

Antonio Padilla

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

5,896
citations

159358

30
h-index

91712

69
g-index

69
all docs

69
docs citations

69
times ranked

5390
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Quadratic curvature corrections to stringy effective actions and the absence of de Sitter vacua. Journal of High Energy Physics, 2022, 2022, 1. | 1.6 | 1 |
| 2 | Quintessence and the Swampland: The Parametrically Controlled Regime of Moduli Space. Fortschritte Der Physik, 2022, 70, . | 1.5 | 16 |
| 3 | Quintessence and the Swampland: The Numerically Controlled Regime of Moduli Space. Fortschritte Der Physik, 2022, 70, . | 1.5 | 11 |
| 4 | Generalised scalar-tensor theories and self-tuning. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 004. | 1.9 | 5 |
| 5 | Deconstructing higher order clockwork gravity. Physical Review D, 2021, 103, . | 1.6 | 2 |
| 6 | Unimodular vs nilpotent superfield approach to pure dS supergravity. Journal of High Energy Physics, 2021, 2021, 1. | 1.6 | 8 |
| 7 | A stringy perspective on the coincidence problem. Journal of High Energy Physics, 2021, 2021, 1. | 1.6 | 9 |
| 8 | The Super-Stückelberg procedure and dS in pure supergravity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200035. | 1.0 | 5 |
| 9 | Natural theory of dark energy. Physical Review D, 2020, 101, . | 1.6 | 4 |
| 10 | Dark energy loopholes some time after GW170817. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 063-063. | 1.9 | 7 |
| 11 | Quantum corrections to vacuum energy sequestering (with monodromy). Classical and Quantum Gravity, 2019, 36, 215014. | 1.5 | 7 |
| 12 | Cosmological consequences of Omnia Sequestera. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017. | 1.9 | 7 |
| 13 | Monodromy inflation and an emergent mechanism for stabilising the cosmological constant. Journal of High Energy Physics, 2019, 2019, 1. | 1.6 | 9 |
| 14 | Dark Energy after GW170817 Revisited. Physical Review Letters, 2019, 122, 061301. | 2.9 | 73 |
| 15 | Non-perturbative aspects of galileon duality. European Physical Journal C, 2018, 78, 1. | 1.4 | 4 |
| 16 | Vainshtein in the UV and a Wilsonian analysis of derivatively coupled scalars. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 039-039. | 1.9 | 6 |
| 17 | Vacuum Energy Sequestering and Graviton Loops. Physical Review Letters, 2017, 118, 061303. | 2.9 | 31 |
| 18 | Probing scalar effective field theories with the soft limits of scattering amplitudes. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | An \tilde{A} ctude on global vacuum energy sequester. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 17 |
| 20 | Gravitational Mechanisms to Self-Tune the Cosmological Constant: Obstructions and Ways Forward. Physical Review Letters, 2017, 119, 251306. | 2.9 | 18 |
| 21 | Sequestering effects on and of vacuum decay. Physical Review D, 2016, 94, . | 1.6 | 19 |
| 22 | Manifestly Local Theory of Vacuum Energy Sequestering. Physical Review Letters, 2016, 116, 051302. | 2.9 | 73 |
| 23 | How to avoid a swift kick in the chameleons. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 058-058. | 1.9 | 13 |
| 24 | A note on classical and quantum unimodular gravity. European Physical Journal C, 2015, 75, 1. | 1.4 | 78 |
| 25 | Unitarity and the Vainshtein mechanism. Physical Review D, 2015, 91, . | 1.6 | 23 |
| 26 | Sequestration of Vacuum Energy and the End of the Universe. Physical Review Letters, 2015, 114, 101302. | 2.9 | 42 |
| 27 | Sequestering the Standard Model Vacuum Energy. Physical Review Letters, 2014, 112, 091304. | 2.9 | 126 |
| 28 | Vacuum energy sequestering: The framework and its cosmological consequences. Physical Review D, 2014, 90, . | 1.6 | 68 |
| 29 | Generalized scale invariant theories. Physical Review D, 2014, 89, . | 1.6 | 31 |
| 30 | Matter in Ho \tilde{A} ava-Lifshitz gravity. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 22 |
| 31 | Covariant multi-galileons and their generalisation. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 71 |
| 32 | The dark energy cosmic clock: a new way to parametrise the equation of state. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 013-013. | 1.9 | 6 |
| 33 | Strong Coupling and Bounds on the Spin-2 Mass in Massive Gravity. Physical Review Letters, 2013, 111, 021802. | 2.9 | 28 |
| 34 | Cosmological effects of coupled dark matter. Physical Review D, 2013, 88, . | 1.6 | 8 |
| 35 | Self-tuning and the derivation of a class of scalar-tensor theories. Physical Review D, 2012, 85, . | 1.6 | 133 |
| 36 | General Second-Order Scalar-Tensor Theory and Self-Tuning. Physical Review Letters, 2012, 108, 051101. | 2.9 | 364 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | The cosmology of the Fab-Four. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 026-026. | 1.9 | 52 |
| 38 | Classical duals, Legendre transforms and the Vainshtein mechanism. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. | 1.6 | 10 |
| 39 | Boundary terms and junction conditions for generalized scalar-tensor theories. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. | 1.6 | 30 |
| 40 | Cleaning up the cosmological constant. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. | 1.6 | 6 |
| 41 | Modified gravity and cosmology. <i>Physics Reports</i> , 2012, 513, 1-189. | 10.3 | 2,870 |
| 42 | Bi-galileon theory II: phenomenology. <i>Journal of High Energy Physics</i> , 2011, 2011, 1. | 1.6 | 72 |
| 43 | Galileon hairs of Dyson spheres, Vainshtein's coiffure and hirsute bubbles. <i>Journal of High Energy Physics</i> , 2011, 2011, 1. | 1.6 | 50 |
| 44 | Multi-Galileons, solitons, and Derrick's theorem. <i>Physical Review D</i> , 2011, 83, . | 1.6 | 51 |
| 45 | The good, the bad and the ugly $\hat{=}$ of Hoava gravity. <i>Journal of Physics: Conference Series</i> , 2010, 259, 012033. | 0.3 | 43 |
| 46 | Lessons from the decoupling limit of Hoava gravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1. | 1.6 | 79 |
| 47 | Bi-galileon theory I: motivation and formulation. <i>Journal of High Energy Physics</i> , 2010, 2010, 1. | 1.6 | 120 |
| 48 | Ghosts in asymmetric brane gravity and the decoupled stealth limit. <i>Journal of High Energy Physics</i> , 2009, 2009, 134-134. | 1.6 | 15 |
| 49 | Levitating dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 023-023. | 1.9 | 17 |
| 50 | Strong coupling in Hoava gravity. <i>Journal of High Energy Physics</i> , 2009, 2009, 070-070. | 1.6 | 279 |
| 51 | Braneworld isotropization and magnetic fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 012. | 1.9 | 12 |
| 52 | Transmission of an inhomogeneous state via resonant tunnelling. <i>Journal of High Energy Physics</i> , 2008, 2008, 055-055. | 1.6 | 10 |
| 53 | No resonant tunneling in standard scalar quantum field theory. <i>Journal of High Energy Physics</i> , 2008, 2008, 066-066. | 1.6 | 13 |
| 54 | The instability of vacua in Gauss-Bonnet gravity. <i>Journal of High Energy Physics</i> , 2008, 2008, 038-038. | 1.6 | 43 |

