

Gianmassimo Tasinato

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,982
citations

66343

42
h-index

95266

68
g-index

103
all docs

103
docs citations

103
times ranked

2019
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended scalar-tensor theories of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 044-044.	5.4	283
2	Science with the space-based interferometer LISA. IV: probing inflation with gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 026-026.	5.4	256
3	Analytic Solutions in Nonlinear Massive Gravity. <i>Physical Review Letters</i> , 2011, 107, 131101.	7.8	196
4	Cosmic acceleration from Abelian symmetry breaking. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	191
5	Strong interactions and exact solutions in nonlinear massive gravity. <i>Physical Review D</i> , 2011, 84, .	4.7	184
6	Warped brane worlds in six dimensional supergravity. <i>Journal of High Energy Physics</i> , 2003, 2003, 037-037.	4.7	154
7	Reconstructing the spectral shape of a stochastic gravitational wave background with LISA. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 017-017.	5.4	149
8	Testing modified gravity at cosmological distances with LISA standard sirens. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 024-024.	5.4	129
9	Effective theory for the Vainshtein mechanism from the Horndeski action. <i>Physical Review D</i> , 2013, 88, .	4.7	116
10	Mechanisms for primordial black hole production in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 005-005.	5.4	111
11	Horndeski: beyond, or not beyond?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 038-038.	5.4	106
12	Selftuning and its footprints. <i>Nuclear Physics B</i> , 2004, 677, 405-429.	2.5	104
13	Scale dependence of local f_{NL} . <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 034-034.	5.4	96
14	Lifshitz solutions in supergravity and string theory. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	95
15	Spinflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 010.	5.4	94
16	Non-Gaussianity beyond slow roll in multi-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 016-016.	5.4	93
17	New horizons for fundamental physics with LISA. <i>Living Reviews in Relativity</i> , 2022, 25, .	26.7	82
18	The self-accelerating universe with vectors in massive gravity. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	70

#	ARTICLE	IF	CITATIONS
19	Galaxy bispectrum, primordial non-Gaussianity and redshift space distortions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 014-014.	5.4	69
20	Standard 4D gravity on a brane in six-dimensional flux compactifications. <i>Physical Review D</i> , 2006, 73, .	4.7	67
21	Black holes and Abelian symmetry breaking. <i>Classical and Quantum Gravity</i> , 2016, 33, 175007.	4.0	65
22	Towards Minkowski vacua in type II string compactifications. <i>Journal of High Energy Physics</i> , 2007, 2007, 104-104.	4.7	63
23	Branes on charged dilatonic backgrounds: self-tuning, Lorentz violations and cosmology. <i>Journal of High Energy Physics</i> , 2001, 2001, 005-005.	4.7	61
24	Characterizing Vainshtein solutions in massive gravity. <i>Physical Review D</i> , 2012, 86, .	4.7	59
25	Probing non-Gaussian stochastic gravitational wave backgrounds with LISA. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 034-034.	5.4	59
26	Inflationary correlation functions without infrared divergences. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 021-021.	5.4	58
27	A small cosmological constant from Abelian symmetry breaking. <i>Classical and Quantum Gravity</i> , 2014, 31, 225004.	4.0	58
28	Cosmological Spacetimes from Negative Tension Brane Backgrounds. <i>Journal of High Energy Physics</i> , 2002, 2002, 028-028.	4.7	56
29	Weakly-coupled IIA flux compactifications. <i>Journal of High Energy Physics</i> , 2008, 2008, 084-084.	4.7	56
30	Poly-instanton inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	5.4	55
31	Distinctive signatures of space-time diffeomorphism breaking in EFT of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 044-044.	5.4	55
32	Characterizing the cosmological gravitational wave background: Anisotropies and non-Gaussianity. <i>Physical Review D</i> , 2020, 102, .	4.7	55
33	On the slope of the curvature power spectrum in non-attractor inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 048-048.	5.4	54
34	Primordial gravitational waves in supersolid inflation. <i>Physical Review D</i> , 2017, 96, .	4.7	52
35	UV caps and modulus stabilization for 6D gauged chiral supergravity. <i>Journal of High Energy Physics</i> , 2007, 2007, 124-124.	4.7	51
36	Generalised tensor fluctuations and inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 029-029.	5.4	49

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37	Covariantized vector Galileons. <i>Physical Review D</i> , 2016, 93, .	4.7	47
38	Exact solutions in massive gravity. <i>Classical and Quantum Gravity</i> , 2013, 30, 184002.	4.0	46
39	Runaway quintessence, out of the swampland. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 031-031.	5.4	46
40	Quantum gravity and gravitational-wave astronomy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 012-012.	5.4	44
41	Natural quintessence in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 044-044.	5.4	43
42	Breaking discrete symmetries in the effective field theory of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 003-003.	5.4	42
43	Black holes and neutron stars in vector Galileons. <i>Classical and Quantum Gravity</i> , 2017, 34, 165002.	4.0	42
44	Stability of the self-accelerating universe in massive gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 044-044.	5.4	38
45	Measuring the net circular polarization of the stochastic gravitational wave background with interferometers. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 028-028.	5.4	38
46	A scenario for inflationary magnetogenesis without strong coupling problem. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 040-040.	5.4	37
47	Cycling in the throat. <i>Journal of High Energy Physics</i> , 2007, 2007, 026-026.	4.7	36
48	A Higgs mechanism for vector Galileons. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
49	Analytic approach to non-slow-roll inflation. <i>Physical Review D</i> , 2021, 103, .	4.7	36
50	Compact objects in scalar-tensor theories after GW170817. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 006-006.	5.4	31
51	Vector instabilities and self-acceleration in the decoupling limit of massive gravity. <i>Physical Review D</i> , 2013, 87, .	4.7	30
52	Probing the inflationary particle content: extra spin-2 field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 016-016.	5.4	29
53	Cosmology of intersecting brane-world models in Gauss-Bonnet gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 009-009.	5.4	28
54	Induced gravity on intersecting brane worlds: Maximally symmetric solutions. <i>Physical Review D</i> , 2008, 77, .	4.7	28

