

# Jorge Zanelli

## List of Publications by Year in descending order

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66  
papers

6,654  
citations

201674

27  
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68  
all docs

68  
docs citations

68  
times ranked

1730  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Gauging the superconformal group with a graded dual operator. Journal of High Energy Physics, 2022, 2022, 1.                                 | 4.7 | 5         |
| 2  | Embedding of rank two supercharges in the superconformal algebra. Journal of Mathematical Physics, 2022, 63, .                               | 1.1 | 2         |
| 3  | Dynamical dimensional reduction in multivalued Hamiltonians. Physical Review D, 2022, 105, .   | 4.7 | 2         |
| 4  | Unconventional SUSY and Conventional Physics: A Pedagogical Review. Symmetry, 2021, 13, 628.   | 2.2 | 12        |
| 5  | $\mathcal{N} = 2$ extended MacDowell-Mansouri supergravity. Journal of High Energy Physics, 2021, 2021, 1.                                   | 4.7 | 12        |
| 6  | Overspinning naked singularities in $AdS_3$ spacetime. Physical Review D, 2021, 104, .   | 4.7 | 10        |
| 7  | $\mathcal{N} = 4$ extended D = 4 supergravity, unconventional SUSY and graphene. Journal of High Energy Physics, 2020, 2020, 1.              | 4.7 | 25        |
| 8  | Chiral gauge theory and gravity from unconventional supersymmetry. Journal of High Energy Physics, 2020, 2020, 1.                            | 4.7 | 13        |
| 9  | Role of gravity in particle physics: A unified approach. International Journal of Modern Physics D, 2020, 29, 2041012.                       | 2.1 | 7         |
| 10 | Geodesic structure of naked singularities in $AdS_3$ spacetime. Physical Review D, 2019, 100, .  | 4.7 | 10        |
| 11 | Flat $\mathfrak{so}(p,q)$ -connections for manifolds of non-Euclidean signature. Classical and Quantum Gravity, 2019, 36, 167002.            | 4.0 | 0         |
| 12 | Quantum-corrected rotating black holes and naked singularities in $(2+1)$ -dimensions. Physical Review D, 2019, 99, .                        | 4.7 | 18        |
| 13 | Quantum fields as Cosmic Censors in $(2+1)$ -dimensions. International Journal of Modern Physics D, 2018, 27, 1843011.                       | 2.1 | 5         |
| 14 | Non-relativistic Maxwell Chern-Simons gravity. Journal of High Energy Physics, 2018, 2018, 1.  | 4.7 | 42        |
| 15 | Cosmological Einstein-Skyrme solutions with nonvanishing topological charge. Physical Review D, 2017, 95, .                                  | 4.7 | 17        |
| 16 | Quantum Backreaction on Three-Dimensional Black Holes and Naked Singularities. Physical Review Letters, 2017, 118, 131102.                   | 7.8 | 26        |
| 17 | Quantum dress for a naked singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 244-248. | 4.1 | 20        |
| 18 | Self-gravitating skyrmions. International Journal of Modern Physics D, 2016, 25, 1641009.  | 2.1 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Dynamical contents of unconventional supersymmetry. Journal of High Energy Physics, 2016, 2016, 1.  | 4.7 | 18        |
| 20 | Analytic self-gravitating Skyrmons, cosmological bounces and AdS wormholes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 201-205. | 4.1 | 105       |
| 21 | 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         |
| 22 | 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        |
| 23 | From Lorentz-Chern-Simons to Massive Gravity in 2+1 dimensions. Journal of High Energy Physics, 2015, 2015, 1.  | 4.7 | 6         |
| 24 | Unconventional supersymmetry and its breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 314-321.                              | 4.1 | 26        |
| 25 | Gribov ambiguity and degenerate systems. Physical Review D, 2014, 90, .   | 4.7 | 4         |
| 26 | Exact multisoliton solutions in the four-dimensional Skyrme model. Physical Review D, 2014, 90, .   | 4.7 | 34        |
| 27 | 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        |
| 28 | Dynamical sectors for a spinning particle in $AdS_3$ . Physical Review D, 2014, 90, .   | 4.7 | 4         |
| 29 | Black hole solutions in Chern-Simons AdS supergravity. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 10        |
| 30 | Cosmology with scalar Euler form coupling. Classical and Quantum Gravity, 2013, 30, 135003.   | 4.0 | 26        |
| 31 | Optical properties of vacuum. Physical Review D, 2012, 85, .  | 4.7 | 16        |
| 32 | Quantum degenerate systems. Journal of Mathematical Physics, 2012, 53, .  | 1.1 | 10        |
| 33 | Supersymmetry of a different kind. Journal of High Energy Physics, 2012, 2012, 1.   | 4.7 | 41        |
| 34 | Geometry and stability of spinning branes in AdS gravity. Physical Review D, 2011, 84, .  | 4.7 | 4         |
| 35 | term in a bounded region. Physical Review D, 2011, 84, .  | 4.7 | 11        |
| 36 | NAKED SINGULARITIES, TOPOLOGICAL DEFECTS AND BRANE COUPLINGS. International Journal of Modern Physics D, 2011, 20, 839-849.   | 2.1 | 8         |

