

Luciano Casarini

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,653
citations

686830

13
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

1939
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-independent reconstruction of dark sector interactions. <i>Physical Review D</i> , 2021, 104, .	1.6	16
2	Dark degeneracy I: Dynamical or interacting dark energy?. <i>Physics of the Dark Universe</i> , 2020, 28, 100490.	1.8	24
3	Cosmological constraints on parametrized interacting dark energy. <i>Physics of the Dark Universe</i> , 2019, 23, 100248.	1.8	48
4	Null test for interactions in the dark sector. <i>Physical Review D</i> , 2019, 99, .	1.6	31
5	Cosmology and fundamental physics with the Euclid satellite. <i>Living Reviews in Relativity</i> , 2018, 21, 2.	8.2	602
6	Does a generalized Chaplygin gas correctly describe the cosmological dark sector?. <i>Physics of the Dark Universe</i> , 2017, 15, 114-124.	1.8	34
7	Effects of coupled dark energy on the Milky Way and its satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2490-2501.	1.6	13
8	Linear and non-linear perturbations in dark energy models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 010-010.	1.9	12
9	SAMPLE VARIANCE IN N -BODY SIMULATIONS AND IMPACT ON TOMOGRAPHIC SHEAR PREDICTIONS. <i>Astrophysical Journal</i> , 2015, 812, 16.	1.6	4
10	Dark MaGICC: the effect of dark energy on disc galaxy formation. <i>Cosmology does matter. Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 176-186.	1.6	27
11	Structure formation in a Λ CDM universe. <i>Physical Review D</i> , 2014, 90, .	1.6	30
12	Bouncing solutions in Rastall's theory with a barotropic fluid. <i>Gravitation and Cosmology</i> , 2013, 19, 156-162.	0.3	31
13	Cosmology and Fundamental Physics with the Euclid Satellite. <i>Living Reviews in Relativity</i> , 2013, 16, 6.	8.2	683
14	Direct recovery of fluctuation spectra from tomographic shear spectra. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 005-005.	1.9	2
15	Non-linear weak lensing forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 026-026.	1.9	19
16	Spectra of dynamical dark energy cosmologies from constant- w models. <i>New Astronomy</i> , 2010, 15, 575-579.	0.8	4
17	High-precision spectra for dynamical Dark Energy cosmologies from constant- w models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 005-005.	1.9	6
18	Dynamical dark energy simulations: high accuracy power spectra at high redshift. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 014-014.	1.9	38

#	ARTICLE	IF	CITATIONS
19	The BaR-SPOrt experiment: measuring the CMBP E-mode power spectrum from Dome C. EAS Publications Series, 2005, 14, 81-86.	0.3	1
20	The Sky Polarization Observatory. New Astronomy, 2004, 9, 297-327.	0.8	28