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55	Anisotropic tensor power spectrum at interferometer scales induced by tensor squeezed non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 011-011.	5.4	28
56	Maximum likelihood map making with the Laser Interferometer Space Antenna. <i>Physical Review D</i> , 2020, 102, .	4.7	28
57	Multimessenger cosmology: Correlating cosmic microwave background and stochastic gravitational wave background measurements. <i>Physical Review D</i> , 2021, 103, .	4.7	28
58	Gravitational-wave luminosity distance in quantum gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 798, 135000.	4.1	27
59	Non-local bias in the halo bispectrum with primordial non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 004-004.	5.4	26
60	Subleading effects and the field range in axion inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 008-008.	5.4	26
61	Searching for Fossil Fields in the Gravity Sector. <i>Physical Review Letters</i> , 2020, 124, 061302.	7.8	26
62	Induced gravity on intersecting brane worlds. II. Cosmology. <i>Physical Review D</i> , 2008, 78, .	4.7	25
63	Inhomogeneous non-gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 012-012.	5.4	25
64	Galileons and strong gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 055-055.	5.4	25
65	A non-Gaussian landscape. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 004-004.	5.4	23
66	An exact solution for a rotating black hole in modified gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 033-033.	5.4	23
67	A new mechanism to enhance primordial tensor fluctuations in single field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 024-024.	5.4	23
68	Tensor non-gaussianities from non-minimal coupling to the inflaton. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 008-008.	5.4	23
69	Squeezed tensor non-Gaussianity in non-attractor inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 036-036.	5.4	23
70	Instabilities and particle production in S-brane geometries. <i>Journal of High Energy Physics</i> , 2003, 2003, 050-050.	4.7	22
71	Primordial non-Gaussianity in the bispectra of large-scale structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 032-032.	5.4	22
72	Nonlinear perturbations of cosmological scalar fields with non-standard kinetic terms. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 012-012.	5.4	21

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73	High angular resolution gravitational wave astronomy. <i>Experimental Astronomy</i> , 2021, 51, 1441-1470.	3.7	21
74	Gravitational waves and geometrical optics in scalar-tensor theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 040-040.	5.4	21
75	Consistency conditions and primordial black holes in single field inflation. <i>Physical Review D</i> , 2022, 105, .	4.7	18
76	Local non-Gaussianity from rapidly varying sound speeds. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 005-005.	5.4	17
77	The role of vector fields in modified gravity scenarios. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 037-037.	5.4	16
78	A geometrical approach to degenerate scalar-tensor theories. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
79	CMB $\langle \delta T / T \rangle^2$ cross correlations as a probe of primordial black hole scenarios. <i>Physical Review D</i> , 2021, 104, .	4.7	15
80	General brane geometries from scalar potentials: gauged supergravities and accelerating universes. <i>Journal of High Energy Physics</i> , 2003, 2003, 056-056.	4.7	14
81	Gravitational-wave cosmological distances in scalar-tensor theories of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 050.	5.4	14
82	Implications of the Planck bispectrum constraints for the primordial trispectrum. <i>Europhysics Letters</i> , 2013, 103, 19001.	2.0	13
83	A new scalar-tensor realization of Hořava-Lifshitz gravity. <i>Classical and Quantum Gravity</i> , 2019, 36, 075014.	4.0	13
84	Lifshitz black holes in IIA supergravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	12
85	Loop corrections and a new test of inflation. <i>Physical Review D</i> , 2013, 87, .	4.7	12
86	Stealth configurations in vector-tensor theories of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 046-046.	5.4	12
87	Detecting dark energy fluctuations with gravitational waves. <i>Physical Review D</i> , 2021, 103, .	4.7	11
88	Towards multi-field D-brane inflation in a warped throat. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 034-034.	5.4	10
89	Probing a stationary non-Gaussian background of stochastic gravitational waves with pulsar timing arrays. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 017-017.	5.4	10
90	New symmetries in Fierz-Pauli massive gravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	9

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91	Mixed non-Gaussianity in multiple-DBI inflation. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 021-021.	5.4	9
92	Symmetries for scalarless scalar theories. Physical Review D, 2020, 102, .	4.7	8
93	A falsely fat curvaton with an observable running of the spectral tilt. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 040-040.	5.4	7
94	On chromonatural inflation in string theory. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 026-026.	5.4	7
95	Gravitational wave nonlinearities and pulsar-timing array angular correlations. Physical Review D, 2022, 105, .	4.7	7
96	Galileon Higgs vortices. Journal of High Energy Physics, 2016, 2016, 1.	4.7	6
97	Conformal couplings of Galileons to other degrees of freedom. Journal of High Energy Physics, 2013, 2013, 1.	4.7	4
98	On long range axion hairs for black holes. Classical and Quantum Gravity, 2019, 36, 215015.	4.0	4
99	CAN THE GRAVITON HAVE A MASS?. International Journal of Modern Physics D, 2011, 20, 2803-2807.	2.1	3
100	Universal singlets, supergravity and inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 342-347.	4.1	1
101	Slow-walking inflation. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 006-006.	5.4	1
102	Stochastic approach to gravitational waves from inflation. Physical Review D, 2022, 105, .	4.7	0
103	Primordial Gravitational Waves. , 2022, , 1095-1119.		0