

# Daniel Z Freedman

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/10761027/daniel-z-freedman-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90  
papers

9,087  
citations

47  
h-index

91  
g-index

91  
ext. papers

9,605  
ext. citations

4.3  
avg, IF

5.94  
L-index

#	Paper	IF	Citations
90	The holographic contributions to the sphere free energy. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	1
89	A bispinor formalism for spinning Witten diagrams. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	2
88	( $\mathcal{T}$ )-deformed actions and (1,1) supersymmetry. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	25
87	Duality Constraints on Counterterms in Supergravities. <i>Fortschritte Der Physik</i> , <b>2018</b> , 66, 1800054	5.7	7
86	A geometric formulation of supersymmetry. <i>Fortschritte Der Physik</i> , <b>2017</b> , 65, 1600106	5.7	5
85	Boundary terms and three-point functions: an AdS/CFT puzzle resolved. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
84	Off-shell Poincaré supergravity. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
83	Absence of U(1) anomalous superamplitudes in $(\mathcal{N})$ supergravities. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
82	Spinning geodesic Witten diagrams. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	23
81	Explicitly broken supersymmetry with exactly massless moduli. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
80	Pure de Sitter supergravity. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	60
79	Late-time structure of the Bunch-Davies de Sitter wavefunction. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2015</b> , 2015, 048-048	6.4	39
78	The holography of F-maximization. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	65
77	Holography for $(\mathcal{N}) = 2^*$ on $S^4$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	64
76	de Sitter supersymmetry revisited. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
75	On renormalization group flows and the a-theorem in 6d. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	89
74	Supergravity <b>2012</b> ,		412

73	Integrands for QCD rational terms and ( $\mathcal{N} = 4$ ) SYM from massive CSW rules. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5-4	9
72	SUSY Ward identities, superamplitudes and counterterms. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 454009	2	17
71	The D 2k R 4 invariants of ( $\mathcal{N} = 8$ ) supergravity. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5-4	14
70	Dual conformal symmetry of 1-loop NMHV amplitudes in ( $\mathcal{N} = 4$ ) SYM theory. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5-4	24
69	Solution to the Ward identities for superamplitudes. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5-4	33
68	A simple approach to counterterms in N=8 supergravity. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5-4	47
67	Recursion relations, generating functions, and unitarity sums in $\mathcal{N} = 4$ SYM theory. <i>Journal of High Energy Physics</i> , <b>2009</b> , 2009, 009-009	5-4	58
66	Proof of the MHV vertex expansion for all tree amplitudes in $\mathcal{N} = 4$ SYM theory. <i>Journal of High Energy Physics</i> , <b>2009</b> , 2009, 068-068	5-4	36
65	Generating tree amplitudes in $\mathcal{N} = 4$ SYM and $\mathcal{N} = 8$ SG. <i>Journal of High Energy Physics</i> , <b>2008</b> , 2008, 063-063	5-4	119
64	Kahler anomalies in supergravity and flux vacua. <i>Journal of High Energy Physics</i> , <b>2006</b> , 2006, 067-067	5-4	17
63	Anomaly cancellation in supergravity with Fayet-Iliopoulos couplings. <i>Journal of High Energy Physics</i> , <b>2006</b> , 2006, 068-068	5-4	22
62	On closed string tachyon dynamics. <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	24
61	SUPERSYMMETRIC GAUGE THEORIES AND THE ADS/CFT CORRESPONDENCE <b>2004</b> ,		7
60	Holography and defect conformal field theories. <i>Physical Review D</i> , <b>2002</b> , 66,	4-9	186
59	Stability of AdS/M2 compactifications without supersymmetry. <i>Physical Review D</i> , <b>2002</b> , 65,	4-9	48
58	EXTREMAL CORRELATORS IN THE ADS/CFT CORRESPONDENCE <b>2000</b> , 332-360		11
57	Field theory tests for correlators in the AdS-CFT correspondence. <i>Physical Review D</i> , <b>1999</b> , 59,	4-9	104
56	Gauge boson exchange in AdS <sub>d+1</sub> . <i>Nuclear Physics B</i> , <b>1999</b> , 544, 612-632	2-8	50

