Domenico Sapone

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1000021/publications.pdf

Version: 2024-02-01

33 papers	2,690 citations	361413 20 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	4569 citing authors

#	Article	IF	Citations
1	Cosmology and Fundamental Physics with the Euclid Satellite. Living Reviews in Relativity, 2013, 16, 6.	26.7	683
2	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
3	Measuring the dark side (with weak lensing). Journal of Cosmology and Astroparticle Physics, 2008, 2008, 013.	5.4	313
4	Dark Energy versus Modified Gravity. Physical Review Letters, 2007, 98, 121301.	7.8	177
5	Curvature versus distances: Testing the FLRW cosmology. Physical Review D, 2014, 90, .	4.7	90
6	Crossing the phantom divide. Physical Review D, 2006, 74, .	4.7	81
7	A parametrization of the growth index of matter perturbations in various Dark Energy models and observational prospects using a Euclid-like survey. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 010-010.	5.4	67
8	Fingerprinting dark energy. Physical Review D, 2009, 80, .	4.7	63
9	Euclid preparation: IX. EuclidEmulator2 â€“ power spectrum emulation with massive neutrinos and self-consistent dark energy perturbations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2840-2869.	4.4	62
10	DARK ENERGY IN PRACTICE. International Journal of Modern Physics A, 2010, 25, 5253-5331.	1.5	59
11	Internal robustness of growth rate data. Physical Review D, 2018, 98, .	4.7	53
12	Constraints on early dark energy from CMB lensing and weak lensing tomography. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 012-012.	5.4	43
13	Euclid preparation. Astronomy and Astrophysics, 2019, 631, A85.	5.1	40
14	Fingerprinting dark energy. II. Weak lensing and galaxy clustering tests. Physical Review D, 2010, 82, .	4.7	36
15	Fingerprinting dark energy. III. Distinctive marks of viscosity. Physical Review D, 2012, 85, .	4.7	31
16	Accuracy of the growth index in the presence of dark energy perturbations. Physical Review D, 2015, 92, .	4.7	30
17	Null tests of the standard model using the linear model formalism. Physical Review D, 2018, 97, .	4.7	27
18	Constraints on inflation with LSS surveys: features in the primordial power spectrum. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 004-004.	5.4	26

#	Article	IF	Citations
19	Can dark energy viscosity be detected with the Euclid survey?. Physical Review D, 2013, 88, .	4.7	22
20	Evaporating primordial black holes as varying dark energy. Physics of the Dark Universe, 2020, 27, 100413.	4.9	21
21	Euclid: The reduced shear approximation and magnification bias for Stage IV cosmic shear experiments. Astronomy and Astrophysics, 2020, 636, A95.	5.1	20
22	Novel null-test for the Î› cold dark matter model with growth-rate data. International Journal of Modern Physics D, 2015, 24, 1550045.	2.1	19
23	Is there any measurable redshift dependence on the SN Ia absolute magnitude?. Physics of the Dark Universe, 2021, 32, 100814.	4.9	18
24	Euclid preparation. Astronomy and Astrophysics, 2020, 635, A139.	5.1	15
25	Cosmological constraints on the gravitational constant. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 004.	5.4	15
26	Combined constraints on deviations of dark energy from an ideal fluid fromEuclidandPlanck. Monthly Notices of the Royal Astronomical Society, 2016, 456, 109-118.	4.4	13
27	Testing extended Jordan-Brans-Dicke theories with future cosmological observations. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 049-049.	5.4	12
28	Reconstruction of the null-test for the matter density perturbations. Physical Review D, 2015, 91, .	4.7	11
29	Euclid Preparation. XIV. The Complete Calibration of the Colorâ€“Redshift Relation (C3R2) Survey: Data Release 3. Astrophysical Journal, Supplement Series, 2021, 256, 9.	7.7	11
30	Validating the Fisher approach for stage IV spectroscopic surveys. Astronomy and Astrophysics, 2021, 649, A52.	5.1	9
31	Comparison of piecewise-constant methods for dark energy. Physical Review D, 2014, 90, .	4.7	8
32	Does jackknife scale really matter for accurate large-scale structure covariances?. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5833-5845.	4.4	7
33	Relativistic effects in the large-scale structure with effective dark energy fluids. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 037-037.	5.4	6