

# Juan Maldacena

## List of Publications by Year in descending order

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62  
papers

38,212  
citations

47006

47  
h-index

149698

56  
g-index

62  
all docs

62  
docs citations

62  
times ranked

6856  
citing authors

#	ARTICLE	IF	CITATIONS
1	The large $N$ limit of superconformal field theories and supergravity. <i>Advances in Theoretical and Mathematical Physics</i> , 1998, 2, 231-252.	0.6	10,578
2	The Large- $N$ Limit of Superconformal Field Theories and Supergravity. <i>International Journal of Theoretical Physics</i> , 1999, 38, 1113-1133.	1.2	6,273
3	Large $N$ field theories, string theory and gravity. <i>Physics Reports</i> , 2000, 323, 183-386.	25.6	4,041
4	Non-gaussian features of primordial fluctuations in single field inflationary models. <i>Journal of High Energy Physics</i> , 2003, 2003, 013-013.	4.7	2,065
5	Strings in flat space and pp waves from $SO(2,4)$ Super Yang Mills. <i>Journal of High Energy Physics</i> , 2002, 2002, 013-013.	4.7	1,483
6	Wilson Loops in Large- $N$ Field Theories. <i>Physical Review Letters</i> , 1998, 80, 4859-4862.	7.8	1,473
7	Eternal black holes in anti-de Sitter. <i>Journal of High Energy Physics</i> , 2003, 2003, 021-021.	4.7	956
8	SUPERGRAVITY DESCRIPTION OF FIELD THEORIES ON CURVED MANIFOLDS AND A NO GO THEOREM. <i>International Journal of Modern Physics A</i> , 2001, 16, 822-855.	1.5	802
9	Gluon scattering amplitudes at strong coupling. <i>Journal of High Energy Physics</i> , 2007, 2007, 064-064.	4.7	673
10	Conformal symmetry and its breaking in two-dimensional nearly anti-de Sitter space. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 12C104.	6.6	590
11	Towards the Large- $N$ Limit of Pure- $N=1$ Super Yang-Mills Theory. <i>Physical Review Letters</i> , 2001, 86, 588-591.	7.8	587
12	AdS3 black holes and a stringy exclusion principle. <i>Journal of High Energy Physics</i> , 1998, 1998, 005-005.	4.7	545
13	An Index for 4 Dimensional Super Conformal Theories. <i>Communications in Mathematical Physics</i> , 2007, 275, 209-254.	2.2	528
14	The large $N$ limit of superconformal field theories and supergravity. <i>AIP Conference Proceedings</i> , 1999, , ,	0.4	449
15	Strings in AdS3 and the $SL(2,R)$ WZW model. I: The spectrum. <i>Journal of Mathematical Physics</i> , 2001, 42, 2929-2960.	1.1	434
16	Black hole entropy in M-Theory. <i>Journal of High Energy Physics</i> , 1997, 1997, 002-002.	4.7	422
17	The Page curve of Hawking radiation from semiclassical geometry. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	416
18	Causality constraints on corrections to the graviton three-point coupling. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	379

