

Ofer Aharony

List of Publications by Year in descending order

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82
papers

12,071
citations

61857

43
h-index

64668

79
g-index

82
all docs

82
docs citations

82
times ranked

2890
citing authors

#	ARTICLE	IF	CITATIONS
1	Large N field theories, string theory and gravity. <i>Physics Reports</i> , 2000, 323, 183-386.	10.3	4,041
2	$\mathcal{N} = 6$ superconformal Chern-Simons-matter theories, M2-branes and their gravity duals. <i>Journal of High Energy Physics</i> , 2008, 2008, 091-091.	1.6	1,676
3	Fractional M2-branes. <i>Journal of High Energy Physics</i> , 2008, 2008, 043-043.	1.6	485
4	The Hagedorn/Deconfinement Phase Transition in Weakly Coupled Large N Gauge Theories. <i>Advances in Theoretical and Mathematical Physics</i> , 2004, 8, 603-696.	0.4	444
5	Branes, superpotentials and superconformal fixed points. <i>Nuclear Physics B</i> , 1997, 504, 239-271.	0.9	294
6	Linear dilatons, NS5-branes and holography. <i>Journal of High Energy Physics</i> , 1998, 1998, 004-004.	1.6	275
7	Reading between the lines of four-dimensional gauge theories. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	273
8	A holographic model of deconfinement and chiral symmetry restoration. <i>Annals of Physics</i> , 2007, 322, 1420-1443.	1.0	248
9	$d = 3$ bosonic vector models coupled to Chern-Simons gauge theories. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	221
10	The large N limit of Script $\mathcal{N} = 2, 1$ field theories from threebranes in F-theory. <i>Journal of High Energy Physics</i> , 1998, 1998, 013-013.	1.6	208
11	Correlation functions of large N Chern-Simons-Matter theories and bosonization in three dimensions. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	192
12	3d dualities from 4d dualities. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	176
13	A brief review of 'little string theories'. <i>Classical and Quantum Gravity</i> , 2000, 17, 929-938.	1.5	170
14	IR duality in $d = 3$ $\mathcal{N} = 2$ supersymmetric $USp(2N_c)$ and $U(N_c)$ gauge theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 404, 71-76.	1.5	167
15	Baryons, monopoles and dualities in Chern-Simons-matter theories. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	154
16	Loops in AdS from conformal field theory. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	146
17	First order deconfinement transition in large N Yang-Mills theory on a small S^3 . <i>Physical Review D</i> , 2005, 71, .	1.6	109
18	The effective theory of long strings. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	109

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19	Multiple-trace operators and non-local string theories. Journal of High Energy Physics, 2001, 2001, 006-006.	1.6	103
20	Clean Time-Dependent String Backgrounds from Bubble Baths. Journal of High Energy Physics, 2002, 2002, 007-007.	1.6	103
21	The thermal free energy in large N Chern-Simons-matter theories. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
22	Modular invariance and uniqueness of \mathcal{T} deformed CFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	103
23	LSZ in LST. Nuclear Physics B, 2004, 691, 3-78.	0.9	94
24	3d dualities from 4d dualities for orthogonal groups. Journal of High Energy Physics, 2013, 2013, 1.	1.6	93
25	Chern-Simons-matter dualities with SO and USp gauge groups. Journal of High Energy Physics, 2017, 2017, 1.	1.6	91
26	On the effective action of confining strings. Journal of High Energy Physics, 2009, 2009, 012-012.	1.6	89
27	S-folds and 4d $\mathcal{N} = 3$ superconformal field theories. Journal of High Energy Physics, 2016, 2016, 1.	1.6	85
28	A holographic computation of the central charges of $d = 4, \mathcal{N} = 2$ SCFTs. Journal of High Energy Physics, 2008, 2008, 037-037.	1.6	79
29	Anti-de Sitter space and the center of the gauge group. Journal of High Energy Physics, 1998, 1998, 018-018.	1.6	78
30	On exactly marginal deformations of $\mathcal{N} = 4$ SYM and Type IIB Supergravity on $AdS_5 \times S^5$. Journal of High Energy Physics, 2002, 2002, 039-039.	1.6	75
31	Holographic renormalization of cascading gauge theories. Physical Review D, 2005, 72, .	1.6	70
32	A note on the holographic interpretation of string theory backgrounds with varying flux. Journal of High Energy Physics, 2001, 2001, 012-012.	1.6	67
33	Holographic duals of long open strings. Physical Review D, 2008, 78, .	1.6	67
34	D-brane charges in gravitational duals of $2 + 1$ dimensional gauge theories and duality cascades. Journal of High Energy Physics, 2010, 2010, 1.	1.6	66
35	CFT/AdS correspondence, massive gravitons, and a connectivity index conjecture. Physical Review D, 2006, 74, .	1.6	58
36	IR dynamics of $d = 2, \mathcal{N} = (4,4)$ gauge theories and DLCQ of "little string theories". Journal of High Energy Physics, 1999, 1999, 030-030.	1.6	57