55	Correlation functions in the CFTd/AdSd+1 correspondence. <i>Nuclear Physics B</i> , <b>1999</b> , 546, 96-118	2.8	477
54	General scalar exchange in AdSd+1. <i>Nuclear Physics B</i> , <b>1999</b> , 550, 261-288	2.8	58
53	Graviton and gauge boson propagators in AdS+1. <i>Nuclear Physics B</i> , <b>1999</b> , 562, 330-352	2.8	83
52	Graviton exchange and complete four-point functions in the AdS/CFT correspondence. <i>Nuclear Physics B</i> , <b>1999</b> , 562, 353-394	2.8	169
51	AdS/CFT four-point functions: How to succeed at z-integrals without really trying. <i>Nuclear Physics B</i> , <b>1999</b> , 562, 395-411	2.8	110
50	Conformal symmetry and the chiral anomaly. <i>Physical Review D</i> , <b>1997</b> , 55, 6522-6537	4.9	8
49	A cutoff procedure and counterterms for differential renormalization. <i>Nuclear Physics B</i> , <b>1993</b> , 395, 454-496	2.8	21
48	Differential regularization and renormalization: a new method of calculation in quantum field theory. <i>Nuclear Physics B</i> , <b>1992</b> , 371, 353-414	2.8	193
47	Conformal symmetry and differential regularization of the three-gluon vertex. <i>Annals of Physics</i> , <b>1992</b> , 218, 75-120	2.5	32
46	Response to "Boundary conditions and renormalization in anti-de Sitter supersymmetry". <i>Physical Review D</i> , <b>1988</b> , 37, 2361	4.9	1
45	Supersymmetry in anti-de Sitter space. <i>Annals of Physics</i> , <b>1986</b> , 167, 285-316	2.5	85
44	Lehmann spectral representation for anti-de Sitter quantum field theory. <i>Physical Review D</i> , <b>1986</b> , 33, 389-394	4.9	23
43	Renormalization in anti-de Sitter supersymmetry. <i>Physical Review D</i> , <b>1986</b> , 33, 395-406	4.9	19
42	Vacuum stability in supergravity. <i>Physica D: Nonlinear Phenomena</i> , <b>1985</b> , 15, 260-262	3.3	
41	Supergravity □The Basics and Beyond. <i>NATO ASI Series Series B: Physics</i> , <b>1985</b> , 135-209		
40	On the energy crisis in anti-de sitter supersymmetry. <i>Nuclear Physics B</i> , <b>1985</b> , 253, 635-649	2.8	19
39	Vacuum stability in supergravity. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1984</b> , 124, 301-302	3.3	
38	Magnetovacs in gauged N = 4 supergravity. <i>Nuclear Physics B</i> , <b>1984</b> , 237, 573-585	2.8	5