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|----|--|-----|-----------|
| 37 | Stable $p$ -branes in Chern-Simons AdS supergravities. Physical Review D, 2010, 82, .  | 4.7 | 13        |
| 38 | Negative spectrum of the $2+1$ black hole. Physical Review D, 2009, 79, .  | 4.7 | 30        |
| 39 | Couplings between Chern-Simons gravities and $2+1$ -branes. Physical Review D, 2009, 80, .   | 4.7 | 20        |
| 40 | Uses of Chern-Simons Actions. AIP Conference Proceedings, 2008, , .  | 0.4 | 13        |
| 41 | General relativity from a gauged Wess-Zumino-Witten term. Physical Review D, 2007, 75, .   | 4.7 | 24        |
| 42 | (Super-)Gravities of a different sort. Journal of Physics: Conference Series, 2006, 33, 83-94.   | 0.4 | 9         |
| 43 | Dynamics and BPS states of AdS <sub>5</sub> supergravity with a Gauss-Bonnet term. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 637, 317-325.       | 4.1 | 28        |
| 44 | 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        |
| 45 | Finite Action For Chern-Simons Ads Gravity. Journal of High Energy Physics, 2004, 2004, 036-036.   | 4.7 | 66        |
| 46 | Birkhoff's theorem for three-dimensional AdS gravity. Physical Review D, 2004, 70, .   | 4.7 | 28        |
| 47 | 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        |
| 48 | Dynamical structure of irregular constrained systems. Journal of Mathematical Physics, 2003, 44, 3876.   | 1.1 | 43        |
| 49 | Supersymmetry of gravitational ground states. Journal of High Energy Physics, 2002, 2002, 020-020.   | 4.7 | 21        |
| 50 | Black holes and asymptotics of $2+1$ gravity coupled to a scalar field. Physical Review D, 2002, 65, .   | 4.7 | 166       |
| 51 | Degenerate dynamical systems. Journal of Mathematical Physics, 2001, 42, 4383-4390.  | 1.1 | 39        |
| 52 | Charged rotating black hole in three spacetime dimensions. Physical Review D, 2000, 61, .  | 4.7 | 209       |
| 53 | Conserved charges for even dimensional asymptotically AdS gravity theories. Physical Review D, 2000, 62, .   | 4.7 | 88        |
| 54 | Conserved Charges for Gravity with Locally Anti-de Sitter Asymptotics. Physical Review Letters, 2000, 84, 1647-1650.   | 7.8 | 148       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Gauge Supergravities for All Odd Dimensions. International Journal of Theoretical Physics, 1999, 38, 1181-1206.  | 1.2 | 64        |
| 56 | Dynamical content of Chern-Simons supergravity. AIP Conference Proceedings, 1999, , .  | 0.4 | 7         |
| 57 | New gauge supergravity in seven and eleven dimensions. Physical Review D, 1998, 58, .  | 4.7 | 82        |
| 58 | Back reaction of a conformal field on a three-dimensional black hole. Physical Review D, 1997, 55, 3642-3646.  | 4.7 | 22        |
| 59 | Conformally dressed black hole in 2 + 1 dimensions. Physical Review D, 1996, 54, 3830-3833.  | 4.7 | 120       |
| 60 | Higher dimensional Chern-Simons supergravity. Physical Review D, 1996, 54, 2605-2611.  | 4.7 | 94        |
| 61 | Geometry of the 2+1 black hole. Physical Review D, 1993, 48, 1506-1525.  | 4.7 | 1,336     |
| 62 | Black hole in three-dimensional spacetime. Physical Review Letters, 1992, 69, 1849-1851.   | 7.8 | 2,843     |
| 63 | Gauge invariance and degree of freedom count. Nuclear Physics B, 1990, 332, 169-188.   | 2.5 | 156       |
| 64 | Quantum mechanics for multivalued Hamiltonians. Physical Review A, 1987, 36, 4417-4420.  | 2.5 | 46        |
| 65 | Dimensionally continued topological gravitation theory in Hamiltonian form. Classical and Quantum Gravity, 1987, 4, L125-L129.   | 4.0 | 148       |
| 66 | 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        |