

# Antonio Padilla

## List of Publications by Year in descending order

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69  
papers

5,896  
citations

159585

30  
h-index

91884

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.	4.7	1
2	Quintessence and the Swampland: The Parametrically Controlled Regime of Moduli Space. Fortschritte Der Physik, 2022, 70, .	4.4	16
3	Quintessence and the Swampland: The Numerically Controlled Regime of Moduli Space. Fortschritte Der Physik, 2022, 70, .	4.4	11
4	Generalised scalar-tensor theories and self-tuning. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 004.	5.4	5
5	Deconstructing higher order clockwork gravity. Physical Review D, 2021, 103, .	4.7	2
6	Unimodular vs nilpotent superfield approach to pure dS supergravity. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
7	A stringy perspective on the coincidence problem. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
8	The Super-St <sup>1/4</sup> ckelberg procedure and dS in pure supergravity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200035.	2.1	5
9	Natural theory of dark energy. Physical Review D, 2020, 101, .	4.7	4
10	Dark energy loopholes some time after GW170817. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 063-063.	5.4	7
11	Quantum corrections to vacuum energy sequestering (with monodromy). Classical and Quantum Gravity, 2019, 36, 215014.	4.0	7
12	Cosmological consequences of Omnia Sequestera. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017.	5.4	7
13	Monodromy inflation and an emergent mechanism for stabilising the cosmological constant. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
14	Dark Energy after GW170817 Revisited. Physical Review Letters, 2019, 122, 061301.	7.8	73
15	Non-perturbative aspects of galileon duality. European Physical Journal C, 2018, 78, 1.	3.9	4
16	Vainshtein in the UV and a Wilsonian analysis of derivatively coupled scalars. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 039-039.	5.4	6
17	Vacuum Energy Sequestering and Graviton Loops. Physical Review Letters, 2017, 118, 061303.	7.8	31
18	Probing scalar effective field theories with the soft limits of scattering amplitudes. Journal of High Energy Physics, 2017, 2017, 1.	4.7	28

#	ARTICLE	IF	CITATIONS
19	An $\mathbb{A}^4$ tude on global vacuum energy sequester. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
20	Gravitational Mechanisms to Self-Tune the Cosmological Constant: Obstructions and Ways Forward. Physical Review Letters, 2017, 119, 251306.	7.8	18
21	Sequestering effects on and of vacuum decay. Physical Review D, 2016, 94, .	4.7	19
22	Manifestly Local Theory of Vacuum Energy Sequestering. Physical Review Letters, 2016, 116, 051302.	7.8	73
23	How to avoid a swift kick in the chameleons. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 058-058.	5.4	13
24	A note on classical and quantum unimodular gravity. European Physical Journal C, 2015, 75, 1.	3.9	78
25	Unitarity and the Vainshtein mechanism. Physical Review D, 2015, 91, .	4.7	23
26	Sequestration of Vacuum Energy and the End of the Universe. Physical Review Letters, 2015, 114, 101302.	7.8	42
27	Sequestering the Standard Model Vacuum Energy. Physical Review Letters, 2014, 112, 091304.	7.8	126
28	Vacuum energy sequestering: The framework and its cosmological consequences. Physical Review D, 2014, 90, .	4.7	68
29	Generalized scale invariant theories. Physical Review D, 2014, 89, .	4.7	31
30	Matter in Ho $\mathbb{A}^4$ ava-Lifshitz gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	22
31	Covariant multi-galileons and their generalisation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	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.	5.4	6
33	Strong Coupling and Bounds on the Spin-2 Mass in Massive Gravity. Physical Review Letters, 2013, 111, 021802.	7.8	28
34	Cosmological effects of coupled dark matter. Physical Review D, 2013, 88, .	4.7	8
35	Self-tuning and the derivation of a class of scalar-tensor theories. Physical Review D, 2012, 85, .	4.7	133
36	General Second-Order Scalar-Tensor Theory and Self-Tuning. Physical Review Letters, 2012, 108, 051101.	7.8	364

