Cristian Martinez

List of Publications by Year
in descending order

57 papers	2,995 citations	186265 28 h-index	161849 54 g-index
57 all docs	57 docs citations	57 times ranked	861 citing authors

#	ARTICLE	IF	CITATIONS
1	Higher-dimensional black holes with a conformally invariant Maxwell source. Physical Review D, 2007, 75, .	4.7	230
2	Charged rotating black hole in three spacetime dimensions. Physical Review D, 2000, 61, .	4.7	209
3	Higher-dimensional charged black hole solutions with a nonlinear electrodynamics source. Classical and Quantum Gravity, 2008, 25, 195023.	4.0	202
4	Exact black hole solution with a minimally coupled scalar field. Physical Review D, 2004, 70, .	4.7	171
5	Black holes and asymptotics of 2+1 gravity coupled to a scalar field. Physical Review D, 2002, 65, .	4.7	166
6	Lovelock black holes with a nonlinear Maxwell field. Physical Review D, 2009, 79, .	4.7	143
7	de Sitter black hole with a conformally coupled scalar field in four dimensions. Physical Review D, 2003, 67, .	4.7	133
8	Conformally dressed black hole in 2 + 1 dimensions. Physical Review D, 1996, 54, 3830-3833.	4.7	120
9	Asymptotic behavior and Hamiltonian analysis of anti-de Sitter gravity coupled to scalar fields. Annals of Physics, 2007, 322, 824-848.	2.8	118
10	Thermodynamics of charged black holes with a nonlinear electrodynamics source. Physical Review D, 2009, 80, .	4.7	110
11	Asymptotically anti–de Sitter spacetimes and scalar fields with a logarithmic branch. Physical Review D, 2004, 70, .	4.7	105
12	Topological black holes dressed with a conformally coupled scalar field and electric charge. Physical Review D, 2006, 74, .	4.7	102
13	Quasinormal modes for massless topological black holes. Physical Review D, 2003, 67, .	4.7	93
14	Anti-de Sitter space and black holes. Classical and Quantum Gravity, 1998, 15, 3575-3598.	4.0	82
15	Geodesic structure of the (2 + 1)-dimensional BTZ black hole. Classical and Quantum Gravity, 1994, 11, 2731-2739.	4.0	71
16	Stealth scalar field overflying a 2+1 black hole. General Relativity and Gravitation, 2006, 38, 145-152.	2.0	68
17	Nonminimally coupled scalar fields may not curve spacetime. Physical Review D, 2005, 71, .	4.7	53
18	Electrically charged black hole with scalar hair. Physical Review D, 2006, 74, .	4.7	51

#	ARTICLE	IF	CITATIONS
19	Asymptotically anti-de Sitter spacetimes in topologically massive gravity. Physical Review D, 2009, 79, .	4.7	51
20	An Enquiry into Metabolite Domains. Biophysical Journal, 2007, 92, 3878-3884.	0.5	49
21	Finite action for three dimensional gravity with a minimally coupled scalar field. Physical Review D, 2003, 67, .	4.7	46
22	Scalar solitons and the microscopic entropy of hairy black holes in three dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
23	Cosmological scaling solutions of minimally coupled scalar fields in three dimensions. Classical and Quantum Gravity, 2000, 17, 2867-2874.	4.0	37
24	Hairy black hole entropy and the role of solitons in three dimensions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
25	Trace anomaly and counterterms in designer gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
26	Mass of asymptotically antiâ€"de Sitter hairy spacetimes. Physical Review D, 2015, 91, .	4.7	30
27	Rotating hairy black holes in arbitrary dimensions. Physical Review D, 2018, 97, .	4.7	30
28	Birkhoffâ€™s theorem for three-dimensional AdS gravity. Physical Review D, 2004, 70, .	4.7	28
29	Energy conditions in arbitrary dimensions. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	28
30	Static black hole solutions with a self-interacting conformally coupled scalar field. Physical Review D, 2008, 77, .	4.7	26
31	Quantum Backreaction on Three-Dimensional Black Holes and Naked Singularities. Physical Review Letters, 2017, 118, 131102.	7.8	26
32	Three-dimensional black holes with conformally coupled scalar and gauge fields. Physical Review D, 2014, 90, .	4.7	24
33	Rotating hairy black hole and its microscopic entropy in three spacetime dimensions. Physical Review D, 2013, 87, .	4.7	23
34	Back reaction of a conformal field on a three-dimensional black hole. Physical Review D, 1997, 55, 3642-3646.	4.7	22
35	Asymptotically warped anti-de Sitter spacetimes in topologically massive gravity. Physical Review D, 2011, 84, .	4.7	22
36	Supersymmetry of gravitational ground states. Journal of High Energy Physics, 2002, 2002, 020-020.	4.7	21

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37	Quantum dress for a naked singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 244-248.	4.1	20
38	Magnetic black holes with higher-order curvature and gauge corrections in even dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	19
39	Quantum-corrected rotating black holes and naked singularities in (<mml:math> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 672 T((dimensions. Physical Review D, 2019, 99, .	4.7	18
40	General requirement for harvesting antennae at Ca2+ and H+ channels and transporters. Frontiers in Neuroenergetics, 2010, 2, .	5.3	16
41	Static spacetimes haunted by a phantom scalar field. I. Classification and global structure in the massless case. Physical Review D, 2021, 103, .	4.7	16
42	More on asymptotically anti-de Sitter spaces in topologically massive gravity. Physical Review D, 2010, 82, .	4.7	14
43	Stationary cylindrically symmetric spacetimes with a massless scalar field and a nonpositive cosmological constant. Physical Review D, 2015, 92, .	4.7	13
44	Junction conditions in scalar–tensor theories. Classical and Quantum Gravity, 2020, 37, 075022.	4.0	11
45	Anti-de Sitter massless scalar field spacetimes in arbitrary dimensions. Physical Review D, 2012, 85, .	4.7	10
46	Geodesic structure of naked singularities in AdS3 spacetime. Physical Review D, 2019, 100, .	4.7	10
47	Black holes with a conformally coupled scalar field. , 2009, , 1-13.		9
48	Instability of a three-dimensional conformally dressed black hole. Physical Review D, 1998, 58, .	4.7	7
49	Phase transitions in charged topological black holes dressed with a scalar hair. Physical Review D, 2010, 82, .	4.7	7
50	Exact black-hole formation with a conformally coupled scalar field in three dimensions. Classical and Quantum Gravity, 2018, 35, 245001.	4.0	6
51	Minimal duality breaking in the Kallen–Lehman approach to 3D Ising model: A numerical test. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 139-144.	4.1	5
52	Quantum fields as Cosmic Censors in (2 + 1)-dimensions. International Journal of Modern Physics D, 2018, 27, 1843011.	2.1	5
53	All static and electrically charged solutions with Einstein base manifold in the arbitrary-dimensional Einstein–Maxwell system with a massless scalar field. European Physical Journal C, 2018, 78, 1.	3.9	5
54	Higher-dimensional Buchdahl and Janis–Robinson–Winicour transformations in the Einstein–Maxwell system with a massless scalar field. Classical and Quantum Gravity, 2019, 36, 185017.	4.0	5

#	Article	IF	Citations
55	Overspinning naked singularities in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>AdS</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml... spacetime. Physical Review D, 2021, 104, .	4.7	4
56	The effect of a magnetic field on the transport and scattering properties of randomly rough surfaces. Journal of Physics Condensed Matter, 1991, 3, 7723-7738.	1.8	0
57	Electric charge in the field of a magnetic event in three-dimensional spacetime. Physical Review D, 2012, 85, .	4.7	0