

Massimo Porrati

List of Publications by Year in descending order

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41
papers

1,937
citations

331670

21
h-index

276875

41
g-index

41
all docs

41
docs citations

41
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Target space duality in string theory. Physics Reports, 1994, 244, 77-202.	25.6	771
2	General dimensional reduction of ten-dimensional supergravity and superstring. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 181, 263-268.	4.1	170
3	$g=2$ as the natural value of the tree-level gyromagnetic ratio of elementary particles. Physical Review D, 1992, 46, 3529-3537.	4.7	145
4	Dressed Hard States and Black Hole Soft Hair. Physical Review Letters, 2016, 117, 211301.	7.8	98
5	Effective lagrangians for four-dimensional superstrings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 192, 368-376.	4.1	89
6	Soft hair as a soft wig. Classical and Quantum Gravity, 2017, 34, 204001.	4.0	73
7	The manifolds of scalar background fields in ZN orbifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 216, 289-296.	4.1	44
8	String Theory and the Velo-Zwanziger problem. Nuclear Physics B, 2011, 846, 250-282.	2.5	38
9	S-duality in N = 4 Yang-Mills theories with general gauge groups. Nuclear Physics B, 1995, 448, 127-165.	2.5	36
10	Causal propagation of a charged spin $3/2$ field in an external electromagnetic background. Physical Review D, 2009, 80, .	4.7	35
11	Properties of dual supertranslation charges in asymptotically flat spacetimes. Physical Review D, 2019, 100, .	4.7	35
12	Duality invariant string algebra and D = 4 effective actions. Nuclear Physics B, 1991, 355, 422-454.	2.5	34
13	A completely duality invariant effective action of N = 4 heterotic strings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 54-60.	4.1	33
14	Intrinsic cutoff and acausality for massive spin 2 fields coupled to electromagnetism. Nuclear Physics B, 2008, 801, 174-186.	2.5	27
15	Massive fields coupled to gravity. Tree-level unitarity versus the equivalence principle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 304, 77-80.	4.1	26
16	Comments on Lorentz transformations, dressed asymptotic states and Hawking radiation. Journal of High Energy Physics, 2019, 2019, 1.	4.7	26
17	Observable supertranslations. Physical Review D, 2017, 96, .	4.7	25
18	Unitary truncations and critical gravity: a toy model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	23

#	ARTICLE	IF	CITATIONS
19	On a canonical quantization of 3D Anti de Sitter pure gravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
20	Flux discharge cascades in various dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
21	Free boundary conditions and the AdS3/CFT2 correspondence. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
22	Massive higher spin states in string theory and gravitational quadrupoles. Physical Review D, 1999, 59, .	4.7	17
23	Kac-Moody and Virasoro characters from the perturbative Chern-Simons path integral. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17
24	ON SUB-MILLIMETER FORCES FROM EXTRA DIMENSIONS. Modern Physics Letters A, 2000, 15, 1717-1726.	1.2	16
25	On the central charge of spacetime current algebras and correlators in string theory on AdS 3. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
26	Notes on a cure for higher-spin acausality. Physical Review D, 2011, 84, .	4.7	13
27	Supertranslation-invariant dressed Lorentz charges. Journal of High Energy Physics, 2022, 2022, 1.	4.7	11
28	Nonlinear dynamics of parity-even tricritical gravity in three and four dimensions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	8
29	Off-shell Ward identities and gauge symmetries in string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 403-407.	4.1	7
30	Non-linear realizations of $SU(2) \times U(1)$ in the MSSM. Model independent analysis and g^2 of W bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 301, 358-364.	4.1	7
31	Supersymmetry and gravitational quadrupoles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 129-135.	4.1	4
32	New sum rules from low energy Compton scattering on arbitrary spin target. Journal of High Energy Physics, 2012, 2012, 1.	4.7	4
33	More on long string dynamics in gravity on AdS3: Spinning strings and rotating BTZ black holes. Physical Review D, 2015, 91, .	4.7	4
34	Notes on relevant, irrelevant, marginal and extremal double trace perturbations. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
35	Partition functions of Chern-Simons theory on handlebodies by radial quantization. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
36	Component actions of liberated $\mathcal{N} = 1$ supergravity and new Fayet-Iliopoulos terms in superconformal tensor calculus. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3

#	ARTICLE	IF	CITATIONS
37	Aspects of space-time dualities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 81-86.	4.1	2
38	HETEROTIC TYPE II STRING DUALITY AND THE H MONOPOLE PROBLEM. International Journal of Modern Physics A, 1996, 11, 4255-4272.	1.5	2
39	Cylinder transition amplitudes in pure AdS3 gravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
40	Charges in the extended BMS algebra: Definitions and applications. SciPost Physics Proceedings, 2021, , .	0.4	2
41	Prediction of Short Time Qubit Readout via Measurement of the Next Quantum Jump of a Coupled Damped Driven Harmonic Oscillator. Physical Review Letters, 2020, 125, 260403.	7.8	2