#	ARTICLE	IF	CITATIONS
37	The cosmology of the Fab-Four. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 026-026.	5.4	52
38	Classical duals, Legendre transforms and the Vainshtein mechanism. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	10
39	Boundary terms and junction conditions for generalized scalar-tensor theories. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	30
40	Cleaning up the cosmological constant. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	6
41	Modified gravity and cosmology. <i>Physics Reports</i> , 2012, 513, 1-189.	25.6	2,870
42	Bi-galileon theory II: phenomenology. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	72
43	Galileon hairs of Dyson spheres, Vainshtein's coiffure and hirsute bubbles. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	50
44	Multi-Galileons, solitons, and Derrick's theorem. <i>Physical Review D</i> , 2011, 83, .	4.7	51
45	The good, the bad and the ugly $\hat{=}$ of Hoava gravity. <i>Journal of Physics: Conference Series</i> , 2010, 259, 012033.	0.4	43
46	Lessons from the decoupling limit of Hoava gravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	79
47	Bi-galileon theory I: motivation and formulation. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	120
48	Ghosts in asymmetric brane gravity and the decoupled stealth limit. <i>Journal of High Energy Physics</i> , 2009, 2009, 134-134.	4.7	15
49	Levitating dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 023-023.	5.4	17
50	Strong coupling in Hoava gravity. <i>Journal of High Energy Physics</i> , 2009, 2009, 070-070.	4.7	279
51	Braneworld isotropization and magnetic fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 012.	5.4	12
52	Transmission of an inhomogeneous state via resonant tunnelling. <i>Journal of High Energy Physics</i> , 2008, 2008, 055-055.	4.7	10
53	No resonant tunneling in standard scalar quantum field theory. <i>Journal of High Energy Physics</i> , 2008, 2008, 066-066.	4.7	13
54	The instability of vacua in Gauss-Bonnet gravity. <i>Journal of High Energy Physics</i> , 2008, 2008, 038-038.	4.7	43

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55	Stealth acceleration and modified gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 006-006.	5.4	29
56	A new perspective on DGP gravity. <i>Journal of High Energy Physics</i> , 2007, 2007, 069-069.	4.7	78
57	A short review of $\Lambda$ -DGP spectroscopy <sup>TM</sup> . <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 6827-6833.	2.1	12
58	How (not) to use the Palatini formulation of scalar-tensor gravity. <i>Physical Review D</i> , 2007, 76, .	4.7	59
59	A covariant approach to braneworld holography. <i>Classical and Quantum Gravity</i> , 2006, 23, 3983-3992.	4.0	7
60	DGP spectroscopy. <i>Journal of High Energy Physics</i> , 2006, 2006, 066-066.	4.7	158
61	Cosmic acceleration from asymmetric branes. <i>Classical and Quantum Gravity</i> , 2005, 22, 681-694.	4.0	56
62	Infra-red modification of gravity from asymmetric branes. <i>Classical and Quantum Gravity</i> , 2005, 22, 1087-1104.	4.0	41
63	Ghost-free braneworld bigravity. <i>Classical and Quantum Gravity</i> , 2004, 21, 2899-2917.	4.0	34
64	Surface terms and the Gauss-Bonnet Hamiltonian. <i>Classical and Quantum Gravity</i> , 2003, 20, 3129-3149.	4.0	59
65	Braneworld holography in Gauss-Bonnet gravity. <i>Classical and Quantum Gravity</i> , 2003, 20, 4221-4238.	4.0	64
66	Nested braneworlds and strong brane gravity. <i>Physical Review D</i> , 2002, 65, .	4.7	45
67	Braneworld instantons. <i>Classical and Quantum Gravity</i> , 2002, 19, 279-302.	4.0	45
68	Exact braneworld cosmology induced from bulk black holes. <i>Classical and Quantum Gravity</i> , 2002, 19, 4071-4083.	4.0	40
69	CFTs on non-critical braneworlds. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 528, 274-282.	4.1	24