

# Igor Klebanov

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

10,038  
citations

41344

49  
h-index

62596

80  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supergravity and a confining gauge theory: duality cascades and $\tilde{H}$ -resolution of naked singularities. Journal of High Energy Physics, 2000, 2000, 052-052.	4.7	1,387
2	AdS/CFT correspondence and symmetry breaking. Nuclear Physics B, 1999, 556, 89-114.	2.5	968
3	Superconformal field theory on threebranes at a Calabi-Yau singularity. Nuclear Physics B, 1998, 536, 199-218.	2.5	880
4	Gravity duals of supersymmetric gauge theories. Nuclear Physics B, 2000, 578, 123-138.	2.5	434
5	Towards the F-theorem: $\mathcal{N} = 2$ field theories on the three-sphere. Journal of High Energy Physics, 2011, 2011, 1.	4.7	357
6	Coupling constant dependence in the thermodynamics of $N = 4$ supersymmetric Yang-Mills theory. Nuclear Physics B, 1998, 534, 202-222.	2.5	353
7	Entanglement as a probe of confinement. Nuclear Physics B, 2008, 796, 274-293.	2.5	317
8	Superconformal Chern-Simons theories and $AdS_4/CFT_3$ correspondence. Journal of High Energy Physics, 2008, 2008, 072-072.	4.7	313
9	One-dimensional string theory on a circle. Nuclear Physics B, 1990, 344, 475-498.	2.5	206
10	F-theorem without supersymmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	206
11	Uncolored random tensors, melon diagrams, and the Sachdev-Ye-Kitaev models. Physical Review D, 2017, 95, .	4.7	199
12	On D3-brane potentials in compactifications with fluxes and wrapped D-branes. Journal of High Energy Physics, 2006, 2006, 031-031.	4.7	185
13	Towards an explicit model of D-brane inflation. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 024.	5.4	183
14	Gravity duals of fractional branes and logarithmic RG flow. Nuclear Physics B, 2000, 574, 263-274.	2.5	175
15	A universal result on central charges in the presence of double-trace deformations. Nuclear Physics B, 2003, 656, 23-36.	2.5	169
16	Baryons and domain walls in an $N=1$ superconformal gauge theory. Physical Review D, 1998, 58, .	4.7	144
17	A Delicate Universe: Compactification Obstacles to D-brane Inflation. Physical Review Letters, 2007, 99, 141601.	7.8	133
18	Screening versus confinement in $1 + 1$ dimensions. Nuclear Physics B, 1996, 461, 109-130.	2.5	129

#	ARTICLE	IF	CITATIONS
19	One loop tests of higher spin AdS/CFT. Journal of High Energy Physics, 2013, 2013, 1.	4.7	114
20	String spectrum of (1 + 1)-dimensional large-NQCD with adjoint matter. Physical Review D, 1993, 47, 2517-2527.	4.7	110
21	D-brane boundary state dynamics. Nuclear Physics B, 1996, 465, 473-484.	2.5	108
22	D3-brane potentials from fluxes in AdS/CFT. Journal of High Energy Physics, 2010, 2010, 1.	4.7	108
23	On the moduli space of the cascading $SU(M+p) \tilde{A}-SU(p)$ gauge theory. Journal of High Energy Physics, 2006, 2006, 155-155.	4.7	104
24	Critical $O(N)$ models. Journal of High Energy Physics, 1998, 1998, 009-009.	4.7	98
25	(1+1)-dimensional large-NQCD coupled to adjoint fermions. Physical Review D, 1993, 48, 4980-4990.	4.7	97
26	Symmetry Breaking and Axionic Strings in the Warped Deformed Conifold. Journal of High Energy Physics, 2004, 2004, 036-036.	4.7	93
27	Rényi entropies for free field theories. Journal of High Energy Physics, 2012, 2012, 1.	4.7	90
28	Interpolating between a and F. Journal of High Energy Physics, 2015, 2015, 1.	4.7	89
29	AdS description of induced higher-spin gauge theory. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
30	Charges of monopole operators in Chern-Simons Yang-Mills theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	77
31	Cascading RG Flows from New Sasaki-Einstein Manifolds. Journal of High Energy Physics, 2005, 2005, 009-009.	4.7	76
32	Vortices and the non-singlet sector of the $c = 1$ matrix model. Nuclear Physics B, 1991, 354, 459-474.	2.5	72
33	Gravity dual of the chiral anomaly. Physical Review D, 2002, 65, .	4.7	72
34	Yukawa conformal field theories and emergent supersymmetry. Progress of Theoretical and Experimental Physics, 2016, 2016, 12C105.	6.6	72
35	Holographic systematics of D-brane inflation. Journal of High Energy Physics, 2009, 2009, 093-093.	4.7	72
36	Perturbative search for fixed lines in large-N gauge theories. Journal of High Energy Physics, 2005, 2005, 011-011.	4.7	70

