

Thomas Hertog

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,719
citations

257450

24
h-index

189892

50
g-index

52
all docs

52
docs citations

52
times ranked

1665
citing authors

#	ARTICLE	IF	CITATIONS
1	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
2	Living with ghosts. <i>Physical Review D</i> , 2002, 65, .	4.7	254
3	Prospects for fundamental physics with LISA. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	2.0	198
4	Holographic description of AdS cosmologies. <i>Journal of High Energy Physics</i> , 2005, 2005, 005-005.	4.7	152
5	Black Holes with Scalar Hair and Asymptotics in $N=8$ Supergravity. <i>Journal of High Energy Physics</i> , 2004, 2004, 051-051.	4.7	150
6	Echoes of Kerr-like wormholes. <i>Physical Review D</i> , 2018, 97, .	4.7	142
7	Classical universes of the no-boundary quantum state. <i>Physical Review D</i> , 2008, 77, .	4.7	126
8	No-Boundary Measure of the Universe. <i>Physical Review Letters</i> , 2008, 100, 201301.	7.8	118
9	Designer Gravity and Field Theory Effective Potentials. <i>Physical Review Letters</i> , 2005, 94, 221301.	7.8	111
10	New horizons for fundamental physics with LISA. <i>Living Reviews in Relativity</i> , 2022, 25, .	26.7	82
11	Holographic no-boundary measure. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	63
12	Towards a novel no-hair theorem for black holes. <i>Physical Review D</i> , 2006, 74, .	4.7	62
13	Populating the landscape: A top-down approach. <i>Physical Review D</i> , 2006, 73, .	4.7	53
14	Ringing of rotating black holes in higher-derivative gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	50
15	Stability and thermodynamics of AdS black holes with scalar hair. <i>Physical Review D</i> , 2005, 71, .	4.7	49
16	Generic Cosmic-Censorship Violation in anti-de Sitter Space. <i>Physical Review Letters</i> , 2004, 92, 131101.	7.8	45
17	A smooth exit from eternal inflation?. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	43
18	Holographic Signatures of Cosmological Singularities. <i>Physical Review Letters</i> , 2014, 113, 121602.	7.8	42

#	ARTICLE	IF	CITATIONS
19	Stability in designer gravity. <i>Classical and Quantum Gravity</i> , 2005, 22, 5323-5341.	4.0	40
20	Gravitational ringing of rotating black holes in higher-derivative gravity. <i>Physical Review D</i> , 2022, 105, .	4.7	39
21	Local Observation in Eternal Inflation. <i>Physical Review Letters</i> , 2011, 106, 141302.	7.8	38
22	No-boundary measure in the regime of eternal inflation. <i>Physical Review D</i> , 2010, 82, .	4.7	34
23	Quantum probabilities for inflation from holography. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 015-015.	5.4	34
24	Further holographic investigations of big bang singularities. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	32
25	Predicting a prior for Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 043-043.	5.4	24
26	Gravitational waves from plunges into Gargantua. <i>Classical and Quantum Gravity</i> , 2018, 35, 104002.	4.0	24
27	The NUTs and Bolts of squashed holography. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	22
28	Euclidean Axion Wormholes Have Multiple Negative Modes. <i>Physical Review Letters</i> , 2019, 123, 081302.	7.8	22
29	Anthropic bounds on $\int_{\mathcal{H}} \langle \mathcal{O} \rangle$ from the no-boundary quantum state. <i>Physical Review D</i> , 2013, 88, .	4.7	21
30	Fuzzball Shadows: Emergent Horizons from Microstructure. <i>Physical Review Letters</i> , 2021, 127, 171601.	7.8	21
31	Axion wormholes in AdS compactifications. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	17
32	Supersymmetric dS/CFT. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	15
33	Quantum transitions between classical histories. <i>Physical Review D</i> , 2015, 92, .	4.7	14
34	Novel higher-curvature variations of R^2 inflation. <i>Physical Review D</i> , 2021, 103, .	4.7	14
35	Islands in multiverse models. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	14
36	One bubble to rule them all. <i>Physical Review D</i> , 2017, 95, .	4.7	13

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37	Arrows of time in the bouncing universes of the no-boundary quantum state. <i>Physical Review D</i> , 2012, 85, .	4.7	12
38	Primordial fluctuations from complex AdS saddle points. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 010-010.	5.4	11
39	Two wave functions and dS/CFT on $S^1 \times S^2$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	10
40	Interactions resolve state-dependence in a toy-model of AdS black holes. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	10
41	Imaging higher-dimensional black objects. <i>Physical Review D</i> , 2019, 100, .	4.7	9
42	Squashed holography with scalar condensates. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	7
43	Cosmological singularities encoded in IR boundary correlations. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	6
44	Observational Implications of Fuzzball Formation. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	2.0	6
45	Holographic tunneling wave function. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-19.	4.7	5
46	Spinors in supersymmetric dS/CFT. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	5
47	Vector fields in holographic cosmology. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	4
48	Lorentzian condition in holographic cosmology. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	3
49	Stephen William Hawking CH CBE. 8 January 1942–14 March 2018. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2019, 66, 267-308.	0.1	1
50	Scalar self-force for high spin black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	1
51	Addendum to: Islands in multiverse models. <i>Journal of High Energy Physics</i> , 2022, 2022, .	4.7	0