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	Overspinning naked singularities in AdS_3 spacetime. Physical Review D, 2021, 104, .	4.7	4
2	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
3	Junction conditions in scalar–tensor theories. Classical and Quantum Gravity, 2020, 37, 075022.	4.0	11
4	Energy conditions in arbitrary dimensions. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	28
5	Geodesic structure of naked singularities in AdS3 spacetime. Physical Review D, 2019, 100, .	4.7	10
6	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
7	Quantum-corrected rotating black holes and naked singularities in ( ) dimensions. Physical Review D, 2019, 99, .	4.7	18
8	Quantum fields as Cosmic Censors in (2 + 1)-dimensions. International Journal of Modern Physics D, 2018, 27, 1843011.	2.1	5
9	Rotating hairy black holes in arbitrary dimensions. Physical Review D, 2018, 97, .	4.7	30
10	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
11	Exact black-hole formation with a conformally coupled scalar field in three dimensions. Classical and Quantum Gravity, 2018, 35, 245001.	4.0	6
12	Quantum Backreaction on Three-Dimensional Black Holes and Naked Singularities. Physical Review Letters, 2017, 118, 131102.	7.8	26
13	Quantum dress for a naked singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 244-248.	4.1	20
14	Trace anomaly and counterterms in designer gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
15	Stationary cylindrically symmetric spacetimes with a massless scalar field and a nonpositive cosmological constant. Physical Review D, 2015, 92, .	4.7	13
16	Mass of asymptotically anti–de Sitter hairy spacetimes. Physical Review D, 2015, 91, .	4.7	30
17	Three-dimensional black holes with conformally coupled scalar and gauge fields. Physical Review D, 2014, 90, .	4.7	24
18	Rotating hairy black hole and its microscopic entropy in three spacetime dimensions. Physical Review D, 2013, 87, .	4.7	23

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19	Anti-de Sitter massless scalar field spacetimes in arbitrary dimensions. Physical Review D, 2012, 85, .	4.7	10
20	Electric charge in the field of a magnetic event in three-dimensional spacetime. Physical Review D, 2012, 85, .	4.7	0
21	Hairy black hole entropy and the role of solitons in three dimensions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
22	Asymptotically warped anti-de Sitter spacetimes in topologically massive gravity. Physical Review D, 2011, 84, .	4.7	22
23	Scalar solitons and the microscopic entropy of hairy black holes in three dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
24	Magnetic black holes with higher-order curvature and gauge corrections in even dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	19
25	General requirement for harvesting antennae at Ca2+ and H+ channels and transporters. Frontiers in Neuroenergetics, 2010, 2, .	5.3	16
26	Phase transitions in charged topological black holes dressed with a scalar hair. Physical Review D, 2010, 82, .	4.7	7
27	More on asymptotically anti-de Sitter spaces in topologically massive gravity. Physical Review D, 2010, 82, .	4.7	14
28	Asymptotically anti-de Sitter spacetimes in topologically massive gravity. Physical Review D, 2009, 79, .	4.7	51
29	Lovelock black holes with a nonlinear Maxwell field. Physical Review D, 2009, 79, .	4.7	143
30	Thermodynamics of charged black holes with a nonlinear electrodynamics source. Physical Review D, 2009, 80, .	4.7	110
31	Black holes with a conformally coupled scalar field. , 2009, , 1-13.		9
32	Minimal duality breaking in the Kallenâ€"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
33	Static black hole solutions with a self-interacting conformally coupled scalar field. Physical Review D, 2008, 77, .	4.7	26
34	Higher-dimensional charged black hole solutions with a nonlinear electrodynamics source. Classical and Quantum Gravity, 2008, 25, 195023.	4.0	202
35	Higher-dimensional black holes with a conformally invariant Maxwell source. Physical Review D, 2007, 75, .	4.7	230
36	An Enquiry into Metabolite Domains. Biophysical Journal, 2007, 92, 3878-3884.	0.5	49

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37	Asymptotic behavior and Hamiltonian analysis of anti-de Sitter gravity coupled to scalar fields. Annals of Physics, 2007, 322, 824-848.	2.8	118
38	Electrically charged black hole with scalar hair. Physical Review D, 2006, 74, .	4.7	51
39	Topological black holes dressed with a conformally coupled scalar field and electric charge. Physical Review D, 2006, 74, .	4.7	102
40	Stealth scalar field overflying a 2+1 black hole. General Relativity and Gravitation, 2006, 38, 145-152.	2.0	68
41	Nonminimally coupled scalar fields may not curve spacetime. Physical Review D, 2005, 71, .	4.7	53
42	Asymptotically anti–de Sitter spacetimes and scalar fields with a logarithmic branch. Physical Review D, 2004, 70, .	4.7	105
43	Exact black hole solution with a minimally coupled scalar field. Physical Review D, 2004, 70, .	4.7	171
44	Birkhoff's theorem for three-dimensional AdS gravity. Physical Review D, 2004, 70, .	4.7	28
45	Finite action for three dimensional gravity with a minimally coupled scalar field. Physical Review D, 2003, 67, .	4.7	46
46	de Sitter black hole with a conformally coupled scalar field in four dimensions. Physical Review D, 2003, 67, .	4.7	133
47	Quasinormal modes for massless topological black holes. Physical Review D, 2003, 67, .	4.7	93
48	Supersymmetry of gravitational ground states. Journal of High Energy Physics, 2002, 2002, 020-020.	4.7	21
49	Black holes and asymptotics of 2+1 gravity coupled to a scalar field. Physical Review D, 2002, 65, .	4.7	166
50	Cosmological scaling solutions of minimally coupled scalar fields in three dimensions. Classical and Quantum Gravity, 2000, 17, 2867-2874.	4.0	37
51	Charged rotating black hole in three spacetime dimensions. Physical Review D, 2000, 61, .	4.7	209
52	Anti-de Sitter space and black holes. Classical and Quantum Gravity, 1998, 15, 3575-3598.	4.0	82
53	Instability of a three-dimensional conformally dressed black hole. Physical Review D, 1998, 58, .	4.7	7
54	Back reaction of a conformal field on a three-dimensional black hole. Physical Review D, 1997, 55, 3642-3646.	4.7	22

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55	Conformally dressed black hole in 2 + 1 dimensions. Physical Review D, 1996, 54, 3830-3833.	4.7	120
56	Geodesic structure of the (2 + 1)-dimensional BTZ black hole. Classical and Quantum Gravity, 1994, 11, 2731-2739.	4.0	71
57	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