

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	A derivation of AdS/CFT for vector models. Journal of High Energy Physics, 2021, 2021, 1.	1.6	39
2	Gravity interpretation for the Bethe Ansatz expansion of the $\langle \text{Tr} N^2 \rangle$ SYM index. Physical Review D, 2021, 104, .	1.6	29
3	Convexity of charged operators in CFTs and the weak gravity conjecture. Physical Review D, 2021, 104, .	1.6	32
4	AdS from CFT for scalar QED. Physical Review D, 2021, 104, .	1.6	4
5	A string dual for partially topological Chern-Simons-matter theories. Journal of High Energy Physics, 2019, 2019, 1.	1.6	1
6	Large N renormalization group flows in 3d $\mathcal{N} = 1$ Chern-Simons-Matter theories. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
7	Generalized Hawking-Page transitions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
8	Modular invariance and uniqueness of \mathcal{T} deformed CFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	103
9	Modular covariance and uniqueness of \mathcal{J} deformed CFTs. Journal of High Energy Physics, 2019, 2019, 1.	1.6	33
10	Little string theories on curved manifolds. Journal of High Energy Physics, 2019, 2019, 1.	1.6	2
11	Flows, fixed points and duality in Chern-Simons-matter theories. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
12	The analytic bootstrap for large N Chern-Simons vector models. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
13	The \mathcal{T} deformation at large central charge. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
14	Renormalization group flow in field theories with quenched disorder. Physical Review D, 2018, 98, .	1.6	19
15	Renormalization Group in Field Theories with Quantum Quenched Disorder. Physical Review Letters, 2018, 121, 071601.	2.9	14
16	The long flow to freedom. Journal of High Energy Physics, 2017, 2017, 1.	1.6	25
17	Chern-Simons-matter dualities with SO and USp gauge groups. Journal of High Energy Physics, 2017, 2017, 1.	1.6	91
18	Loops in AdS from conformal field theory. Journal of High Energy Physics, 2017, 2017, 1.	1.6	146

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19	From 3d duality to 2d duality. Journal of High Energy Physics, 2017, 2017, 1.	1.6	26
20	S-folds and 4d $N = 3$ superconformal field theories. Journal of High Energy Physics, 2016, 2016, 1.	1.6	85
21	Baryons, monopoles and dualities in Chern-Simons-matter theories. Journal of High Energy Physics, 2016, 2016, 1.	1.6	154
22	On four dimensional $N = 3$ superconformal theories. Journal of High Energy Physics, 2016, 2016, 1-13.	1.6	20
23	Disorder in large-N theories. Journal of High Energy Physics, 2016, 2016, 1-34.	1.6	12
24	Supersymmetric field theories on $AdS_p \times S^q$. Journal of High Energy Physics, 2016, 2016, 1-47.	1.6	1
25	The holographic dictionary for Beta functions of multi-trace coupling constants. Journal of High Energy Physics, 2015, 2015, 1.	1.6	16
26	On monopole operators in supersymmetric Chern-Simons-matter theories. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
27	IR dualities in general 3d supersymmetric $SU(N)$ QCD theories. Journal of High Energy Physics, 2015, 2015, 1.	1.6	31
28	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
29	3d dualities from 4d dualities. Journal of High Energy Physics, 2013, 2013, 1.	1.6	176
30	The effective theory of long strings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	109
31	The thermal free energy in large N Chern-Simons-matter theories. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
32	Confinement in anti-de Sitter space. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
33	Reading between the lines of four-dimensional gauge theories. Journal of High Energy Physics, 2013, 2013, 1.	1.6	273
34	3d dualities from 4d dualities for orthogonal groups. Journal of High Energy Physics, 2013, 2013, 1.	1.6	93
35	4d $N = 2$ superconformal linear quivers with type IIA duals. Journal of High Energy Physics, 2012, 2012, 1.	1.6	52
36	Correlation functions of large N Chern-Simons-Matter theories and bosonization in three dimensions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	192

