João Paulo M Pitelli

List of Publications by Year
in descending order

24 papers	187 citations	1163117 8 h-index	1125743 13 g-index
24 all docs	24 docs citations	24 times ranked	84 citing authors

#	Article	IF	Citations
1	Quantum singularities around a global monopole. Physical Review D, 2009, 80, .	4.7	26
2	Quantum singularities in the BTZ spacetime. Physical Review D, 2008, 77, .	4.7	23
3	Quantum singularities in Hořava-Lifshitz cosmology. Physical Review D, 2012, 86, .	4.7	22
4	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-dimensional FLRW quantum cosmology. Physical Review D, 2010, 82, .	4.7	21
5	QUANTUM SINGULARITIES IN STATIC SPACETIMES. International Journal of Modern Physics D, 2011, 20, 729-743.	2.1	20
6	Quantum singularities in the FRW universe revisited. Physical Review D, 2010, 82, .	4.7	11
7	Comment on "Hadamard states for a scalar field in anti–de Sitter spacetime with arbitrary boundary conditions". Physical Review D, 2019, 99, .	4.7	10
8	Analogue models for Schwarzschild and Reissner-Nordström spacetimes. Physical Review D, 2021, 104, .	4.7	8
9	Angular momentum based graviton detector. Physical Review D, 2021, 104, .	4.7	8
10	Analogue model for anti-de Sitter as a description of point sources in fluids. Physical Review D, 2016, 94, .	4.7	7
11	Scattering cross section and stability of global monopoles. Physical Review D, 2017, 96, .	4.7	4
12	Boundary conditions and renormalized stress-energy tensor on a Poincaré patch of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>AdS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review D, 2019, 99, .	4.7	4
13	Quantum fields, geometric fluctuations, and the structure of spacetime. Physical Review D, 2020, 102, .	4.7	4
14	Quantum cosmology in (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T Hořava-Lifshitz theory of gravity. Physical Review D, 2016, 93, .	4.7	3
15	Quantum scattering on a cone revisited. Physical Review D, 2017, 96, .	4.7	3
16	Vacuum fluctuations and boundary conditions in a global monopole. Physical Review D, 2018, 98, .	4.7	3
17	Cosmology in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn><mml:mo>) Tj ETQq1 1 0 784314 . Physical Review D, 2015, 92, .	4.7	2
18	Particle production between isometric frames on a Poincaré patch of AdS2. Journal of Mathematical Physics, 2019, 60, 092301.	1.1	2

#	Article	IF	Citations
19	Unruh-DeWitt detector in AdS_2. Physical Review D, 2021, 104, .	4.7	2
20	Boundary conditions for isolated asymptotically anti-de Sitter spacetimes. Journal of Mathematical Physics, 2022, 63, .	1.1	2
21	Scattering by a topological defect connecting two asymptotically Minkowski spacetimes. Physical Review D, 2015, 91, .	4.7	1
22	Analogue gravity and radial fluid flows: The case of AdS and its deformations. Physical Review D, 2018, 97, .	4.7	1
23	Modeling the quantum evolution of the universe through classical matter. General Relativity and Gravitation, 2013, 45, 1347-1364.	2.0	0
24	Thermal effects on a global monopole with Robin boundary conditions. Physical Review D, 2021, 104, .	4.7	0