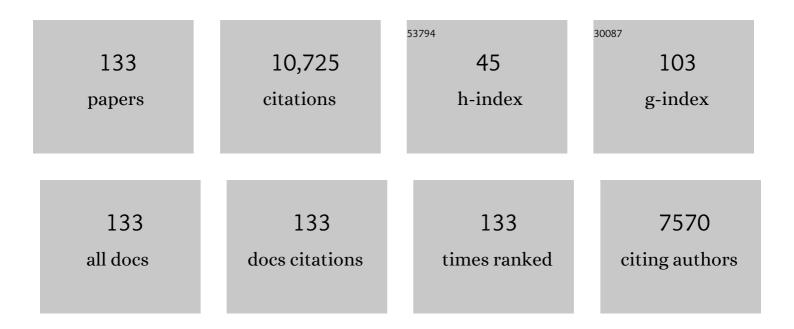
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Is cosmic speed-up due to new gravitational physics?. Physical Review D, 2004, 70, .	4.7	1,827
2	Can the dark energy equation-of-state parameterwbe less thanâ ''1?. Physical Review D, 2003, 68, .	4.7	967
3	Beyond the cosmological standard model. Physics Reports, 2015, 568, 1-98.	25.6	859
4	Cosmology of generalized modified gravity models. Physical Review D, 2005, 71, .	4.7	505
5	RECENTPROGRESS INBARYOGENESIS. Annual Review of Nuclear and Particle Science, 1999, 49, 35-75.	10.2	480
6	Electroweak baryogenesis. Reviews of Modern Physics, 1999, 71, 1463-1500.	45.6	402
7	The state of the dark energy equation of state. Physical Review D, 2003, 68, .	4.7	367
8	Approaches to understanding cosmic acceleration. Reports on Progress in Physics, 2009, 72, 096901.	20.1	290
9	Model for neutrino masses and dark matter. Physical Review D, 2003, 67, .	4.7	280
10	Dynamics of linear perturbations inf(R)gravity. Physical Review D, 2007, 75, .	4.7	268
11	Compact Hyperbolic Extra Dimensions: Branes, Kaluza-Klein Modes, and Cosmology. Physical Review Letters, 2000, 85, 928-931.	7.8	165
12	Early Dark Energy from Massive Neutrinos as a Natural Resolution of the Hubble Tension. Physical Review Letters, 2020, 124, 161301.	7.8	159
13	Multifield Galileons and higher codimension branes. Physical Review D, 2010, 82, .	4.7	156
14	A new view ofk-essence. Physical Review D, 2003, 67, .	4.7	146
15	Decaying vacuum energy and deflationary cosmology in open and closed universes. Physical Review D, 1996, 53, 4280-4286.	4.7	135
16	Modified-source gravity and cosmological structure formation. New Journal of Physics, 2006, 8, 323-323.	2.9	135
17	Constraining interactions in cosmology's dark sector. Physical Review D, 2008, 78, .	4.7	135
18	Ghosts, instabilities, and superluminal propagation in modified gravity models. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 005-005.	5.4	119

#	Article	IF	CITATIONS
19	Symmetries for Galileons and DBI scalars on curved space. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 017-017.	5.4	117
20	Causality and cosmic inflation. Physical Review D, 1999, 61, .	4.7	115
21	Cosmic vortons and particle physics constraints. Physical Review D, 1996, 54, 6059-6071.	4.7	111
22	Adiabatic instability in coupled dark energy/dark matter models. Physical Review D, 2008, 78, .	4.7	101
23	Baryogenesis below The Electroweak Scale. Physical Review Letters, 1999, 83, 1502-1505.	7.8	97
24	N = 1 supersymmetric cosmic strings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 257-264.	4.1	96
25	The classical double copy in maximally symmetric spacetimes. Journal of High Energy Physics, 2018, 2018, 1.	4.7	91
26	Homogeneity, Flatness, and "Large―Extra Dimensions. Physical Review Letters, 2001, 87, 231303.	7.8	90
27	Large extra dimensions and cosmological problems. Physical Review D, 2001, 63, .	4.7	86
28	Galileons as Wess-Zumino terms. Journal of High Energy Physics, 2012, 2012, 1.	4.7	86
29	Can we be tricked into thinking thatwis less thanâ^'1?. Physical Review D, 2005, 71, .	4.7	83
30	New Class of Effective Field Theories from Embedded Branes. Physical Review Letters, 2011, 106, 231102.	7.8	82
31	Generalizing Galileons. Classical and Quantum Gravity, 2011, 28, 204003.	4.0	76
32	Domain wall junctions are 1/4 BPS states. Physical Review D, 2000, 61, .	4.7	70
33	Hybrid inflation and baryogenesis at the TeV scale. Physical Review D, 2001, 64, .	4.7	62
34	Stability and superluminality of spherical DBI Galileon solutions. Physical Review D, 2011, 83, .	4.7	61
35	Cosmological perturbations in extended massive gravity. Physical Review D, 2013, 88, .	4.7	61
36	Running of the scalar spectral index from inflationary models. Physical Review D, 2003, 68, .	4.7	60

