

Gary T Horowitz

List of Publications by Year in descending order

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83
papers

9,761
citations

66343

42
h-index

76900

74
g-index

83
all docs

83
docs citations

83
times ranked

3817
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremal black holes that are not extremal: maximal warm holes. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Boundary Causality Violating Metrics in Holography. Physical Review Letters, 2021, 127, 081603.	7.8	3
3	Inside an asymptotically flat hairy black hole. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
4	Gravitational duals to the grand canonical ensemble abhor Cauchy horizons. Journal of High Energy Physics, 2020, 2020, 1.	4.7	35
5	Gravitational corner conditions in holography. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
6	Bulk reconstruction of metrics with a compact space asymptotically. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
7	Consequences of analytic boundary conditions in AdS. Journal of High Energy Physics, 2020, 2020, 1.	4.7	0
8	Further evidence for the weak gravity $\hat{=}$ cosmic censorship connection. Journal of High Energy Physics, 2019, 2019, 1.	4.7	28
9	Holographic argument for the Penrose inequality in AdS spacetimes. Physical Review D, 2019, 99, .	4.7	8
10	Attempts at vacuum counterexamples to cosmic censorship in AdS. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
11	Testing the weak gravity-cosmic censorship connection. Physical Review D, 2018, 97, .	4.7	69
12	Deforming black holes in AdS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	9
13	Detachable circles and temperature-inversion dualities for CFT d. Journal of High Energy Physics, 2018, 2018, 1.	4.7	9
14	Towards a reconstruction of general bulk metrics. Classical and Quantum Gravity, 2017, 34, 015004.	4.0	40
15	Comments on black holes in bubbling spacetimes. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
16	Recovering the spacetime metric from a holographic dual. Advances in Theoretical and Mathematical Physics, 2017, 21, 1635-1653.	0.6	18
17	Evidence for an electrifying violation of cosmic censorship. Classical and Quantum Gravity, 2016, 33, 195007.	4.0	68
18	New insights into quantum gravity from gauge/gravity duality. International Journal of Modern Physics D, 2016, 25, 1643002.	2.1	13

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19	Holographic consequences of a no transmission principle. Physical Review D, 2016, 93, .	4.7	28
20	Further holographic investigations of big bang singularities. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
21	A no black hole theorem. Classical and Quantum Gravity, 2015, 32, 055011.	4.0	1
22	Hovering black holes from charged defects. Classical and Quantum Gravity, 2015, 32, 105001.	4.0	30
23	Geons and the instability of anti-de Sitter spacetime. Journal of Differential Geometry, 2015, 20, 321-335.	1.0	33
24	Simple holographic insulator. Physical Review D, 2014, 90, .	4.7	23
25	Holographic Signatures of Cosmological Singularities. Physical Review Letters, 2014, 113, 121602.	7.8	42
26	Vortices in holographic superfluids and superconductors as conformal defects. Journal of High Energy Physics, 2014, 2014, 1.	4.7	51
27	Entanglement entropy near cosmological singularities. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20
28	Geons and spin-2 condensates in the AdS soliton. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
29	General relativity and the cuprates. Journal of High Energy Physics, 2013, 2013, 1.	4.7	70
30	Simple holographic model of nonlinear conductivity. Physical Review D, 2013, 88, .	4.7	16
31	Gravitational turbulent instability of anti-de Sitter space. Classical and Quantum Gravity, 2012, 29, 194002.	4.0	119
32	Numerical construction of static and stationary black holes. , 2012, , 233-270.		28
33	The fluid/gravity correspondence. , 2012, , 348-386.		28
34	Optical conductivity with holographic lattices. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
35	Further evidence for lattice-induced scaling. Journal of High Energy Physics, 2012, 2012, 1.	4.7	132
36	Lifshitz singularities. Physical Review D, 2012, 85, .	4.7	35

