics: the equation of state of G2 gauge theory. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	23
22	Width of the flux tube in compact U(1) gauge theory in three dimensions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	22
23	Glueballs amass at the RHIC and LHC! The early quarkless first-order phase transition at $\langle T \rangle = 270$ MeV from pure Yang-Mills glue plasma to Hagedorn glueball states. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 015105.	3.6	22
24	Excluded-volume effects for a hadron gas in Yang-Mills theory. <i>Physical Review D</i> , 2017, 95, .	4.7	19
25	Jarzynski's theorem for lattice gauge theory. <i>Physical Review D</i> , 2016, 94, .	4.7	17
26	On the effective string spectrum of the tridimensional Bbb Z2gauge model. <i>Journal of High Energy Physics</i> , 2006, 2006, 076-076.	4.7	16
27	The continuum phase diagram of the 2d non-commutative $\hat{\mathbb{R}}^4$ model. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	16
28	Universal signatures of the effective string in finite temperature lattice gauge theories. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	15
29	Lattice QCD study of inclusive semileptonic decays of heavy mesons. <i>Journal of High Energy Physics</i> , 2022, 2022, .	4.7	15
30	Numerical properties of staggered quarks with a taste-dependent mass term. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	13
31	Stochastic normalizing flows as non-equilibrium transformations. <i>Journal of High Energy Physics</i> , 2022, 2022, .	4.7	13
32	Polyakov loops and spectral properties of the staggered Dirac operator. <i>Physical Review D</i> , 2008, 78, .	4.7	10
33	Fluctuations of the baryonic flux-tube junction from effective string theory. <i>Physical Review D</i> , 2009, 79, .	4.7	9
34	Recent results in large-N lattice gauge theories. , 2012, , .		9
35	Strong coupling from non-equilibrium Monte Carlo simulations. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	8
36	Conformal field theory and the hot phase of three-dimensional U(1) gauge theory. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	7

#	ARTICLE	IF	CITATIONS
37	Quantum Field Theory in a Non-Commutative Space: Theoretical Predictions and Numerical Results on the Fuzzy Sphere. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 2006, , .	0.5	5
38	Conformal perturbation theory confronts lattice results in the vicinity of a critical point. <i>Physical Review D</i> , 2019, 100, .	4.7	4
39	Topological excitations in statistical field theory at the upper critical dimension. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	4
40	Critical exponents and transport properties near the QCD critical endpoint from the statistical bootstrap model. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	4
41	NONLOCAL REGULARISATION OF NONCOMMUTATIVE FIELD THEORIES. <i>Modern Physics Letters A</i> , 2006, 21, 1851-1863.	1.2	3
42	Jet quenching from the lattice. <i>Nuclear Physics A</i> , 2014, 931, 393-398.	1.5	3
43	Numerical properties of overlap staggered fermions. , 2011, , .		3
44	Confinement-deconfinement and universal string effects from random percolation. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 129-130, 736-738.	0.4	2
45	Investigating jet quenching on the lattice. <i>Nuclear Physics A</i> , 2014, 932, 122-127.	1.5	2
46	Guest Editor's Preface to the Special Issue on lattice gauge theories beyond QCD. <i>International Journal of Modern Physics A</i> , 2016, 31, 1602002.	1.5	1
47	The equation of state with non-equilibrium methods. <i>EPJ Web of Conferences</i> , 2018, 175, 07028.	0.3	1
48	Percolating cluster of center vortices and confinement. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003, 119, 760-762.	0.4	0