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#	Article	IF	CITATIONS
37	Distinguishing <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>k</mml:mi></mml:math> -defects from their canonical twins. Physical Review D, 2010, 82, .	4.7	54
38	Relaxing nucleosynthesis constraints on Brans-Dicke theories. Physical Review D, 2006, 74, .	4.7	53
39	Visible and dark matter from a first-order phase transition in a baryon-symmetric universe. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 044-044.	5.4	53
40	Cosmic strings and electroweak baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 123-130.	4.1	51
41	Chameleon early dark energy and the Hubble tension. Physical Review D, 2022, 105, .	4.7	51
42	Shapes of gravity: tensor non-Gaussianity and massive spin-2 fields. Journal of High Energy Physics, 2019, 2019, 1.	4.7	50
43	Covariant master theory for novel Galilean invariant models and massive gravity. Physical Review D, 2012, 86, .	4.7	49
44	Charged false vacuum bubbles and the AdS/CFT correspondence. Journal of High Energy Physics, 1999, 1999, 020-020.	4.7	47
45	Aspects of Galileon non-renormalization. Journal of High Energy Physics, 2016, 2016, 1.	4.7	47
46	Cosmologies of extended massive gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 1-5.	4.1	45
47	Multimessenger time delays from lensed gravitational waves. Physical Review D, 2017, 95, .	4.7	43
48	Radion stabilization in compact hyperbolic extra dimensions. Physical Review D, 2002, 66, .	4.7	42
49	Quintessential baryogenesis. Physical Review D, 2003, 67, .	4.7	42
50	Tackling higher derivative ghosts with the Euclidean path integral. Physical Review D, 2011, 83, .	4.7	41
51	The adiabatic instability on cosmology's dark side. New Journal of Physics, 2008, 10, 033006.	2.9	39
52	Higher-derivative operators and effective field theory for general scalar-tensor theories. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 031-031.	5.4	38
53	Retarded Green's function of a Vainshtein system and Galileon waves. Physical Review D, 2013, 87, .	4.7	37
54	Cascading cosmology. Physical Review D, 2010, 81, .	4.7	36

