

Cenalo Vaz

List of Publications by Year in descending order

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54
papers

809
citations

430874

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552781

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all docs

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docs citations

55
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a midisuperspace quantization of Lemaître-Tolman-Bondi collapse models. <i>Physical Review D</i> , 2001, 63, .	4.7	51
2	Axion stars in the infrared limit. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	48
3	Mass quantization of the Schwarzschild black hole. <i>Physical Review D</i> , 1999, 60, .	4.7	44
4	Classical and quantum Lemaître-Tolman-Bondi model for the nonmarginal case. <i>Physical Review D</i> , 2006, 73, .	4.7	42
5	Particle creation in the marginally bound, self-similar collapse of inhomogeneous dust. <i>Nuclear Physics B</i> , 1998, 532, 361-375.	2.5	37
6	Quantum stress tensor in self-similar spherical dust collapse. <i>Physical Review D</i> , 1998, 58, .	4.7	33
7	Quantum states and the statistical entropy of the charged black hole. <i>Physical Review D</i> , 2000, 63, .	4.7	27
8	Quantum black holes from quantum collapse. <i>Physical Review D</i> , 2001, 64, .	4.7	27
9	Canonical quantization and the statistical entropy of the Schwarzschild black hole. <i>Physical Review D</i> , 2000, 61, .	4.7	26
10	DE SITTER GRAVITY AND SUPERGRAVITY IN THREE DIMENSIONS AS CHERN-SIMONS THEORIES. <i>Modern Physics Letters A</i> , 1990, 05, 935-941.	1.2	24
11	A simple derivation of the naked singularity in spherical dust collapse. <i>Classical and Quantum Gravity</i> , 1999, 16, 1727-1732.	4.0	24
12	Naked singularities and quantum gravity. <i>Physical Review D</i> , 2001, 64, .	4.7	24
13	Hawking radiation from the quantum Lemaître-Tolman-Bondi model. <i>Physical Review D</i> , 2007, 75, .	4.7	23
14	Mass spectrum and statistical entropy of the BTZ black hole from canonical quantum gravity. <i>Physical Review D</i> , 2008, 77, .	4.7	23
15	Quantum general relativity and Hawking radiation. <i>Physical Review D</i> , 2003, 67, .	4.7	21
16	Quantum gravitational collapse and Hawking radiation in $2+1$ dimensions. <i>Physical Review D</i> , 2007, 76, .	4.7	20
17	Gravitationally bound Bose condensates with rotation. <i>Physical Review D</i> , 2018, 97, .	4.7	19
18	Radiation flux and spectrum in the Vaidya collapse model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 481, 74-78.	4.1	18

#	ARTICLE	IF	CITATIONS
19	Timelike naked singularity. <i>Physical Review D</i> , 2004, 70, .	4.7	16
20	Approximate stress-energy tensor for evaporating black holes. <i>Physical Review D</i> , 1989, 39, 1776-1779.	4.7	15
21	Extended supergravity: Chern-Simons theories in 2+1 dimensions. <i>Journal of Mathematical Physics</i> , 1991, 32, 239-246.	1.1	15
22	Magnetic moments of heavy quarks and leptons. <i>Physical Review D</i> , 1985, 32, 247-256.	4.7	14
23	Do naked singularities form?. <i>Classical and Quantum Gravity</i> , 1996, 13, L59-L65.	4.0	14
24	Wilson loops and black holes in 2+1 dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 327, 29-34.	4.1	13
25	Exact quantum state of collapse and black hole radiation. <i>Physical Review D</i> , 2004, 69, .	4.7	13
26	Classical and quantum gravitational collapse in d -dimensional AdS spacetime: Classical solutions. <i>Physical Review D</i> , 2008, 77, .	4.7	13
27	Spectrum and statistical entropy of AdS black holes. <i>Physical Review D</i> , 2009, 79, .	4.7	12
28	Stress-energy tensors for vector fields outside a static black hole. <i>Physical Review D</i> , 1989, 40, 1340-1343.	4.7	11
29	Soliton-induced singularities in 2D gravity and their evaporation. <i>Classical and Quantum Gravity</i> , 1995, 12, 2607-2618.	4.0	11
30	Quantum naked singularities in 2D dilaton gravity. <i>Nuclear Physics B</i> , 1997, 487, 409-441.	2.5	11
31	Classical and quantum gravitational collapse in d -dimensional AdS spacetime. II. Quantum states and Hawking radiation. <i>Physical Review D</i> , 2008, 78, .	4.7	11
32	Black holes as gravitational atoms. <i>International Journal of Modern Physics D</i> , 2014, 23, 1441002.	2.1	11
33	Quantum gravitational dust collapse does not result in a black hole. <i>Nuclear Physics B</i> , 2015, 891, 558-569.	2.5	11
34	Divergence of the quantum stress tensor on the Cauchy horizon in 2D dust collapse. <i>Physical Review D</i> , 2000, 62, .	4.7	10
35	Quantum radiation from black holes and naked singularities in spherical dust collapse. <i>Physical Review D</i> , 2000, 61, .	4.7	10
36	Tunneling during quantum collapse in AdS spacetime. <i>Physical Review D</i> , 2013, 87, .	4.7	8

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37	Reflection and transmission at the apparent horizon during gravitational collapse. Physical Review D, 2010, 82, .	4.7	7
38	Canonical quantization of spherically symmetric dust collapse. General Relativity and Gravitation, 2011, 43, 3429-3449.	2.0	7
39	Rotating, inhomogeneous dust interior for the BTZ black hole. Physical Review D, 2008, 78, .	4.7	5
40	Canonical partition function of loop black holes. Physical Review D, 2012, 85, .	4.7	5
41	Quantum collapse of a thin shell revisited. Physical Review D, 2022, 105, .	4.7	5
42	PARTITION FUNCTION FOR TWO LEVEL PARABOSONIC SYSTEMS. Modern Physics Letters A, 1989, 04, 1121-1126.	1.2	4
43	Signatures of a second heavy neutral vector boson in e^+e^- annihilation. Physical Review D, 1986, 33, 2578-2584.	4.7	2
44	Inhomogeneous Dark Radiation Dynamics on a de Sitter Brane. Astrophysics and Space Science, 2003, 283, 537-542.	1.4	2
45	THE QUANTUM GRAVITATIONAL BLACK HOLE IS NEITHER BLACK NOR WHITE. International Journal of Modern Physics D, 2004, 13, 2369-2373.	2.1	2
46	Bose condensation and the BTZ black hole. Classical and Quantum Gravity, 2010, 27, 055009.	4.0	2
47	Statistical analysis of entropy correction from topological defects in loop black holes. Physical Review D, 2012, 86, .	4.7	2
48	Quantum dust collapse in $2+1$ dimension. Physical Review D, 2016, 93, .	4.7	2
49	SIGNATURES OF AN EMERGENT GRAVITY FROM BLACK HOLE ENTROPY. International Journal of Modern Physics D, 2009, 18, 2323-2327.	2.1	1
50	Signatures of an emergent gravity from black hole entropy. General Relativity and Gravitation, 2009, 41, 2307-2311.	2.0	1
51	Essay: The Quantum Gravitational Black Hole Is Neither Black Nor White. General Relativity and Gravitation, 2004, 36, 2589-2594.	2.0	0
52	A six-dimensional Z_2 symmetric model with warped physical space. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 304012.	2.1	0
53	Black Hole Bose Condensation. Journal of Physics: Conference Series, 2013, 462, 012057.	0.4	0
54	Canonical Chern-Simons gravity. Physical Review D, 2017, 96, .	4.7	0