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|----|---|-----|-----------|
| 55 | Stealth acceleration and modified gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 006-006. | 1.9 | 29 |
| 56 | A new perspective on DGP gravity. <i>Journal of High Energy Physics</i> , 2007, 2007, 069-069. | 1.6 | 78 |
| 57 | A short review of Λ -DGP spectroscopy TM . <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 6827-6833. | 0.7 | 12 |
| 58 | How (not) to use the Palatini formulation of scalar-tensor gravity. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 59 |
| 59 | A covariant approach to braneworld holography. <i>Classical and Quantum Gravity</i> , 2006, 23, 3983-3992. | 1.5 | 7 |
| 60 | DGP spectroscopy. <i>Journal of High Energy Physics</i> , 2006, 2006, 066-066. | 1.6 | 158 |
| 61 | Cosmic acceleration from asymmetric branes. <i>Classical and Quantum Gravity</i> , 2005, 22, 681-694. | 1.5 | 56 |
| 62 | Infra-red modification of gravity from asymmetric branes. <i>Classical and Quantum Gravity</i> , 2005, 22, 1087-1104. | 1.5 | 41 |
| 63 | Ghost-free braneworld bigravity. <i>Classical and Quantum Gravity</i> , 2004, 21, 2899-2917. | 1.5 | 34 |
| 64 | Surface terms and the Gauss-Bonnet Hamiltonian. <i>Classical and Quantum Gravity</i> , 2003, 20, 3129-3149. | 1.5 | 59 |
| 65 | Braneworld holography in Gauss-Bonnet gravity. <i>Classical and Quantum Gravity</i> , 2003, 20, 4221-4238. | 1.5 | 64 |
| 66 | Nested braneworlds and strong brane gravity. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 45 |
| 67 | Braneworld instantons. <i>Classical and Quantum Gravity</i> , 2002, 19, 279-302. | 1.5 | 45 |
| 68 | Exact braneworld cosmology induced from bulk black holes. <i>Classical and Quantum Gravity</i> , 2002, 19, 4071-4083. | 1.5 | 40 |
| 69 | CFTs on non-critical braneworlds. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 528, 274-282. | 1.5 | 24 |