Germano Nardini

List of Publications by Year
in descending order

42 papers	4,593 citations	186265 28 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	3682 citing authors

#	Article	IF	Citations
1	Science with the space-based interferometer eLISA. II: gravitational waves from cosmological phase transitions. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 001-001.	5.4	536
2	Black holes, gravitational waves and fundamental physics: a roadmap. Classical and Quantum Gravity, 2019, 36, 143001.	4.0	451
3	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
4	Detecting gravitational waves from cosmological phase transitions with LISA: an update. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 024-024.	5.4	373
5	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
6	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
7	Prospects for fundamental physics with LISA. General Relativity and Gravitation, 2020, 52, 1.	2.0	198
8	Quantum gravity phenomenology at the dawn of the multi-messenger eraâ€"A review. Progress in Particle and Nuclear Physics, 2022, 125, 103948.	14.4	175
9	The baryogenesis window in the MSSM. Nuclear Physics B, 2009, 812, 243-263.	2.5	154
10	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
11	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
12	Unified explanation for dark matter and electroweak baryogenesis with direct detection and gravitational wave signatures. Physical Review D, 2016, 94, .	4.7	106
13	Constraining dark sectors with monojets and dijets. Journal of High Energy Physics, 2015, 2015, 1.	4.7	99
14	The missing link in gravitational-wave astronomy: discoveries waiting in the decihertz range. Classical and Quantum Gravity, 2020, 37, 215011.	4.0	90
15	Unveiling the gravitational universe at Î¼-Hz frequencies. Experimental Astronomy, 2021, 51, 1333-1383.	3.7	88
16	A confining strong first-order electroweak phase transition. Journal of High Energy Physics, 2007, 2007, 077-077.	4.7	81
17	From Boltzmann equations to steady wall velocities. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 028-028.	5.4	78
18	MSSM electroweak baryogenesis and LHC data. Journal of High Energy Physics, 2013, 2013, 1.	4.7	74

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19	Signals of the electroweak phase transition at colliders and gravitational wave observatories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	73
20	Gravitational backreaction effects on the holographic phase transition. Physical Review D, 2010, 82, .	4.7	67
21	Detectable gravitational waves from very strong phase transitions in the general NMSSM. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 036-036.	5.4	63
22	Cosmological phase transitions in warped space: gravitational waves and collider signatures. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
23	A light supersymmetric Higgs sector hidden by a standard model-like Higgs. Journal of High Energy Physics, 2013, 2013, 1.	4.7	52
24	Bounding the Speed of Gravity with Gravitational Wave Observations. Physical Review Letters, 2017, 119, 161102.	7.8	50
25	The effective theory of the light stop scenario. Journal of High Energy Physics, 2008, 2008, 062-062.	4.7	49
26	Lattice study of an electroweak phase transition atm_hâ‰ƒ 126 GeV. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 011-011.	5.4	44
27	Thermal phase transition with full 2-loop effective potential. Nuclear Physics B, 2017, 920, 565-600.	2.5	38
28	Hairy black holes in massive gravity: Thermodynamics and phase structure. Physical Review D, 2012, 86, .	4.7	36
29	Large diphoton Higgs rates from supersymmetric triplets. Physical Review D, 2012, 86, .	4.7	25
30	The effect of mission duration on LISA science objectives. General Relativity and Gravitation, 2022, 54, 3.	2.0	24
31	Magnetic fields at first order phase transition: a threat to electroweak baryogenesis. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 030-030.	5.4	23
32	Gravitational imprints from heavy Kaluza-Klein resonances. Physical Review D, 2020, 102, .	4.7	15
33	The missing link in gravitational-wave astronomy. Experimental Astronomy, 2021, 51, 1427-1440.	3.7	15
34	The light stop scenario from gauge mediation. Journal of High Energy Physics, 2012, 2012, 1.	4.7	14
35	Dark matter versus h â†' Î³Î³ and h â†' Î³Z with supersymmetric triplets. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
36	Confronting SUSY models with LHC data via electroweakino production. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10

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37	A light sneutrino rescues the light stop. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
38	Electroweak vacuum stability and finite quadratic radiative corrections. Physical Review D, 2015, 92, .	4.7	9
39	Natural supersymmetry from extra dimensions. Physical Review D, 2016, 94, .	4.7	4
40	LISA as a probe for particle physics: electroweak scale tests in synergy with ground-based experiments. , 2018, , .		4
41	Gravitational waves and collider signatures fromholographic phase transitions in soft walls. , 2019, , .		2
42	First order thermal phase transition with 126 GeV Higgs mass. , 2014, , .		1