#	ARTICLE	IF	CITATIONS
19	Anti-de Sitter fragmentation. Journal of High Energy Physics, 1999, 1999, 011-011.	4.7	365
20	Giant magnons. Journal of Physics A, 2006, 39, 13095-13117.	1.6	292
21	Black hole greybody factors and D-brane spectroscopy. Physical Review D, 1997, 55, 861-870.	4.7	277
22	Diving into traversable wormholes. Fortschritte Der Physik, 2017, 65, 1700034.	4.4	268
23	The entropy of Hawking radiation. Reviews of Modern Physics, 2021, 93, .	45.6	268
24	Comments on gluon scattering amplitudes via AdS/CFT. Journal of High Energy Physics, 2007, 2007, 068-068.	4.7	267
25	Dual superconformal symmetry, and the amplitude/Wilson loop connection. Journal of High Energy Physics, 2008, 2008, 062-062.	4.7	244
26	The black hole final state. Journal of High Energy Physics, 2004, 2004, 008-008.	4.7	217
27	Operator product expansion for Wilson loops and surfaces in the large N limit. Physical Review D, 1999, 59, .	4.7	215
28	Strings in AdS <sub>3</sub> and the SL(2,R) WZW model. II: Euclidean black hole. Journal of Mathematical Physics, 2001, 42, 2961-2977.	1.1	213
29	D-branes and fat black holes. Nuclear Physics B, 1996, 475, 679-687.	2.5	209
30	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.	4.7	208
31	Constraining conformal field theories with a slightly broken higher spin symmetry. Classical and Quantum Gravity, 2013, 30, 104003.	4.0	199
32	Supersymmetric Sachdev-Ye-Kitaev models. Physical Review D, 2017, 95, .	4.7	193
33	On D3-brane potentials in compactifications with fluxes and wrapped D-branes. Journal of High Energy Physics, 2006, 2006, 031-031.	4.7	185
34	Strings in AdS <sub>3</sub> and the SL(2,R) WZW model. III. Correlation functions. Physical Review D, 2002, 65, .	4.7	171
35	Looking for a bulk point. Journal of High Energy Physics, 2017, 2017, 1.	4.7	167
36	Universal low-energy dynamics for rotating black holes. Physical Review D, 1997, 56, 4975-4983.	4.7	159

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37	An M-theory flop as a large N duality. Journal of Mathematical Physics, 2001, 42, 3209-3220.	1.1	155
38	De-singularization by rotation. Journal of High Energy Physics, 2002, 2002, 055-055.	4.7	144
39	Null polygonal Wilson loops and minimal surfaces in Anti-de-Sitter space. Journal of High Energy Physics, 2009, 2009, 082-082.	4.7	137
40	From correlation functions to Wilson loops. Journal of High Energy Physics, 2011, 2011, 1.	4.7	116
41	Bra-ket wormholes in gravitationally prepared states. Journal of High Energy Physics, 2021, 2021, 1.	4.7	111
42	Semiclassical decay of near extremal fivebranes. Journal of High Energy Physics, 1997, 1997, 008-008.	4.7	96
43	The cusp anomalous dimension at three loops and beyond. Journal of High Energy Physics, 2012, 2012, 1.	4.7	85
44	$\langle Y \rangle$ -system for scattering amplitudes. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 485401.	2.1	83
45	Symmetries near the horizon. Journal of High Energy Physics, 2019, 2019, 1.	4.7	66
46	Humanly traversable wormholes. Physical Review D, 2021, 103, .	4.7	54
47	Bounds on OPE coefficients from interference effects in the conformal collider. Journal of High Energy Physics, 2017, 2017, 1.	4.7	50
48	Dynamics of flux tubes in large N gauge theories. Journal of High Energy Physics, 2006, 2006, 024-024.	4.7	43
49	Black hole non-formation in the matrix model. Journal of High Energy Physics, 2006, 2006, 039-039.	4.7	37
50	To gauge or not to gauge?. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
51	Proper time to the black hole singularity from thermal one-point functions. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
52	Probing near extremal black holes with D-branes. Physical Review D, 1998, 57, 3736-3741.	4.7	36
53	D-branes and near extremal black holes at low energies. Physical Review D, 1997, 55, 7645-7650.	4.7	32
54	Flux-vacua in two dimensional string theory. Journal of High Energy Physics, 2005, 2005, 077-077.	4.7	28

#	ARTICLE	IF	CITATIONS
55	LARGE N FIELD THEORIES, STRING THEORY AND GRAVITY. , 2006, , .		16
56	String scale black holes at large D. Journal of High Energy Physics, 2022, 2022, 1.	4.7	12
57	The unwarped, resolved, deformed conifold: fivebranes and the baryonic branch of the Klebanov-Strassler theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11
58	LARGE N FIELD THEORIES, STRING THEORY AND GRAVITY. , 2001, , .		10
59	Large N Field Theories, String Theory and Gravity. , 2005, , 91-150.		2
60	SUPERGRAVITY DESCRIPTION OF FIELD THEORIES ON CURVED MANIFOLDS AND A NO GO THEOREM. , 2001, , .		2
61	Large N Field Theories, String Theory and Gravity. , 2001, , 47-116.		1
62	Strings in Flat Space and Plane Waves from N= 4 Super Yang Mills. , 2003, , 111-128.		0