

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	Stochastic approach to gravitational waves from inflation. Physical Review D, 2022, 105, .	4.7	0
2	Consistency conditions and primordial black holes in single field inflation. Physical Review D, 2022, 105, .	4.7	18
3	Gravitational wave nonlinearities and pulsar-timing array angular correlations. Physical Review D, 2022, 105, .	4.7	7
4	Primordial Gravitational Waves. , 2022, , 1095-1119.		0
5	New horizons for fundamental physics with LISA. Living Reviews in Relativity, 2022, 25, .	26.7	82
6	Multimessenger cosmology: Correlating cosmic microwave background and stochastic gravitational wave background measurements. Physical Review D, 2021, 103, .	4.7	28
7	Detecting dark energy fluctuations with gravitational waves. Physical Review D, 2021, 103, .	4.7	11
8	High angular resolution gravitational wave astronomy. Experimental Astronomy, 2021, 51, 1441-1470.	3.7	21
9	Gravitational-wave cosmological distances in scalar-tensor theories of gravity. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 050.	5.4	14
10	CMB $\langle \hat{l}^2 \rangle$ cross correlations as a probe of primordial black hole scenarios. Physical Review D, 2021, 104, .	4.7	15
11	Analytic approach to non-slow-roll inflation. Physical Review D, 2021, 103, .	4.7	36
12	Maximum likelihood map making with the Laser Interferometer Space Antenna. Physical Review D, 2020, 102, .	4.7	28
13	Characterizing the cosmological gravitational wave background: Anisotropies and non-Gaussianity. Physical Review D, 2020, 102, .	4.7	55
14	Symmetries for scalarless scalar theories. Physical Review D, 2020, 102, .	4.7	8
15	Measuring the net circular polarization of the stochastic gravitational wave background with interferometers. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 028-028.	5.4	38
16	Searching for Fossil Fields in the Gravity Sector. Physical Review Letters, 2020, 124, 061302.	7.8	26
17	Probing a stationary non-Gaussian background of stochastic gravitational waves with pulsar timing arrays. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 017-017.	5.4	10
18	On the slope of the curvature power spectrum in non-attractor inflation. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 048-048.	5.4	54

#	ARTICLE	IF	CITATIONS
19	Gravitational waves and geometrical optics in scalar-tensor theories. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 040-040.	5.4	21
20	On chromonatural inflation in string theory. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 026-026.	5.4	7
21	Tensor non-gaussianities from non-minimal coupling to the inflaton. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 008-008.	5.4	23
22	Testing modified gravity at cosmological distances with LISA standard sirens. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 024-024.	5.4	129
23	Squeezed tensor non-Gaussianity in non-attractor inflation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 036-036.	5.4	23
24	Gravitational-wave luminosity distance in quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135000.	4.1	27
25	On long range axion hairs for black holes. Classical and Quantum Gravity, 2019, 36, 215015.	4.0	4
26	Reconstructing the spectral shape of a stochastic gravitational wave background with LISA. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017.	5.4	149
27	Runaway quintessence, out of the swampland. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 031-031.	5.4	46
28	Quantum gravity and gravitational-wave astronomy. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 012-012.	5.4	44
29	A new scalar-tensor realization of Hořava-Lifshitz gravity. Classical and Quantum Gravity, 2019, 36, 075014.	4.0	13
30	Stealth configurations in vector-tensor theories of gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 046-046.	5.4	12
31	An exact solution for a rotating black hole in modified gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 033-033.	5.4	23
32	Probing the inflationary particle content: extra spin-2 field. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 016-016.	5.4	29
33	Probing non-Gaussian stochastic gravitational wave backgrounds with LISA. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 034-034.	5.4	59
34	Anisotropic tensor power spectrum at interferometer scales induced by tensor squeezed non-Gaussianity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 011-011.	5.4	28
35	A new mechanism to enhance primordial tensor fluctuations in single field inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 024-024.	5.4	23
36	Compact objects in scalar-tensor theories after GW170817. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 006-006.	5.4	31

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37	Mechanisms for primordial black hole production in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 005-005.	5.4	111
38	Black holes and neutron stars in vector Galileons. <i>Classical and Quantum Gravity</i> , 2017, 34, 165002.	4.0	42
39	Primordial gravitational waves in supersolid inflation. <i>Physical Review D</i> , 2017, 96, .	4.7	52
40	A geometrical approach to degenerate scalar-tensor theories. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
41	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
42	Extended scalar-tensor theories of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 044-044.	5.4	283
43	Subleading effects and the field range in axion inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 008-008.	5.4	26
44	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
45	Black holes and Abelian symmetry breaking. <i>Classical and Quantum Gravity</i> , 2016, 33, 175007.	4.0	65
46	Covariantized vector Galileons. <i>Physical Review D</i> , 2016, 93, .	4.7	47
47	Horndeski: beyond, or not beyond?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 038-038.	5.4	106
48	Galaxy bispectrum, primordial non-Gaussianity and redshift space distortions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 014-014.	5.4	69
49	Galileon Higgs vortices. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	6
50	A scenario for inflationary magnetogenesis without strong coupling problem. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 040-040.	5.4	37
51	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
52	Generalised tensor fluctuations and inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 029-029.	5.4	49
53	A Higgs mechanism for vector Galileons. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
54	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