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37	Holographic Josephson Junctions. Physical Review Letters, 2011, 106, 221601.	7.8	49
38	Holographic quantum criticality from multi-trace deformations. Journal of High Energy Physics, 2011, 2011, 1.	4.7	27
39	Black holes with only one Killing field. Journal of High Energy Physics, 2011, 2011, 1.	4.7	146
40	Surprising connections between general relativity and condensed matter. Classical and Quantum Gravity, 2011, 28, 114008.	4.0	18
41	Introduction to Holographic Superconductors. Lecture Notes in Physics, 2011, , 313-347.	0.7	218
42	Photoemission experiments on holographic superconductors. Journal of High Energy Physics, 2010, 2010, 1.	4.7	80
43	Complete phase diagrams for a holographic superconductor/insulator system. Journal of High Energy Physics, 2010, 2010, 1.	4.7	114
44	New stability results for Einstein scalar gravity. Classical and Quantum Gravity, 2010, 27, 205007.	4.0	49
45	Uniqueness of extremal Kerr and Kerr-Newman black holes. Physical Review D, 2010, 81, .	4.7	32
46	No dynamics in the extremal Kerr throat. Journal of High Energy Physics, 2009, 2009, 044-044.	4.7	101
47	Zero temperature limit of holographic superconductors. Journal of High Energy Physics, 2009, 2009, 015-015.	4.7	254
48	Holographic superconductors. Journal of High Energy Physics, 2008, 2008, 015-015.	4.7	877
49	Building a Holographic Superconductor. Physical Review Letters, 2008, 101, 031601.	7.8	1,317
50	Nonperturbative instability of AdS_5 \tilde{A} - S^5 Z . Physical Review D, 2008, 77, .	4.7	50
51	Holographic superconductors with various condensates. Physical Review D, 2008, 78, .	4.7	255
52	Counting the Microstates of a Kerr Black Hole in M Theory. Physical Review Letters, 2007, 99, 221601.	7.8	26
53	The inside story: Quasilocal tachyons and black holes. Physical Review D, 2006, 73, .	4.7	54
54	Microstates of a Neutral Black Hole in M Theory. Physical Review Letters, 2006, 97, 141601.	7.8	82

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55	Holographic description of AdS cosmologies. <i>Journal of High Energy Physics</i> , 2005, 2005, 005-005.	4.7	152
56	D2: STRING AND M THEORY. , 2005, , .		0
57	Creating Naked Singularities and Negative Energy. , 2005, , .		0
58	Towards a Big Crunch Dual. <i>Journal of High Energy Physics</i> , 2004, 2004, 073-073.	4.7	148
59	When black holes meet Kaluza-Klein bubbles. <i>Physical Review D</i> , 2003, 67, .	4.7	45
60	Colliding Kaluza-Klein bubbles. <i>Classical and Quantum Gravity</i> , 2002, 19, 5543-5555.	4.0	13
61	Clean Time-Dependent String Backgrounds from Bubble Baths. <i>Journal of High Energy Physics</i> , 2002, 2002, 007-007.	4.7	103
62	Fate of the black string instability. <i>AIP Conference Proceedings</i> , 2002, , .	0.4	0
63	Fate of the Black String Instability. <i>Physical Review Letters</i> , 2001, 87, 131301.	7.8	158
64	Black Holes Radiate Mainly on the Brane. <i>Physical Review Letters</i> , 2000, 85, 499-502.	7.8	343
65	Exact description of black holes on branes. <i>Journal of High Energy Physics</i> , 2000, 2000, 007-007.	4.7	261
66	Exact description of black holes on branes II: comparison with BTZ black holes and black strings. <i>Journal of High Energy Physics</i> , 2000, 2000, 021-021.	4.7	168
67	Extreme Kerr throat geometry: A vacuum analog of $AdS_2 \times S^2$. <i>Physical Review D</i> , 1999, 60, .	4.7	312
68	AdS-CFT correspondence and a new positive energy conjecture for general relativity. <i>Physical Review D</i> , 1998, 59, .	4.7	315
69	Properties of naked black holes. <i>Physical Review D</i> , 1998, 57, 1098-1107.	4.7	31
70	Spectrum of Large N Gauge Theory from Supergravity. <i>Physical Review Letters</i> , 1998, 80, 4116-4118.	7.8	51
71	Statistical Entropy of Nonextremal Four-Dimensional Black Holes and U Duality. <i>Physical Review Letters</i> , 1996, 77, 430-433.	7.8	140
72	Breaking Cosmic Strings without Monopoles. <i>Physical Review Letters</i> , 1995, 75, 3390-3393.	7.8	68

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73	Higher-dimensional resolution of dilatonic black-hole singularities. <i>Classical and Quantum Gravity</i> , 1995, 12, 297-317.	4.0	251
74	String theory formulation of the three-dimensional black hole. <i>Physical Review Letters</i> , 1993, 71, 328-331.	7.8	216
75	Charged black holes in string theory. <i>Physical Review D</i> , 1991, 43, 3140-3143.	4.7	1,004
76	Negative energy in string theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 262, 437-443.	4.1	115
77	Strings in strong gravitational fields. <i>Physical Review D</i> , 1990, 42, 1950-1959.	4.7	169
78	A quantum field theoretic description of linking numbers and their generalization. <i>Communications in Mathematical Physics</i> , 1990, 130, 83-94.	2.2	84
79	Spacetime singularities in string theory. <i>Physical Review Letters</i> , 1990, 64, 260-263.	7.8	324
80	String theory as a quantum theory of gravity. , 1990, , 419-440.		1
81	String Theory Without a Background Spacetime Geometry. , 1987, , .		1
82	Positive mass theorems for black holes. <i>Communications in Mathematical Physics</i> , 1983, 88, 295-308.	2.2	246
83	Quantum Gravity via Supersymmetry and Holography. , 0, , 612-666.		2