#	Article	IF	CITATIONS
55	Void lensing as a test of gravity. Physical Review D, 2018, 98, .	4.7	35
56	Dirichlet topological defects. Physical Review D, 1998, 57, 5189-5194.	4.7	32
57	Massive Gravity Coupled to Galileons is Ghost-Free. Physical Review Letters, 2013, 111, 061107.	7.8	32
58	Moduli stabilization and inflation using wrapped branes. Physical Review D, 2005, 72, .	4.7	31
59	Galileons on cosmological backgrounds. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 004-004.	5.4	29
60	Local and nonlocal defect-mediated electroweak baryogenesis. Physical Review D, 1996, 53, 4257-4266.	4.7	27
61	Neutrino-assisted early dark energy: theory and cosmology. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 063.	5.4	27
62	Superconducting cosmic strings and primordial magnetic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 287-293.	4.1	26
63	Particle physics models, topological defects and electroweak baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 131-136.	4.1	26
64	Extra-dimensional cosmology with domain-wall branes. Journal of High Energy Physics, 2009, 2009, 035-035.	4.7	26
65	Radiation of scalar modes and the classical double copy. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
66	Cosmic strings, zero modes, and supersymmetry breaking in non-AbelianN=1gauge theories. Physical Review D, 1998, 57, 5184-5188.	4.7	24
67	Galileon forces in the Solar System. Physical Review D, 2013, 88, .	4.7	23
68	Observation of Cosmic Acceleration and Determining the Fate of the Universe. Physical Review Letters, 1999, 83, 1510-1513.	7.8	22
69	Instabilities of spherical solutions with multiple Galileons and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>O</mml:mi><mml:mo stretchy="false">(<mml:mi>N</mml:mi><mml:mo) 0.784314="" 1="" 10="" 10<="" 50="" etqq1="" overlock="" rgbt="" td="" tf="" tj=""><td>4.7 67 Td (stre</td><td>22 tchy="false"></td></mml:mo)></mml:mo </mml:math 	4.7 67 Td (stre	22 tchy="false">
70	How likely are constituent quanta to initiate inflation?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 425-430.	4.1	22
71	Semianalytical approaches to local electroweak baryogenesis. Physical Review D, 1997, 56, 1250-1261.	4.7	21
72	BPS domain wall junctions in infinitely large extra dimensions. Physical Review D, 2000, 62, .	4.7	21

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73	Cosmological constraints on a classical limit of quantum gravity. Physical Review D, 2005, 72, .	4.7	21
74	Topological inflation with multiple winding. Physical Review D, 1998, 57, 7186-7191.	4.7	20
75	Gauged galileons from branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 115-119.	4.1	20
76	Cosmological perturbations of massive gravity coupled to DBI Galileons. Classical and Quantum Gravity, 2013, 30, 184006.	4.0	20
77	Einstein gravity, massive gravity, multi-gravity and nonlinear realizations. Journal of High Energy Physics, 2015, 2015, 1.	4.7	19
78	Spontaneously broken gauge theories and the coset construction. Physical Review D, 2014, 90, .	4.7	18
79	Preheating in derivatively coupled inflation models. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 036.	5.4	17
80	Shift symmetries, soft limits, and the double copy beyond leading order. Physical Review D, 2020, 102, .	4.7	17
81	Metastable Kinks in the Orbifold. Physical Review Letters, 2008, 100, 041602.	7.8	16
82	Detecting the stochastic gravitational wave background from massive gravity with pulsar timing arrays. Physical Review D, 2021, 104, .	4.7	16
83	WHAT IS THE HOMOGENEITY OF OUR UNIVERSE TELLING US?. Modern Physics Letters A, 1999, 14, 1661-1665.	1.2	15
84	Creation and structure of baby universes in monopole collisions. Physical Review D, 1999, 59, .	4.7	15
85	Black holes and instabilities of negative tension branes. Physical Review D, 2001, 64, .	4.7	15
86	Can cosmic parallax distinguish between anisotropic cosmologies?. Physical Review D, 2009, 80, .	4.7	15
87	Quantum fine-tuning in stringy quintessence models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134878.	4.1	15
88	Baryogenesis after hyperextended inflation. Physical Review D, 2005, 72, .	4.7	13
89	COSMIC ACCELERATION AND MODIFIED GRAVITY. International Journal of Modern Physics D, 2007, 16, 2065-2074.	2.1	13