37	Multiplet shortening in $Osp(N,4)$ . <i>Nuclear Physics B</i> , <b>1984</b> , 237, 342-366	2.8	89
36	Electrovac ground state in gauged $SU(2) \times SU(2)$ supergravity. <i>Nuclear Physics B</i> , <b>1984</b> , 233, 24-49	2.8	49
35	Potentials for the supersymmetric nonlinear $E_6$ model. <i>Communications in Mathematical Physics</i> , <b>1983</b> , 91, 87-101	2	160
34	Positive energy in anti-de Sitter backgrounds and gauged extended supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 115, 197-201	4.2	802
33	Stability in gauged extended supergravity. <i>Annals of Physics</i> , <b>1982</b> , 144, 249-281	2.5	1146
32	Antisymmetric tensor gauge theories and non-linear $E_6$ models. <i>Nuclear Physics B</i> , <b>1981</b> , 177, 282-296	2.8	304
31	The background field method and the ultraviolet structure of the supersymmetric nonlinear $E_6$ model. <i>Annals of Physics</i> , <b>1981</b> , 134, 85-109	2.5	442
30	Geometrical structure and ultraviolet finiteness in the supersymmetric $E_6$ model. <i>Communications in Mathematical Physics</i> , <b>1981</b> , 80, 443-451	2	462
29	Nonlinear $E_6$ models with extended supersymmetry in four dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1980</b> , 90, 71-74	4.2	59
28	Ricci-flat kahler manifolds and supersymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1980</b> , 94, 171-173	4.2	65
27	Systematics of higher-spin gauge fields. <i>Physical Review D</i> , <b>1980</b> , 21, 358-367	4.9	185
26	Kahler geometry and the renormalization of supersymmetric $E_6$ models. <i>Physical Review D</i> , <b>1980</b> , 22, 846-853	4.9	61
25	$N = 4$ supergravity theory with local $SU(2) \times SU(2)$ invariance. <i>Nuclear Physics B</i> , <b>1978</b> , 137, 333-339	2.8	129
24	Supergravity with axial-gauge invariance. <i>Physical Review D</i> , <b>1977</b> , 15, 1173-1174	4.9	64
23	$SO(3)$ -Invariant Extended Supergravity. <i>Physical Review Letters</i> , <b>1977</b> , 38, 105-108	7.4	81
22	Unification of supergravity and Yang-Mills theory. <i>Physical Review D</i> , <b>1977</b> , 15, 1007-1012	4.9	24
21	Gauge internal symmetry in extended supergravity. <i>Nuclear Physics B</i> , <b>1977</b> , 120, 221-230	2.8	212
20	On $SO(8)$ extended supergravity. <i>Nuclear Physics B</i> , <b>1977</b> , 130, 105-113	2.8	87

19 Supergravity Field Theories and the Art of Constructing Them **1977**, 205-232

18 Progress toward a theory of supergravity. *Physical Review D*, **1976**, 13, 3214-3218 4.9 543

17 Gauge quantization for spin- fields. *Nuclear Physics B*, **1976**, 114, 271-296 2.8 69

16 Properties of supergravity theory. *Physical Review D*, **1976**, 14, 912-916 4.9 109

15 External gravitational interactions in quantum field theory. *Annals of Physics*, **1975**, 91, 442-449 2.5 25

14 Phenomenology of Goldstone Neutrinos. *Physical Review Letters*, **1975**, 35, 827-830 7.4 75

13 Combined supersymmetric and gauge-invariant field theories. *Physical Review D*, **1975**, 12, 2286-2297 4.9 63

12 The energy-momentum tensor in scalar and gauge field theories. *Annals of Physics*, **1974**, 87, 354-374 2.5 95

11 On the energy-momentum tensor in gauge field theories. *Annals of Physics*, **1974**, 87, 95-125 2.5 115

10 Possible Exchange Degeneracy on the Light Cone. *Physical Review D*, **1972**, 5, 2582-2592 4.9 7

9 Compton Scattering Sum Rules and Their Saturation. *Physical Review*, **1969**, 182, 1628-1657 49

8 Kinematic Singularities of Helicity Amplitudes for Compton Scattering. *Physical Review*, **1968**, 168, 1822-1826 7

7  $O(4)$  Symmetry and Regge-Pole Theory. *Physical Review Letters*, **1967**, 18, 863-867 7.4 43

6 Daughter Trajectories and Unequal-Mass Scattering. *Physical Review*, **1967**, 155, 1645-1647 17

5  $O(4)$  Symmetry and Regge-Pole Theory. *Physical Review*, **1967**, 160, 1560-1571 152

4 Regge Poles and Unequal-Mass Scattering Processes. *Physical Review*, **1967**, 153, 1596-1609 208

3 Regge Poles in Unequal-Mass Scattering Processes. *Physical Review Letters*, **1966**, 17, 569-572 7.4 91

2 A New Dynamical Model for Meson States. *Physical Review*, **1965**, 138, B218-B222

- 1 Model for the Nucleon and Baryon Regge Trajectories. *Physical Review*, **1964**, 134, B652-B658

10