

# Ricardo Troncoso

## List of Publications by Year in descending order

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82  
papers

4,286  
citations

81900

39  
h-index

110387

64  
g-index

83  
all docs

83  
docs citations

83  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconformal Bondi-Metzner-Sachs Algebra in Three Dimensions. Physical Review Letters, 2021, 126, 091602.	7.8	9
2	Mapping relativistic to ultra/non-relativistic conformal symmetries in 2D and finite $\sqrt{\text{Toverline{T}}}$ deformations. Journal of High Energy Physics, 2021, 2021, 1.	4.7	26
3	Gravitational dual of averaged free CFTs over the Narain lattice. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
4	Hypergravity in five dimensions. Physical Review D, 2020, 101, .	4.7	3
5	Spacetime Structure near Generic Horizons and Soft Hair. Physical Review Letters, 2020, 124, 041601.	7.8	69
6	Lifshitz scaling, microstate counting from number theory and black hole entropy. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
7	The anisotropic chiral boson. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
8	Integrable systems with BMS3 Poisson structure and the dynamics of locally flat spacetimes. Journal of High Energy Physics, 2018, 2018, 1.	4.7	24
9	Revisiting the asymptotic dynamics of General Relativity on AdS3. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
10	Log corrections to entropy of three dimensional black holes with soft hair. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
11	Super-BMS3 invariant boundary theory from three-dimensional flat supergravity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	36
12	Asymptotic structure of $N = 2$ supergravity in 3D: extended super-BMS3 and nonlinear energy bounds. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
13	Soft hairy horizons in three spacetime dimensions. Physical Review D, 2017, 95, .	4.7	47
14	Asymptotically locally flat spacetimes and dynamical nonspherically-symmetric black holes in three dimensions. Physical Review D, 2016, 93, .	4.7	15
15	Soft Heisenberg hair on black holes in three dimensions. Physical Review D, 2016, 93, .	4.7	91
16	Boundary conditions for General Relativity on AdS3 and the KdV hierarchy. Journal of High Energy Physics, 2016, 2016, 1.	4.7	69
17	Higher spin black holes with soft hair. Journal of High Energy Physics, 2016, 2016, 1.	4.7	39
18	Asymptotic structure of the Einstein-Maxwell theory on AdS3. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14

#	ARTICLE	IF	CITATIONS
19	Extension of the Poincaré group with half-integer spin generators: hypergravity and beyond. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
20	Hypersymmetry bounds and three-dimensional higher-spin black holes. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
21	Asymptotically flat structure of hypergravity in three spacetime dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
22	Conserved charges and black holes in the Einstein-Maxwell theory on AdS3 reconsidered. Journal of High Energy Physics, 2015, 2015, 1.	4.7	8
23	Higher spin extension of cosmological spacetimes in 3D: asymptotically flat behaviour with chemical potentials and thermodynamics. Journal of High Energy Physics, 2015, 2015, 1.	4.7	31
24	Generalized black holes in three-dimensional spacetime. Journal of High Energy Physics, 2014, 2014, 1.	4.7	79
25	Asymptotic symmetries and dynamics of three-dimensional flat supergravity. Journal of High Energy Physics, 2014, 2014, 1.	4.7	73
26	Higher spin black hole entropy in three dimensions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	40
27	Higher spin gravity in 3D: Black holes, global charges and thermodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 444-449.	4.1	49
28	Asymptotically flat spacetimes in three-dimensional higher spin gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	91
29	Chemical potentials in three-dimensional higher spin anti-de Sitter gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	60
30	Hairy black hole entropy and the role of solitons in three dimensions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
31	Asymptotically warped anti-de Sitter spacetimes in topologically massive gravity. Physical Review D, 2011, 84, .	4.7	22
32	Scalar solitons and the microscopic entropy of hairy black holes in three dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	39
33	Gravitational solitons, hairy black holes and phase transitions in BHT massive gravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	20
34	Asymptotically Lifshitz wormholes and black holes for Lovelock gravity in vacuum. Journal of High Energy Physics, 2011, 2011, 1.	4.7	38
35	Field theories with anisotropic scaling in 2D, solitons and the microscopic entropy of asymptotically Lifshitz black holes. Journal of High Energy Physics, 2011, 2011, 1.	4.7	63
36	REMARKS ON THE MYERS-PERRY AND EINSTEIN-“GAUSS”-BONNET ROTATING SOLUTIONS. International Journal of Modern Physics D, 2011, 20, 639-647.	2.1	20

