# Jorge Zanelli

List of Publications by Year
in descending order

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|---|---|---|---|
| 66 <br> papers | 6,654 <br> citations | 201674 <br> 27 <br> h-index | 106344 <br> 65 <br> g-index |
| 68 <br> all docs | 68 <br> docs citations | 68 <br> times ranked | 1730 <br> citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Black hole in three-dimensional spacetime. Physical Review Letters, 1992, 69, 1849-1851. | 7.8 | 2,843 |
| 2 | Geometry of the 2+1 black hole. Physical Review D, 1993, 48, 1506-1525. | 4.7 | 1,336 |
| 3 | Charged rotating black hole in three spacetime dimensions. Physical Review D, 2000, 61, . | 4.7 | 209 |
| 4 | Black holes and asymptotics of 2+1 gravity coupled to a scalar field. Physical Review D, 2002, 65, . | 4.7 | 166 |
| 5 | Gauge invariance and degree of freedom count. Nuclear Physics B, 1990, 332, 169-188. | 2.5 | 156 |
| 6 | Dimensionally continued topological gravitation theory in Hamiltonian form. Classical and Quantum Gravity, 1987, 4, L125-L129. | 4.0 | 148 |
| 7 | Conserved Charges for Gravity with Locally Antiâ€"de Sitter Asymptotics. Physical Review Letters, 2000, 84, 1647-1650. | 7.8 | 148 |
| 8 | Conformally dressed black hole in 2 + 1 dimensions. Physical Review D, 1996, 54, 3830-3833. | 4.7 | 120 |
| 9 | Analytic self-gravitating Skyrmions, cosmological bounces and AdS wormholes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 201-205. | 4.1 | 105 |
| 10 | Higher dimensional Chern-Simons supergravity. Physical Review D, 1996, 54, 2605-2611. | 4.7 | 94 |
| 11 | Conserved charges for even dimensional asymptotically AdS gravity theories. Physical Review D, 2000, 62, . | 4.7 | 88 |
| 12 | New gauge supergravity in seven and eleven dimensions. Physical Review D, 1998, 58, . | 4.7 | 82 |
| 13 | Finite Action For Chern-Simons Ads Gravity. Journal of High Energy Physics, 2004, 2004, 036-036. | 4.7 | 66 |
| 14 | Gauge Supergravities for All Odd Dimensions. International Journal of Theoretical Physics, 1999, 38, 1181-1206. | 1.2 | 64 |
| 15 | Quantum mechanics for multivalued Hamiltonians. Physical Review A, 1987, 36, 4417-4420. | 2.5 | 46 |
| 16 | Dynamical structure of irregular constrained systems. Journal of Mathematical Physics, 2003, 44, 3876. | 1.1 | 43 |
| 17 | Non-relativistic Maxwell Chern-Simons gravity. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 42 |
| 18 | Supersymmetry of a different kind. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Degenerate dynamical systems. Journal of Mathematical Physics, 2001, 42, 4383-4390. | 1.1 | 39 |
| 20 | Poincaré invariant gravity with local supersymmetry as a gauge theory for the M-algebra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 596, 132-137. | 4.1 | 39 |
| 21 | Canonical sectors of five-dimensional Chern–Simons theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 615, 277-284. | 4.1 | 39 |
| 22 | Operator ordering in quantum mechanics and quantum gravity. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1986, 93, 1-21. | 0.2 | 36 |
| 23 | Exact multisoliton solutions in the four-dimensional Skyrme model. Physical Review D, 2014, 90, . | 4.7 | 34 |
| 24 | Negative spectrum of the $2+1$ black hole. Physical Review D, 2009, 79, . | 4.7 | 30 |
| 25 | Birkhoff's theorem for three-dimensional AdS gravity. Physical Review D, 2004, 70, . | 4.7 | 28 |
| 26 | Dynamics and BPS states of AdS5 supergravity with a Gauss–Bonnet term. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 637, 317-325. | 4.1 | 28 |
| 27 | Cosmology with scalar–Euler form coupling. Classical and Quantum Gravity, 2013, 30, 135003. | 4.0 | 26 |
| 28 | Unconventional supersymmetry and its breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 314-321. | 4.1 | 26 |
| 29 | Quantum Backreaction on Three-Dimensional Black Holes and Naked Singularities. Physical Review Letters, 2017, 118, 131102. | 7.8 | 26 |
| 30 | $\mathcal{N}$ -extended D = 4 supergravity, unconventional SUSY and graphene. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 25 |
| 31 | General relativity from a gauged Wess-Zumino-Witten term. Physical Review D, 2007, 75, . | 4.7 | 24 |
| 32 | Back reaction of a conformal field on a three-dimensional black hole. Physical Review D, 1997, 55, 3642-3646. | 4.7 | 22 |
| 33 | Supersymmetry of gravitational ground states. Journal of High Energy Physics, 2002, 2002, 020-020. | 4.7 | 21 |
| 34 | Couplings between Chern-Simons gravities and $2p$-branes. Physical Review D, 2009, 80, . | 4.7 | 20 |
| 35 | Quantum dress for a naked singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 244-248. | 4.1 | 20 |
| 36 | Dynamical contents of unconventional supersymmetry. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 18 |