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55	A small cosmological constant from Abelian symmetry breaking. <i>Classical and Quantum Gravity</i> , 2014, 31, 225004.	4.0	58
56	A falsely fat curvaton with an observable running of the spectral tilt. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 040-040.	5.4	7
57	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
58	Galileons and strong gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 055-055.	5.4	25
59	Cosmic acceleration from Abelian symmetry breaking. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	191
60	A non-Gaussian landscape. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 004-004.	5.4	23
61	Conformal couplings of Galileons to other degrees of freedom. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	4
62	Slow-walking inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 006-006.	5.4	1
63	Mixed non-Gaussianity in multiple-DBI inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 021-021.	5.4	9
64	Stability of the self-accelerating universe in massive gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 044-044.	5.4	38
65	The role of vector fields in modified gravity scenarios. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 037-037.	5.4	16
66	Exact solutions in massive gravity. <i>Classical and Quantum Gravity</i> , 2013, 30, 184002.	4.0	46
67	Implications of the Planck bispectrum constraints for the primordial trispectrum. <i>Europhysics Letters</i> , 2013, 103, 19001.	2.0	13
68	Vector instabilities and self-acceleration in the decoupling limit of massive gravity. <i>Physical Review D</i> , 2013, 87, .	4.7	30
69	Effective theory for the Vainshtein mechanism from the Horndeski action. <i>Physical Review D</i> , 2013, 88, .	4.7	116
70	Loop corrections and a new test of inflation. <i>Physical Review D</i> , 2013, 87, .	4.7	12
71	Local non-Gaussianity from rapidly varying sound speeds. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 005-005.	5.4	17
72	Natural quintessence in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 044-044.	5.4	43

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73	Inhomogeneous non-gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 012-012.	5.4	25
74	Lifshitz black holes in IIA supergravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	12
75	Characterizing Vainshtein solutions in massive gravity. <i>Physical Review D</i> , 2012, 86, .	4.7	59
76	New symmetries in Fierz-Pauli massive gravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	9
77	Analytic Solutions in Nonlinear Massive Gravity. <i>Physical Review Letters</i> , 2011, 107, 131101.	7.8	196
78	The self-accelerating universe with vectors in massive gravity. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	70
79	Poly-instanton inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	5.4	55
80	Inflationary correlation functions without infrared divergences. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 021-021.	5.4	58
81	Strong interactions and exact solutions in nonlinear massive gravity. <i>Physical Review D</i> , 2011, 84, .	4.7	184
82	CAN THE GRAVITON HAVE A MASS?. <i>International Journal of Modern Physics D</i> , 2011, 20, 2803-2807.	2.1	3
83	Lifshitz solutions in supergravity and string theory. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	95
84	Scale dependence of local f_{NL} . <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 034-034.	5.4	96
85	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
86	Non-Gaussianity beyond slow roll in multi-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 016-016.	5.4	93
87	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
88	Induced gravity on intersecting brane worlds. II. <i>Cosmology. Physical Review D</i> , 2008, 78, .	4.7	25
89	Induced gravity on intersecting brane worlds: Maximally symmetric solutions. <i>Physical Review D</i> , 2008, 77, .	4.7	28
90	Spinflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 010.	5.4	94

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91	Weakly-coupled IIA flux compactifications. <i>Journal of High Energy Physics</i> , 2008, 2008, 084-084.	4.7	56
92	Towards Minkowski vacua in type II string compactifications. <i>Journal of High Energy Physics</i> , 2007, 2007, 104-104.	4.7	63
93	Cycling in the throat. <i>Journal of High Energy Physics</i> , 2007, 2007, 026-026.	4.7	36
94	UV caps and modulus stabilization for 6D gauged chiral supergravity. <i>Journal of High Energy Physics</i> , 2007, 2007, 124-124.	4.7	51
95	Standard 4D gravity on a brane in six-dimensional flux compactifications. <i>Physical Review D</i> , 2006, 73, .	4.7	67
96	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
97	Self-tuning and its footprints. <i>Nuclear Physics B</i> , 2004, 677, 405-429.	2.5	104
98	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
99	Instabilities and particle production in S-brane geometries. <i>Journal of High Energy Physics</i> , 2003, 2003, 050-050.	4.7	22
100	Warped brane worlds in six dimensional supergravity. <i>Journal of High Energy Physics</i> , 2003, 2003, 037-037.	4.7	154
101	Cosmological Spacetimes from Negative Tension Brane Backgrounds. <i>Journal of High Energy Physics</i> , 2002, 2002, 028-028.	4.7	56
102	Universal singlets, supergravity and inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 524, 342-347.	4.1	1
103	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