#	ARTICLE	IF	CITATIONS
37	Exact quasinormal modes for a special class of black holes. <i>Physical Review D</i> , 2010, 82, .	4.7	7
38	Static solutions with nontrivial boundaries for the Einstein-Gauss-Bonnet theory in vacuum. <i>Physical Review D</i> , 2010, 82, .	4.7	22
39	More on asymptotically anti-de Sitter spaces in topologically massive gravity. <i>Physical Review D</i> , 2010, 82, .	4.7	14
40	VACUUM SOLUTIONS WITH NONTRIVIAL BOUNDARIES FOR THE EINSTEIN-GAUSS-BONNET THEORY. <i>International Journal of Modern Physics A</i> , 2009, 24, 1690-1694.	1.5	29
41	STATIC WORMHOLES IN VACUUM FOR CONFORMAL GRAVITY. <i>International Journal of Modern Physics A</i> , 2009, 24, 1528-1532.	1.5	13
42	STATIC SPHERICALLY SYMMETRIC SOLUTIONS FOR CONFORMAL GRAVITY IN THREE DIMENSIONS. <i>International Journal of Modern Physics A</i> , 2009, 24, 1588-1592.	1.5	24
43	Kerr-Schild ansatz in Einstein-Gauss-Bonnet gravity: an exact vacuum solution in five dimensions. <i>Classical and Quantum Gravity</i> , 2009, 26, 065002.	4.0	59
44	Asymptotically anti-de Sitter spacetimes in topologically massive gravity. <i>Physical Review D</i> , 2009, 79, .	4.7	51
45	Three-dimensional black holes, gravitational solitons, kinks and wormholes for BHT massive gravity. <i>Journal of High Energy Physics</i> , 2009, 2009, 011-011.	4.7	138
46	General relativity with small cosmological constant from spontaneous compactification of Lovelock theory in vacuum. <i>Physical Review D</i> , 2009, 80, .	4.7	20
47	Microscopic entropy of the three-dimensional rotating black hole of Bergshoeff-Hohm-Townsend massive gravity. <i>Physical Review D</i> , 2009, 80, .	4.7	34
48	Static wormholes in vacuum and gravity in diverse dimensions. , 2009, , 1-19.		0
49	Black holes, parallelizable horizons, and half-BPS states for the Einstein-Gauss-Bonnet theory in five dimensions. <i>Physical Review D</i> , 2008, 77, .	4.7	21
50	Stability of asymptotically AdS wormholes in vacuum against scalar field perturbations. <i>Journal of High Energy Physics</i> , 2008, 2008, 081-081.	4.7	18
51	Three-dimensional supergravity reloaded. <i>Classical and Quantum Gravity</i> , 2007, 24, 2845-2860.	4.0	56
52	Static wormhole solution for higher-dimensional gravity in vacuum. <i>Physical Review D</i> , 2007, 75, .	4.7	125
53	Exact solutions for the Einstein-Gauss-Bonnet theory in five dimensions: Black holes, wormholes, and spacetime horns. <i>Physical Review D</i> , 2007, 76, .	4.7	87
54	Asymptotic behavior and Hamiltonian analysis of anti-de Sitter gravity coupled to scalar fields. <i>Annals of Physics</i> , 2007, 322, 824-848.	2.8	118

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55	Junction conditions in general relativity with spin sources. <i>Physical Review D</i> , 2006, 73, .	4.7	1
56	Electrically charged black hole with scalar hair. <i>Physical Review D</i> , 2006, 74, .	4.7	51
57	Topological black holes dressed with a conformally coupled scalar field and electric charge. <i>Physical Review D</i> , 2006, 74, .	4.7	102
58	Dynamics and BPS states of AdS5 supergravity with a Gauss-Bonnet term. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 637, 317-325.	4.1	28
59	Lie-algebra expansions, Chern-Simons theories and the Einstein-Hilbert Lagrangian. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 640, 278-284.	4.1	48
60	Transgression forms and extensions of Chern-Simons gauge theories. <i>Journal of High Energy Physics</i> , 2006, 2006, 067-067.	4.7	52
61	Simple compactifications and black p-branes in Gauss-Bonnet and Lovelock theories. <i>Journal of High Energy Physics</i> , 2006, 2006, 007-007.	4.7	43
62	Canonical sectors of five-dimensional Chern-Simons theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 615, 277-284.	4.1	39
63	Nonminimally coupled scalar fields may not curve spacetime. <i>Physical Review D</i> , 2005, 71, .	4.7	53
64	Asymptotically anti-de Sitter spacetimes and scalar fields with a logarithmic branch. <i>Physical Review D</i> , 2004, 70, .	4.7	105
65	Exact black hole solution with a minimally coupled scalar field. <i>Physical Review D</i> , 2004, 70, .	4.7	171
66	Poincaré invariant gravity with local supersymmetry as a gauge theory for the M-algebra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 596, 132-137.	4.1	39
67	Supersymmetric extension of the nine-dimensional continuation of the Euler density with $\text{xml:math}$ altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ia="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/c	4.1	7
68	Finite action for three dimensional gravity with a minimally coupled scalar field. <i>Physical Review D</i> , 2003, 67, .	4.7	46
69	de Sitter black hole with a conformally coupled scalar field in four dimensions. <i>Physical Review D</i> , 2003, 67, .	4.7	133
70	Quasinormal modes for massless topological black holes. <i>Physical Review D</i> , 2003, 67, .	4.7	93
71	Supersymmetry of gravitational ground states. <i>Journal of High Energy Physics</i> , 2002, 2002, 020-020.	4.7	21
72	Black holes and asymptotics of $d+1$ gravity coupled to a scalar field. <i>Physical Review D</i> , 2002, 65, .	4.7	166

#	ARTICLE	IF	CITATIONS
73	Degenerate dynamical systems. Journal of Mathematical Physics, 2001, 42, 4383-4390.	1.1	39
74	Black holes with topologically nontrivial AdS asymptotics. Physical Review D, 2001, 63, .	4.7	122
75	Higher-dimensional gravity, propagating torsion and AdS gauge invariance. Classical and Quantum Gravity, 2000, 17, 4451-4466.	4.0	86
76	Conserved charges for even dimensional asymptotically AdS gravity theories. Physical Review D, 2000, 62, .	4.7	88
77	Conserved Charges for Gravity with Locally Anti-de Sitter Asymptotics. Physical Review Letters, 2000, 84, 1647-1650.	7.8	148
78	Black hole scan. Physical Review D, 2000, 62, .	4.7	220
79	Gauge Supergravities for All Odd Dimensions. International Journal of Theoretical Physics, 1999, 38, 1181-1206.	1.2	64
80	Dynamical content of Chern-Simons supergravity. AIP Conference Proceedings, 1999, , .	0.4	7
81	New gauge supergravity in seven and eleven dimensions. Physical Review D, 1998, 58, .	4.7	82
82	Higher dimensional Chern-Simons supergravity. Physical Review D, 1996, 54, 2605-2611.	4.7	94