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|---|---------|-----|-----------|
| 37 | Quantum-corrected rotating black holes and naked singularities in ( <mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 752 T dimensions. Physical Review D, 2019, 99, . | 4.7 | 18 |
| 38 | Supersymmetric 3D model for gravity with *SU* (2) gauge symmetry, mass generation and effective cosmological constant. Classical and Quantum Gravity, 2015, 32, 175014. | 4.0 | 17 |
| 39 | Cosmological Einstein-Skyrme solutions with nonvanishing topological charge. Physical Review D, 2017, 95, . | 4.7 | 17 |
| 40 | Optical properties of aÎ,vacuum. Physical Review D, 2012, 85, . | 4.7 | 16 |
| 41 | The BTZ black hole as a Lorentz-flat geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 134-135. | 4.1 | 14 |
| 42 | Uses of Chern-Simons Actions. AIP Conference Proceedings, 2008, , . | 0.4 | 13 |
| 43 | Stable<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-branes in Chern-Simons AdS supergravities. Physical Review D, 2010, 82, . | 4.7 | 13 |
| 44 | Chiral gauge theory and gravity from unconventional supersymmetry. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 13 |
| 45 | Unconventional SUSY and Conventional Physics: A Pedagogical Review. Symmetry, 2021, 13, 628. | 2.2 | 12 |
| 46 | $$ mathcal{N} $$ = 2 extended MacDowell-Mansouri supergravity. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 12 |
| 47 | Î,term in a bounded region. Physical Review D, 2011, 84, . | 4.7 | 11 |
| 48 | Quantum degenerate systems. Journal of Mathematical Physics, 2012, 53, . | 1.1 | 10 |
| 49 | Black hole solutions in Chern-Simons AdS supergravity. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 10 |
| 50 | Geodesic structure of naked singularities in AdS3 spacetime. Physical Review D, 2019, 100, . | 4.7 | 10 |
| 51 | (Super-)Gravities of a different sort. Journal of Physics: Conference Series, 2006, 33, 83-94. | 0.4 | 9 |
| 52 | NAKED SINGULARITIES, TOPOLOGICAL DEFECTS AND BRANE COUPLINGS. International Journal of Modern Physics D, 2011, 20, 839-849. | 2.1 | 8 |
| 53 | Dynamical content of Chern-Simons supergravity. AIP Conference Proceedings, 1999, , . | 0.4 | 7 |
| 54 | Role of gravity in particle physics: A unified approach. International Journal of Modern Physics D, 2020, 29, 2041012. | 2.1 | 7 |

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|---|---------|----|-----------|
| 55 | From Lorentz-Chern-Simons to Massive Gravity in 2+1 dimensions. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 6 |
| 56 | Quantum fields as Cosmic Censors in (2 + 1)-dimensions. International Journal of Modern Physics D, 2018, 27, 1843011. | 2.1 | 5 |
| 57 | Gauging the superconformal group with a graded dual operator. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 5 |
| 58 | Geometry and stability of spinning branes in AdS gravity. Physical Review D, 2011, 84, . | 4.7 | 4 |
| 59 | Gribov ambiguity and degenerate systems. Physical Review D, 2014, 90, . | 4.7 | 4 |
| 60 | Dynamical sectors for a spinning particle in $AdS_3$. Physical Review D, 2014, 90, . | 4.7 | 4 |
| 61 | Overspinning naked singularities in $AdS_3$ spacetime. Physical Review D, 2021, 104, . | 4.7 | 4 |
| 62 | Embedding of rank two supercharges in the superconformal algebra. Journal of Mathematical Physics, 2022, 63, . | 1.1 | 2 |
| 63 | Dynamical dimensional reduction in multivalued Hamiltonians. Physical Review D, 2022, 105, . | 4.7 | 2 |
| 64 | 2+1 black hole with SU(2) hair (and the theory where it grows). Journal of Physics: Conference Series, 2015, 600, 012005. | 0.4 | 0 |
| 65 | Self-gravitating skyrmions. International Journal of Modern Physics D, 2016, 25, 1641009. | 2.1 | 0 |
| 66 | Flat $\mathfrak{so}(,p,q)$ -connections for manifolds of non-Euclidean signature. Classical and Quantum Gravity, 2019, 36, 167002. | 4.0 | 0 |