

Hari K Kunduri

List of Publications by Year in descending order

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46
papers

1,315
citations

471509

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46
all docs

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docs citations

46
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Supersymmetric multicharge solitons in AdS_5 Physical Review D, 2022, 105, .	4.7	2
2	Holographic Complexity and Thermodynamic Volume. Physical Review Letters, 2021, 126, 101601.	7.8	19
3	Holographic complexity of rotating black holes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
4	Abelian instantons over the Chen-Teo AF geometry. Journal of Geometry and Physics, 2021, 168, 104310.	1.4	2
5	Slow Decay of Waves in Gravitational Solitons. Annales Henri Poincare, 2021, 22, 821-872.	1.7	2
6	Eigenvalues of the MOTS stability operator for slowly rotating Kerr black holes. General Relativity and Gravitation, 2021, 53, 1.	2.0	1
7	Existence and uniqueness of asymptotically flat toric gravitational instantons. Letters in Mathematical Physics, 2021, 111, 1.	1.1	1
8	Chemistry and complexity for solitons in AdS 5. Classical and Quantum Gravity, 2020, 37, 204002.	4.0	10
9	Existence and uniqueness of near-horizon geometries for 5-dimensional black holes. Journal of Geometry and Physics, 2019, 144, 370-387.	1.4	2
10	New thermodynamic identities for five-dimensional black holes. Classical and Quantum Gravity, 2019, 36, 07LT02.	4.0	4
11	Bounding Horizon Area by Angular Momentum, Charge, and Cosmological Constant in 5-Dimensional Minimal Supergravity. Annales Henri Poincare, 2019, 20, 481-525.	1.7	2
12	No static bubbling spacetimes in higher dimensional Einstein-Maxwell theory. Classical and Quantum Gravity, 2018, 35, 054003.	4.0	13
13	Relating Mass to Angular Momentum and Charge in Five-Dimensional Minimal Supergravity. Annales Henri Poincare, 2017, 18, 1703-1753.	1.7	6
14	Unstable marginally outer trapped surfaces in static spherically symmetric spacetimes. Physical Review D, 2017, 96, .	4.7	12
15	Mass-Angular-Momentum Inequality For Black Ring Spacetimes. Physical Review Letters, 2017, 119, 071101.	7.8	7
16	Comments on black holes in bubbling spacetimes. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
17	Spacetime Topology and the Laws of Black Hole-Soliton Mechanics. Entropy, 2017, 19, 35.	2.2	0
18	Remarks on mass and angular momenta for $U(1)$ -invariant initial data. Journal of Mathematical Physics, 2016, 57, 032502.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Soliton mechanics. Physical Review D, 2016, 94, .	4.7	6
20	Black lenses in string theory. Physical Review D, 2016, 94, .	4.7	8
21	Master equation as a radial constraint. Physical Review D, 2016, 93, .	4.7	1
22	Proof of the mass-angular momentum inequality for bi-axisymmetric black holes with spherical topology. Advances in Theoretical and Mathematical Physics, 2016, 20, 1397-1441.	0.6	7
23	Small deformations of extreme five dimensional Myers-Perry black hole initial data. General Relativity and Gravitation, 2015, 47, 1.	2.0	3
24	Proof of the local mass-angular momenta inequality for $U(1)^2$ invariant black holes. Classical and Quantum Gravity, 2015, 32, 165020.	4.0	2
25	INFINITE CLASSES OF DEGENERATE HORIZON GEOMETRIES IN HIGHER DIMENSIONS. , 2015, , .		0
26	Mass functional for initial data in $4+1$ -dimensional spacetime. Physical Review D, 2014, 90, .	4.7	4
27	Notes on maximal slices of five-dimensional black holes. Classical and Quantum Gravity, 2014, 31, 055004.	4.0	6
28	Degenerate horizons, Einstein metrics, and Lens space bundles. Journal of Geometry and Physics, 2014, 86, 571-598.	1.4	2
29	Black hole non-uniqueness via spacetime topology in five dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	31
30	The first law of soliton and black hole mechanics in five dimensions. Classical and Quantum Gravity, 2014, 31, 032001.	4.0	23
31	Supersymmetric Black Holes with Lens-Space Topology. Physical Review Letters, 2014, 113, 211101.	7.8	50
32	Classification of Near-Horizon Geometries of Extremal Black Holes. Living Reviews in Relativity, 2013, 16, 8.	26.7	160
33	Extremal Sasakian horizons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 308-312.	4.1	5
34	Constructing near-horizon geometries in supergravities with hidden symmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10
35	An Infinite Class of Extremal Horizons in Higher Dimensions. Communications in Mathematical Physics, 2011, 303, 31-71.	2.2	17
36	Uniqueness of near-horizon geometries of rotating extremal AdS 4 black holes. Classical and Quantum Gravity, 2009, 26, 055019.	4.0	40

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37	Static near-horizon geometries in five dimensions. <i>Classical and Quantum Gravity</i> , 2009, 26, 245010.	4.0	17
38	A classification of near-horizon geometries of extremal vacuum black holes. <i>Journal of Mathematical Physics</i> , 2009, 50, .	1.1	106
39	Extremal vacuum black holes in higher dimensions. <i>Physical Review D</i> , 2008, 78, .	4.7	60
40	Near-horizon symmetries of extremal black holes. <i>Classical and Quantum Gravity</i> , 2007, 24, 4169-4189.	4.0	253
41	Near-horizon geometries of supersymmetric AdS_5 black holes. <i>Journal of High Energy Physics</i> , 2007, 2007, 015-015.	4.7	46
42	Do supersymmetric anti-de Sitter black rings exist?. <i>Journal of High Energy Physics</i> , 2007, 2007, 026-026.	4.7	58
43	Supersymmetric multi-charge AdS_5 black holes. <i>Journal of High Energy Physics</i> , 2006, 2006, 036-036.	4.7	142
44	Gravitational perturbations of higher dimensional rotating black holes: Tensor perturbations. <i>Physical Review D</i> , 2006, 74, .	4.7	118
45	Notes on non-extremal, charged, rotating black holes in minimal gauged supergravity. <i>Nuclear Physics B</i> , 2005, 724, 343-356.	2.5	25
46	Cosmic cloaking of rich extra dimensions. <i>International Journal of Modern Physics D</i> , 0, , .	2.1	1