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37	Effective string theory and nonlinear Lorentz invariance. Journal of High Energy Physics, 2012, 2012, 1.	1.6	35
38	$d = 3$ bosonic vector models coupled to Chern-Simons gauge theories. Journal of High Energy Physics, 2012, 2012, 1.	1.6	221
39	The effective string spectrum in the orthogonal gauge. Journal of High Energy Physics, 2012, 2012, 1.	1.6	28
40	Near-horizon solutions for D3-branes ending on 5-branes. Physical Review D, 2011, 84, .	1.6	40
41	On the effective theory of long open strings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	57
42	Conformal field theories in anti-de Sitter space. Journal of High Energy Physics, 2011, 2011, 1.	1.6	48
43	On $O(N_c)$ $d = 3$ $\mathcal{N} = 2$ supersymmetric QCD theories. Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
44	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
45	Massive type IIA string theory cannot be strongly coupled. Journal of High Energy Physics, 2010, 2010, 1.	1.6	54
46	Corrections to Nambu-Goto energy levels from the effective string action. Journal of High Energy Physics, 2010, 2010, 1.	1.6	48
47	Holographic MQCD. Physical Review D, 2010, 82, .	1.6	0
48	On the effective action of confining strings. Journal of High Energy Physics, 2009, 2009, 012-012.	1.6	89
49	Holographic duals of long open strings. Physical Review D, 2008, 78, .	1.6	67
50	$d = 6$ superconformal Chern-Simons-matter theories, M2-branes and their gravity duals. Journal of High Energy Physics, 2008, 2008, 091-091.	1.6	1,676
51	Fractional M2-branes. Journal of High Energy Physics, 2008, 2008, 043-043.	1.6	485
52	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
53	Remarks on worldsheet theories dual to free large N gauge theories. Physical Review D, 2007, 75, .	1.6	18
54	Black hole in the throat: Thermodynamics of strongly coupled cascading gauge theories. Physical Review D, 2007, 76, .	1.6	53

#	ARTICLE	IF	CITATIONS
55	Simple stringy dynamical supersymmetry breaking. <i>Physical Review D</i> , 2007, 76, .	1.6	39
56	Supercritical stability, transitions, and (pseudo)tachyons. <i>Physical Review D</i> , 2007, 75, .	1.6	26
57	A holographic model of deconfinement and chiral symmetry restoration. <i>Annals of Physics</i> , 2007, 322, 1420-1443.	1.0	248
58	CFT/AdS correspondence, massive gravitons, and a connectivity index conjecture. <i>Physical Review D</i> , 2006, 74, .	1.6	58
59	Two loop partition function for largeNpure Yang-Mills theory on a smallS3. <i>Physical Review D</i> , 2006, 74, .	1.6	6
60	Short distance properties of cascading gauge theories. <i>Journal of High Energy Physics</i> , 2006, 2006, 069-069.	1.6	21
61	First order deconfinement transition in largeNYang-Mills theory on a smallS3. <i>Physical Review D</i> , 2005, 71, .	1.6	109
62	Holographic renormalization of cascading gauge theories. <i>Physical Review D</i> , 2005, 72, .	1.6	70
63	Open string moduli in Kachru-Kalosh-Linde-Trivedi compactifications. <i>Physical Review D</i> , 2005, 72, .	1.6	26
64	Little string theory and heterotic/type II duality. <i>Nuclear Physics B</i> , 2004, 679, 3-65.	0.9	35
65	LSZ in LST. <i>Nuclear Physics B</i> , 2004, 691, 3-78.	0.9	94
66	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
67	THE HAGEDORN/DECONFINEMENT PHASE TRANSITION IN WEAKLY COUPLED LARGE N GAUGE THEORIES. , 2004, , .		1
68	The Non-Ads/Non-CFT Correspondence, Or Three Different Paths To Qcd. , 2003, , 3-24.		10
69	'Holey Sheets' - Pfaffians and Subdeterminants as D-brane Operators in LargeNGauge Theories. <i>Journal of High Energy Physics</i> , 2002, 2002, 069-069.	1.6	43
70	Clean Time-Dependent String Backgrounds from Bubble Baths. <i>Journal of High Energy Physics</i> , 2002, 2002, 007-007.	1.6	103
71	On exactly marginal deformations of Script N = 4 SYM and Type IIB Supergravity onAdS5 \tilde{A} -S5. <i>Journal of High Energy Physics</i> , 2002, 2002, 039-039.	1.6	75
72	Multiple-trace operators and non-local string theories. <i>Journal of High Energy Physics</i> , 2001, 2001, 006-006.	1.6	103

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73	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
74	Large N field theories, string theory and gravity. Physics Reports, 2000, 323, 183-386.	10.3	4,041
75	A brief review of 'little string theories'. Classical and Quantum Gravity, 2000, 17, 929-938.	1.5	170
76	Note on the quantum mechanics of M theory. Journal of High Energy Physics, 1999, 1999, 016-016.	1.6	47
77	IR dynamics of $d = 2$, Script $N = (4,4)$ gauge theories and DLCQ of "little string theories". Journal of High Energy Physics, 1999, 1999, 030-030.	1.6	57
78	Linear dilatons, NS5-branes and holography. Journal of High Energy Physics, 1998, 1998, 004-004.	1.6	275
79	The large N limit of Script $N = 2,1$ field theories from threebranes in F-theory. Journal of High Energy Physics, 1998, 1998, 013-013.	1.6	208
80	Anti-de Sitter space and the center of the gauge group. Journal of High Energy Physics, 1998, 1998, 018-018.	1.6	78
81	Branes, superpotentials and superconformal fixed points. Nuclear Physics B, 1997, 504, 239-271.	0.9	294
82	IR duality in $d = 3$ $N = 2$ supersymmetric $USp(2N_c)$ and $U(N_c)$ gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 71-76.	1.5	167