#	ARTICLE	IF	CITATIONS
37	Conformal QED <sub>d</sub> , $F$ -theorem and the $\hat{\mu}$ expansion. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 135403.	2.1	69
38	Many-Body Scars as a Group Invariant Sector of Hilbert Space. Physical Review Letters, 2020, 125, 230602.	7.8	68
39	Glueball spectrum in a (1 + 1)-dimensional model for QCD. Nuclear Physics B, 1994, 418, 15-29.	2.5	67
40	On shape dependence and RG flow of entanglement entropy. Journal of High Energy Physics, 2012, 2012, 1.	4.7	67
41	M2-branes on orbifolds of the cone over $Q^{1,1,1}$ . Journal of High Energy Physics, 2009, 2009, 033-033.	4.7	66
42	$AdS_4/CFT_3$ squashed, stretched and warped. Journal of High Energy Physics, 2009, 2009, 140-140.	4.7	65
43	Bosonic tensor models at large $N$ and small $\hat{\mu}$ . Physical Review D, 2017, 96, .	4.7	65
44	Gauge/gravity duality and warped resolved conifold. Journal of High Energy Physics, 2007, 2007, 042-042.	4.7	62
45	Entanglement entropy of 3-d conformal gauge theories with many flavors. Journal of High Energy Physics, 2012, 2012, 1.	4.7	62
46	Three loop analysis of the critical $O(N)$ tensor models. Physical Review D, 2017, 96, .	4.7	57
47	Symmetry Breaking in Coupled SYK or Tensor Models. Physical Review X, 2019, 9, .	8.9	55
48	Perturbative gauge theory and closed string tachyons. Journal of High Energy Physics, 2005, 2005, 038-038.	4.7	54
49	Spectra of operators in large $N$ tensor models. Physical Review D, 2018, 97, .	4.7	53
50	Accidental symmetries and the conformal bootstrap. Journal of High Energy Physics, 2016, 2016, 1.	4.7	49
51	Higher spin $AdS_4$ tensor models at one loop. Physical Review D, 2014, 89, .	4.7	47
52	On large $N$ limit of symmetric traceless tensor models. Journal of High Energy Physics, 2017, 2017, 1.	4.7	46
53	TASI Lectures on Large $N$ Tensor Models. , 2018, , .		45
54	Spectrum of a large $N$ gauge theory near the transition from confinement to screening. Physical Review D, 1998, 57, 6420-6428.	4.7	42

#	ARTICLE	IF	CITATIONS
55	Partition functions and Casimir energies in higher spin $\mathcal{N}=4$ AdS/CFT. Physical Review D, 2014, 90, .	4.7	41
56	On C J and C T in conformal QED. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
57	Prismatic large $N$ models for bosonic tensors. Physical Review D, 2018, 98, .	4.7	38
58	Variations on the warped deformed conifold. Comptes Rendus Physique, 2004, 5, 1031-1038.	0.9	36
59	$O(N)$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (stretchy="false") $N$ . Physical Review D, 2018, 97, .	4.7	36
60	Spectra of eigenstates in fermionic tensor quantum mechanics. Physical Review D, 2018, 97, .	4.7	34
61	Is renormalized entanglement entropy stationary at RG fixed points?. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
62	Group theoretic approach to many-body scar states in fermionic lattice models. Physical Review Research, 2021, 3, .	3.6	32
63	Spontaneous breaking of U(1) symmetry in coupled complex SYK models. Journal of High Energy Physics, 2020, 2020, 1.	4.7	30
64	Emergent quantum near-criticality from baryonic black branes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	29
65	M-branes and metastable states. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
66	Critical $Sp(N)$ models in $6 + \epsilon$ dimensions and higher spin dS/CFT. Journal of High Energy Physics, 2015, 2015, 1.	4.7	29
67	A crack in the conformal window. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
68	The ABC of Higher-Spin AdS/CFT. Universe, 2018, 4, 18.	2.5	27
69	Generalized F-theorem and the $\epsilon$ expansion. Journal of High Energy Physics, 2015, 2015, 1-37.	4.7	24
70	Strange metals in one spatial dimension. Physical Review D, 2012, 86, .	4.7	23
71	On $\mathcal{C}_{\mathbb{J}}$ and $\mathcal{C}_{\mathbb{T}}$ in the Gross-Neveu and $O(N)$ models. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 405402.	2.1	23
72	Membranes with topological charge and $\mathcal{N}=4$ AdS/CFT. Physical Review D, 2010, 81, .	4.7	20

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73	Exact symmetries and threshold states in two-dimensional models for QCD. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
74	Spectrum of Majorana Quantum Mechanics with $O(4)$ Symmetry. Physical Review Letters, 2019, 122, 011601.	7.8	16
75	Baryonic condensates on the conifold. Journal of High Energy Physics, 2007, 2007, 034-034.	4.7	15
76	Majorana fermion quantum mechanics for higher rank tensors. Physical Review D, 2019, 100, .	4.7	15
77	RG limit cycles and unconventional fixed points in perturbative QFT. Physical Review D, 2021, 103, .	4.7	10
78	MATRIX MODEL APPROACH TO $d > 2$ NONCRITICAL SUPERSTRINGS. Modern Physics Letters A, 1995, 10, 2639-2649.	1.2	9
79	Gauge-String Dualities and some Applications. Les Houches Summer School Proceedings, 2008, 87, 611-662.	0.2	9
80	Hagedorn temperature in large $N$ Majorana quantum mechanics. Physical Review D, 2020, 101, .	4.7	8
81	Conformal Theories with $OSp(1 2)$ Symmetry. Physical Review Letters, 2019, 122, 011601.	7.8	8
82	The Aharonov-Bohm Effect Without Gauge Fields - A Paradox. , 1991, , .		0