

# Erich Poppitz

## List of Publications by Year in descending order

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56  
papers

2,425  
citations

172457

29  
h-index

197818

49  
g-index

56  
all docs

56  
docs citations

56  
times ranked

4019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptophilic dark matter. <i>Physical Review D</i> , 2009, 79, .	4.7	198
2	Casimir energy and radius stabilization in five and six dimensional orbifolds. <i>Journal of High Energy Physics</i> , 2001, 2001, 019-019.	4.7	152
3	The R-axion from dynamical supersymmetry breaking. <i>Nuclear Physics B</i> , 1994, 426, 3-18.	2.5	137
4	Continuity, deconfinement, and (super) Yang-Mills theory. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	120
5	Flavor in supersymmetry with an extended $R$ -symmetry. <i>Physical Review D</i> , 2008, 78, .	4.7	119
6	Destabilizing divergences in supergravity theories at two loops. <i>Nuclear Physics B</i> , 1995, 455, 59-82.	2.5	109
7	Universal mechanism of (semi-classical) deconfinement and $\hat{J}$ -dependence for all simple groups. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	91
8	Destabilizing divergences in supergravity-coupled supersymmetric theories. <i>Physical Review Letters</i> , 1993, 71, 2380-2382.	7.8	90
9	Warp factors and extended sources in two transverse dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 471, 119-127.	4.1	82
10	Conformality or confinement: (IR)relevance of topological excitations. <i>Journal of High Energy Physics</i> , 2009, 2009, 050-050.	4.7	79
11	New models of gauge- and gravity-mediated supersymmetry breaking. <i>Physical Review D</i> , 1997, 55, 5508-5519.	4.7	77
12	Index theorem for topological excitations on $R^3 \times S^1$ and Chern-Simons theory. <i>Journal of High Energy Physics</i> , 2009, 2009, 027-027.	4.7	76
13	Seiberg-Witten and 't Hooft-like magnetic bion confinements are continuously connected. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	70
14	$R$ -symmetric gauge mediation. <i>Journal of High Energy Physics</i> , 2009, 2009, 018-018.	4.7	68
15	Microscopic structure of magnetic bions. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	51
16	Two-flavor adjoint QCD. <i>Physical Review D</i> , 2018, 98, .	4.7	51
17	Deconfinement and continuity between thermal and (super) Yang-Mills theory for all gauge groups. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	47
18	Anomaly matching, (axial) Schwinger models, and high-T super Yang-Mills domain walls. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	47

#	ARTICLE	IF	CITATIONS
19	(S)QCD on $\mathbb{R}^3 \times \mathbb{S}^1$ : screening of Polyakov loop by fundamental quarks and the demise of semi-classics. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	39
20	Supersymmetry breaking and duality in $SU(N) \tilde{\rightarrow} SU(N \hat{=} M)$ theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 388, 561-568.	4.1	38
21	Domain walls in high-T $SU(N)$ super Yang-Mills theory and QCD(adj). <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	38
22	DYNAMICAL SUPERSYMMETRY BREAKING. <i>Annual Review of Nuclear and Particle Science</i> , 1998, 48, 307-350.	10.2	37
23	2d affine XY-spin model/4d gauge theory duality and deconfinement. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	37
24	CHIRAL LATTICE GAUGE THEORIES VIA MIRROR "FERMION DECOUPLING: A MISSION (IM)POSSIBLE?. <i>International Journal of Modern Physics A</i> , 2010, 25, 2761-2813.	1.5	35
25	Deconfinement in $\mathcal{N}=1$ super Yang-Mills theory on $\mathbb{R}^3 \times \mathbb{S}^1$ via dual-Coulomb gas and affine XY-model. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	35
26	Conformality or confinement (II): one-flavor CFTs and mixed-representation QCD. <i>Journal of High Energy Physics</i> , 2009, 2009, 011-011.	4.7	33
27	QCD on a small circle. <i>Physical Review D</i> , 2017, 96, .	4.7	33
28	The curious incident of multi-instantons and the necessity of Lefschetz thimbles. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	31
29	On the global structure of deformed Yang-Mills theory and QCD(adj) on $\mathbb{R}^3 \times \mathbb{S}^1$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
30	Exact results in 5D from instantons and deconstruction. <i>Physical Review D</i> , 2002, 65, .	4.7	29
31	Strings from domain walls in supersymmetric Yang-Mills theory and adjoint QCD. <i>Physical Review D</i> , 2015, 92, .	4.7	29
32	Chiral gauge dynamics and dynamical supersymmetry breaking. <i>Journal of High Energy Physics</i> , 2009, 2009, 060-060.	4.7	25
33	On the baryon-color-flavor (BCF) anomaly in vector-like theories. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	25
34	Low-energy Kähler potentials in supersymmetric gauge theories with (almost) flat directions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 336, 402-408.	4.1	21
35	Chiral lattice gauge theories from warped domain walls and Ginsparg-Wilson fermions. <i>Physical Review D</i> , 2006, 74, .	4.7	21
36	Comments on large-N volume independence. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	17

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37	The SU(3)/Z <sub>3</sub> QCD(adj) deconfinement transition via the gauge theory/affine $\times$ XY-model duality. Journal of High Energy Physics, 2013, 2013, 1.	4.7	17
38	Generalized $\hat{t}$ Hooft anomalies on non-spin manifolds. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
39	Deconfinement on axion domain walls. Journal of High Energy Physics, 2020, 2020, 1.	4.7	16
40	On the decoupling of mirror fermions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
41	Non-singular deformations of singular compactifications, the cosmological constant and the hierarchy problem. Classical and Quantum Gravity, 2000, 17, 3865-3879.	4.0	14
42	Emergent gravity from a mass deformation in warped spacetime. Physical Review D, 2005, 72, .	4.7	14
43	"LIGHT FROM CHAOS" IN TWO DIMENSIONS. International Journal of Modern Physics A, 2008, 23, 4545-4556.	1.5	14
44	The mixed 0-form/1-form anomaly in Hilbert space: pouring the new wine into old bottles. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
45	String tensions in deformed Yang-Mills theory. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
46	Emergent dimensions and branes from large- N confinement. Physical Review D, 2016, 94, .	4.7	11
47	Nonperturbative effects in the Standard Model with gauged 1-form symmetry. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
48	Notes on Confinement on R <sup>3</sup> $\tilde{S}^1$ — S1: From Yang-Mills, Super-Yang-Mills, and QCD (adj) to QCD(F). Symmetry, 2022, 14, 180.	2.2	10
49	Domain walls and deconfinement: a semiclassical picture of discrete anomaly inflow. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
50	New nonperturbative scales and glueballs in confining supersymmetric gauge theories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
51	Possible new phase for adjoint QCD. Physical Review D, 2019, 100, .	4.7	7
52	Lattice chirality, anomaly matching, and more on the (non)decoupling of mirror fermions. Journal of High Energy Physics, 2009, 2009, 103-103.	4.7	5
53	Anti-de Sitter-space/conformal-field-theory correspondence and large- $N$ volume independence. Physical Review D, 2010, 82, .	4.7	5
54	Topological terms and anomaly matching in effective field theories on $\hat{S}^3$ $\tilde{S}^1$ ?1. Part I. Abelian symmetries and intermediate scales. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4

#	ARTICLE	IF	CITATIONS
55	DYNAMICAL SUPERSYMMETRY BREAKING " WHY AND HOW. International Journal of Modern Physics A, 1998, 13, 3051-3079.	1.5	2
56	Confinement on $\mathbb{Z}_2$ -1 and double-string collapse. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2