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37	On the effective theory of long open strings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	57
38	Massive type IIA string theory cannot be strongly coupled. Journal of High Energy Physics, 2010, 2010, 1.	1.6	54
39	Black hole in the throat: Thermodynamics of strongly coupled cascading gauge theories. Physical Review D, 2007, 76, .	1.6	53
40	4d $\mathcal{N} = 2$ superconformal linear quivers with type IIA duals. Journal of High Energy Physics, 2012, 2012, 1.	1.6	52
41	Corrections to Nambu-Goto energy levels from the effective string action. Journal of High Energy Physics, 2010, 2010, 1.	1.6	48
42	Conformal field theories in anti-de Sitter space. Journal of High Energy Physics, 2011, 2011, 1.	1.6	48
43	Note on the quantum mechanics of M theory. Journal of High Energy Physics, 1999, 1999, 016-016.	1.6	47
44	'Holey Sheets' - Pfaffians and Subdeterminants as D-brane Operators in Large N Gauge Theories. Journal of High Energy Physics, 2002, 2002, 069-069.	1.6	43
45	Near-horizon solutions for D3-branes ending on 5-branes. Physical Review D, 2011, 84, .	1.6	40
46	Simple stringy dynamical supersymmetry breaking. Physical Review D, 2007, 76, .	1.6	39
47	A derivation of AdS/CFT for vector models. Journal of High Energy Physics, 2021, 2021, 1.	1.6	39
48	Little string theory and heterotic/type II duality. Nuclear Physics B, 2004, 679, 3-65.	0.9	35
49	Effective string theory and nonlinear Lorentz invariance. Journal of High Energy Physics, 2012, 2012, 1.	1.6	35
50	Flows, fixed points and duality in Chern-Simons-matter theories. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
51	Modular covariance and uniqueness of \mathcal{T} deformed CFTs. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33
52	Convexity of charged operators in CFTs and the weak gravity conjecture. Physical Review D, 2021, 104, .	1.6	32
53	IR dualities in general 3d supersymmetric $SU(N)$ QCD theories. Journal of High Energy Physics, 2015, 2015, 1.	1.6	31
54	Confinement in anti-de Sitter space. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30

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55	Rigid holography and six-dimensional $N = 2$ theories on $AdS_5 \times S^1$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
56	Gravity interpretation for the Bethe Ansatz expansion of the N SYM index. Physical Review D, 2021, 104, .	1.6	29
57	The effective string spectrum in the orthogonal gauge. Journal of High Energy Physics, 2012, 2012, 1.	1.6	28
58	On monopole operators in supersymmetric Chern-Simons-matter theories. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
59	Open string moduli in Kachru-Kalosh-Linde-Trivedi compactifications. Physical Review D, 2005, 72, .	1.6	26
60	Supercritical stability, transitions, and (pseudo)tachyons. Physical Review D, 2007, 75, .	1.6	26
61	From 3d duality to 2d duality. Journal of High Energy Physics, 2017, 2017, 1.	1.6	26
62	The T deformation at large central charge. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
63	On $O(N_c)$ $d = 3$ supersymmetric QCD theories. Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
64	The long flow to freedom. Journal of High Energy Physics, 2017, 2017, 1.	1.6	25
65	Short distance properties of cascading gauge theories. Journal of High Energy Physics, 2006, 2006, 069-069.	1.6	21
66	On four dimensional $N = 3$ superconformal theories. Journal of High Energy Physics, 2016, 2016, 1-13.	1.6	20
67	Renormalization group flow in field theories with quenched disorder. Physical Review D, 2018, 98, .	1.6	19
68	Large N renormalization group flows in 3d $N = 1$ Chern-Simons-Matter theories. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
69	Remarks on worldsheet theories dual to free large N gauge theories. Physical Review D, 2007, 75, .	1.6	18
70	The holographic dictionary for Beta functions of multi-trace coupling constants. Journal of High Energy Physics, 2015, 2015, 1.	1.6	16
71	Renormalization Group in Field Theories with Quantum Quenched Disorder. Physical Review Letters, 2018, 121, 071601.	2.9	14
72	Generalized Hawking-Page transitions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14

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73	Disorder in large-N theories. Journal of High Energy Physics, 2016, 2016, 1-34.	1.6	12
74	The Non-Ads/Non-CFT Correspondence, Or Three Different Paths To Qcd. , 2003, , 3-24.		10
75	Two loop partition function for largeNpure Yang-Mills theory on a smallS3. Physical Review D, 2006, 74, .	1.6	6
76	The analytic bootstrap for large N Chern-Simons vector models. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
77	AdS from CFT for scalar QED. Physical Review D, 2021, 104, .	1.6	4
78	Little string theories on curved manifolds. Journal of High Energy Physics, 2019, 2019, 1.	1.6	2
79	Supersymmetric field theories on AdS p \tilde{A} — S q. Journal of High Energy Physics, 2016, 2016, 1-47.	1.6	1
80	A string dual for partially topological Chern-Simons-matter theories. Journal of High Energy Physics, 2019, 2019, 1.	1.6	1
81	THE HAGEDORN/DECONFINEMENT PHASE TRANSITION IN WEAKLY COUPLED LARGE N GAUGE THEORIES. , 2004, , .		1
82	Holographic MQCD. Physical Review D, 2010, 82, .	1.6	0