

# Erich Poppitz

## List of Publications by Year in descending order

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56  
papers

2,425  
citations

172457

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g-index

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56  
docs citations

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times ranked

4019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Notes on Confinement on $R^3 \tilde{A}-S^1$ : From Yang-Mills, Super-Yang-Mills, and QCD (adj) to QCD(F). Symmetry, 2022, 14, 180.	2.2	10
2	Topological terms and anomaly matching in effective field theories on $\hat{\mathbb{R}}^3 \tilde{A}-S^1$ . Part I. Abelian symmetries and intermediate scales. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
3	Confinement on $\hat{\mathbb{R}}^3 \tilde{A}-S^1$ and double-string collapse. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
4	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
5	Nonperturbative effects in the Standard Model with gauged 1-form symmetry. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
6	Deconfinement on axion domain walls. Journal of High Energy Physics, 2020, 2020, 1.	4.7	16
7	Generalized $\hat{\mathbb{R}}^m$ Hooft anomalies on non-spin manifolds. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
8	Domain walls in high-T $SU(N)$ super Yang-Mills theory and QCD(adj). Journal of High Energy Physics, 2019, 2019, 1.	4.7	38
9	Domain walls and deconfinement: a semiclassical picture of discrete anomaly inflow. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
10	Possible new phase for adjoint QCD. Physical Review D, 2019, 100, .	4.7	7
11	On the baryon-color-flavor (BCF) anomaly in vector-like theories. Journal of High Energy Physics, 2019, 2019, 1.	4.7	25
12	String tensions in deformed Yang-Mills theory. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
13	New nonperturbative scales and glueballs in confining supersymmetric gauge theories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
14	Anomaly matching, (axial) Schwinger models, and high-T super Yang-Mills domain walls. Journal of High Energy Physics, 2018, 2018, 1.	4.7	47
15	Two-flavor adjoint QCD. Physical Review D, 2018, 98, .	4.7	51
16	QCD on a small circle. Physical Review D, 2017, 96, .	4.7	33
17	Emergent dimensions and branes from large- $N$ confinement. Physical Review D, 2016, 94, .	4.7	11
18	Strings from domain walls in supersymmetric Yang-Mills theory and adjoint QCD. Physical Review D, 2015, 92, .	4.7	29

#	ARTICLE	IF	CITATIONS
19	On the global structure of deformed Yang-Mills theory and $\text{QCD}(\text{adj})$ on $\hat{\mathbb{R}}^3 \times S^1$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
20	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
21	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
22	On the decoupling of mirror fermions. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	15
23	Universal mechanism of (semi-classical) deconfinement and $\hat{\Gamma}$ -dependence for all simple groups. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	91
24	(S)QCD on $\mathbb{R}^3 \times S^1$ : 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
25	Deconfinement in $\mathcal{N}=1$ super Yang-Mills theory on $\mathbb{R}^3 \times S^1$ via dual-Coulomb gas and affine $XY$ -model. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	35
26	The $SU(3)/Z_3$ $\text{QCD}(\text{adj})$ deconfinement transition via the gauge theory/affine $XY$ -model duality. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	17
27	Continuity, deconfinement, and (super) Yang-Mills theory. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	120
28	2d affine $XY$ -spin model/4d gauge theory duality and deconfinement. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	37
29	Microscopic structure of magnetic bions. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	51
30	Seiberg-Witten and Polyakov-like magnetic bion confinements are continuously connected. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	70
31	Comments on large- $N$ volume independence. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	17
32	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
33	Anti-de Sitter-space/conformal-field-theory correspondence and large- $N$ volume independence. <i>Physical Review D</i> , 2010, 82, .	4.7	5
34	Leptophilic dark matter. <i>Physical Review D</i> , 2009, 79, .	4.7	198
35	Lattice chirality, anomaly matching, and more on the (non)decoupling of mirror fermions. <i>Journal of High Energy Physics</i> , 2009, 2009, 103-103.	4.7	5
36	Chiral gauge dynamics and dynamical supersymmetry breaking. <i>Journal of High Energy Physics</i> , 2009, 2009, 060-060.	4.7	25

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37	$\mathcal{N}=1$ -symmetric gauge mediation. Journal of High Energy Physics, 2009, 2009, 018-018.	4.7	68
38	Conformality or confinement: (IR)relevance of topological excitations. Journal of High Energy Physics, 2009, 2009, 050-050.	4.7	79
39	Index theorem for topological excitations on $S^1$ and Chern-Simons theory. Journal of High Energy Physics, 2009, 2009, 027-027.	4.7	76
40	Conformality or confinement (II): one-flavor CFTs and mixed-representation QCD. Journal of High Energy Physics, 2009, 2009, 011-011.	4.7	33
41	"LIGHT FROM CHAOS" IN TWO DIMENSIONS. International Journal of Modern Physics A, 2008, 23, 4545-4556.	1.5	14
42	Flavor in supersymmetry with an extended $\mathcal{N}=2$ symmetry. Physical Review D, 2008, 78, .	4.7	119
43	Chiral lattice gauge theories from warped domain walls and Ginsparg-Wilson fermions. Physical Review D, 2006, 74, .	4.7	21
44	Emergent gravity from a mass deformation in warped spacetime. Physical Review D, 2005, 72, .	4.7	14
45	Exact results in 5D from instantons and deconstruction. Physical Review D, 2002, 65, .	4.7	29
46	Casimir energy and radius stabilization in five and six dimensional orbifolds. Journal of High Energy Physics, 2001, 2001, 019-019.	4.7	152
47	Non-singular deformations of singular compactifications, the cosmological constant and the hierarchy problem. Classical and Quantum Gravity, 2000, 17, 3865-3879.	4.0	14
48	Warp factors and extended sources in two transverse dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 119-127.	4.1	82
49	DYNAMICAL SUPERSYMMETRY BREAKING. Annual Review of Nuclear and Particle Science, 1998, 48, 307-350.	10.2	37
50	DYNAMICAL SUPERSYMMETRY BREAKING " WHY AND HOW. International Journal of Modern Physics A, 1998, 13, 3051-3079.	1.5	2
51	New models of gauge- and gravity-mediated supersymmetry breaking. Physical Review D, 1997, 55, 5508-5519.	4.7	77
52	Supersymmetry breaking and duality in $SU(N) \times SU(N \hat{+} M)$ theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 561-568.	4.1	38
53	Destabilizing divergences in supergravity theories at two loops. Nuclear Physics B, 1995, 455, 59-82.	2.5	109
54	Low-energy Kähler potentials in supersymmetric gauge theories with (almost) flat directions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 402-408.	4.1	21

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55	The R-axion from dynamical supersymmetry breaking. Nuclear Physics B, 1994, 426, 3-18.	2.5	137
56	Destabilizing divergences in supergravity-coupled supersymmetric theories. Physical Review Letters, 1993, 71, 2380-2382.	7.8	90