90 INTRODUCTION TO COSMOLOGY. , 2004, , 703-793.

#	Article	lF	CITATIONS
91	Phase transitions in the core of global embedded defects. Physical Review D, 1998, 58, .	4.7	10
92	Screening bulk curvature in the presence of large brane tension. Physical Review D, 2011, 83, .	4.7	10
93	Holographic CFTs on maximally symmetric spaces: Correlators, integral transforms, and applications. Physical Review D, 2015, 92, .	4.7	10
94	Finding structure in the dark: Coupled dark energy, weak lensing, and the mildly nonlinear regime. Physical Review D, 2018, 97, .	4.7	10
95	Oscillons in higher-derivative effective field theories. Physical Review D, 2018, 98, .	4.7	10
96	Dynamical breaking of CPT symmetry in defect networks and baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 175-179.	4.1	9
97	Baryogenesis and the new cosmology. Pramana - Journal of Physics, 2004, 62, 451-463.	1.8	9
98	Supersymmetric k-defects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 498-503.	4.1	9
99	Field theories and fluids for an interacting dark sector. Physical Review D, 2018, 97, .	4.7	9
100	Is the universe inflating? Dark energy and the future of the universe. Physical Review D, 2002, 66, .	4.7	8
101	The shapes of Dirichlet defects. Journal of High Energy Physics, 2003, 2003, 067-067.	4.7	8
102	Non-Gaussian Signatures from the Postinflationary Early Universe. Physical Review Letters, 2009, 103, 251301.	7.8	8
103	Solitons in generalized Galileon theories. Physical Review D, 2016, 94, .	4.7	8
104	COSMIC STRINGS AND ELECTROWEAK SYMMETRY RESTORATION IN THE TWO-HIGGS DOUBLET MODEL. Modern Physics Letters A, 1994, 09, 2649-2659.	1.2	7
105	Where does cosmological perturbation theory break down?. Classical and Quantum Gravity, 2009, 26, 185002.	4.0	7
106	Baryogenesis via dark matter-induced symmetry breaking in the early Universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 183-188.	4.1	7
107	Existence and stability of nontrivial scalar field configurations in orbifolded extra dimensions. Physical Review D, 2008, 77, .	4.7	6
108	Galileons coupled to massive gravity: general analysis and cosmological solutions. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	5.4	6

#	Article	IF	CITATIONS
109	Holography for a non-inflationary early universe. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
110	Non-canonical kinetic structures in the swampland. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 049-049.	5.4	6
111	Relaxing cosmological constraints on large extra dimensions. Physical Review D, 2005, 71, .	4.7	5
112	Scalar kinks in warped extra dimensions. Physical Review D, 2010, 82, .	4.7	5
113	Topology in the little Higgs models. Physical Review D, 2004, 70, .	4.7	4
114	Some adventures in the search for a modified gravity explanation of cosmic acceleration. General Relativity and Gravitation, 2011, 43, 3367-3379.	2.0	3
115	Dark matter with density-dependent interactions. Physical Review D, 2012, 86, .	4.7	3
116	Baryogenesis via gravitational spontaneous symmetry breaking. Physical Review D, 2019, 100, .	4.7	3
117	CPviolation from surface terms in the electroweak theory without fermions. Physical Review D, 1998, 58, .	4.7	2
118	Constructing Galileons. Journal of Physics: Conference Series, 2015, 631, 012013.	0.4	2
119	Dirichlet solitons in field theories. , 1999, , .		1
120	Weakly first order cosmological phase transitions and fermion production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 7-12.	4.1	1
121	Vortex scattering and intercommuting cosmic strings on a noncommutative spacetime. Physical Review D, 2010, 81, .	4.7	1
122	Cosmic acceleration and the challenge of modifying gravity. Journal of Physics: Conference Series, 2011, 284, 012004.	0.4	1
123	Holographic two-point functions in the pseudoconformal universe. Physical Review D, 2020, 102, .	4.7	1
124	Effective field theory for binary cosmic strings. Physical Review D, 2021, 104, .	4.7	1
125	DILUTING GRAVITY WITH COMPACT HYPERBOLOIDS. , 2001, , .		1
126	MAKING BARYONS BELOW THE ELECTROWEAK SCALE. , 2000, , .		1

#	Article	IF	CITATIONS
127	Dark matter self-interactions from higher dimensional gravity. Physical Review D, 2006, 73, .	4.7	Ο
128	Connecting the Dark Side and Fundamental Physics. AIP Conference Proceedings, 2006, , .	0.4	0
129	Electroweak vacuum angle at finite temperature and implications for baryogenesis. Physical Review D, 2015, 92, .	4.7	Ο
130	WKB approximation and tunneling in theories with noncanonical kinetic terms. Physical Review D, 2017, 96, .	4.7	0
131	Microphysics of Gauge Vortices and Baryogenesis. , 2000, , 273-277.		0
132	COSMIC ACCELERATION AND MODIFIED GRAVITY. , 2009, , 191-200.		0
133	SUPERSYMMETRIC STRINGS AND PERMIONIC ZERO MODES. , 1998, , .		0