Uncorrelated measurements of the cosmic expansion hi supernovae

Physical Review D

71,

DOI: 10.1103/physrevd.71.103513

Citation Report

#	Article	IF	Citations
1	Hessence: a new view of quintom dark energy. Classical and Quantum Gravity, 2005, 22, 3189-3202.	1.5	273
2	Cosmological evolution of â€œhessenceâ€•dark energy and avoidance of the big rip. Physical Review D, 2005, 72, .	1.6	146
3	Sudden gravitational transition. Physical Review D, 2006, 73, .	1.6	87
4	Interacting Chaplygin gas. Physical Review D, 2006, 73, .	1.6	114
5	Generalized second law in a phantom-dominated universe. Physical Review D, 2006, 73, .	1.6	103
6	Interacting vectorlike dark energy, the first and second cosmological coincidence problems. Physical Review D, 2006, 73, .	1.6	129
7	Thermodynamics of an accelerated expanding universe. Physical Review D, 2006, 74, .	1.6	223
8	Evolving Newtonâ€™s constant, extended gravity theories, and SnIa data analysis. Physical Review D, 2006, 73, .	1.6	80
9	Attractor solutions for general hessence dark energy. Physical Review D, 2006, 73, .	1.6	48
10	RECONSTRUCTING DARK ENERGY. International Journal of Modern Physics D, 2006, 15, 2105-2132.	0.9	620
11	Dark Energy Constraints from Baryon Acoustic Oscillations. Astrophysical Journal, 2006, 647, 1-7.	1.6	50
12	Robust Dark Energy Constraints from Supernovae, Galaxy Clustering, and 3 yrWilkinson Microwave Anisotropy ProbeObservations. Astrophysical Journal, 2006, 650, 1-6.	1.6	265
13	The Joint Efficient Dark-energy Investigation (JEDI): measuring the cosmic expansion history from type Ia supernovae. , 2006, 6265, 747.		1
14	Illuminating dark energy with the Joint Efficient Dark-energy Investigation (JEDI). , 2006, , .		7
15	Smoothing supernova data to reconstruct the expansion history of the Universe and its age. Monthly Notices of the Royal Astronomical Society, 2006, 366, 1081-1095.	1.6	158
16	Dark energy and the generalized second law. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 420-426.	1.5	240
17	A note on crossing the phantom divide in hybrid dark energy model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 9-13.	1.5	74
18	Generalized second law of thermodynamics in quintom dominated universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 130-133.	1.5	167

#	Article	IF	Citations
19	Brane-bulk energy exchange: a model with the present universe as a global attractor. Journal of High Energy Physics, 2006, 2006, 107-107.	1.6	49
20	Super-acceleration on the brane through energy flow from the bulk. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 006-006.	1.9	53
21	Reduction of cosmological data for the detection of time-varying dark energy density. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 001-001.	1.9	37
22	Scalarâ€“tensor models of normal and phantom dark energy. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 016-016.	1.9	193
23	What Do We Really Know about Cosmic Acceleration?. Astrophysical Journal, 2006, 649, 563-569.	1.6	110
24	A TRACKER SOLUTION FOR A HOLOGRAPHIC DARK ENERGY MODEL. International Journal of Modern Physics D, 2006, 15, 869-877.	0.9	117
25	Problems with Small Area Surveys: Lensing Covariance of Supernova Distance Measurements. Physical Review Letters, 2006, 96, 021301.	2.9	28
26	Features in the dark energy equation of state and modulations in the Hubble diagram. Physical Review D, 2006, 74, .	1.6	53
27	PARAMETRIZATION OF k-ESSENCE AND ITS KINETIC TERM. Modern Physics Letters A, 2006, 21, 1683-1689.	0.5	17
28	SUPERNOVA Ia AND GALAXY CLUSTER GAS MASS FRACTION CONSTRAINTS ON DARK ENERGY. Modern Physics Letters A, 2006, 21, 2197-2204.	0.5	42
29	ANISOTROPIC SELF-SIMILAR COSMOLOGICAL MODEL WITH DARK ENERGY. International Journal of Modern Physics D, 2006, 15, 991-999.	0.9	17
30	UNCERTAINTY ON DETERMINING THE DARK ENERGY EQUATION OF STATE DUE TO THE SPATIAL CURVATURE. International Journal of Modern Physics A, 2007, 22, 1819-1834.	0.5	11
31	Narrowing constraints with type Ia supernovae: converging on a cosmological constant. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 004-004.	1.9	39
32	Chengâ€“Weyl vector field and its cosmological application. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 015-015.	1.9	32
33	NewHubble Space TelescopeDiscoveries of Type Ia Supernovae atzâ‰¥ 1: Narrowing Constraints on the Early Behavior of Dark Energy. Astrophysical Journal, 2007, 659, 98-121.	1.6	1,430
34	Accelerating universe and scalar-tensor theories. Journal of Physics: Conference Series, 2007, 68, 012005.	0.3	2
35	String inspired explanation for the superacceleration of our Universe. Physical Review D, 2007, 75, .	1.6	37
36	Crossingw=â^'1by a single scalar on a Dvali-Gabadadze-Porrati brane. Physical Review D, 2007, 75, .	1.6	78

#	Article	IF	Citations
37	Dynamics of quintom and hessence energies in loop quantum cosmology. Physical Review D, 2007, 76, .	1.6	47
38	Transition of equation of state of effective dark energy in the Dvali-Gabadadze-Porrati model with bulk contents. Physical Review D, 2007, 76, .	1.6	25
39	Observational constraints on dark energy and cosmic curvature. Physical Review D, 2007, 76, .	1.6	209
40	Direct reconstruction of the dark energy scalar-field potential. Physical Review D, 2007, 75, .	1.6	23
41	Dynamical behavior of generic quintessence potentials: Constraints on key dark energy observables. Physical Review D, 2007, 75, .	1.6	70
42	Reconstruction of hessence dark energy and the latest typeÂIa supernovae gold dataset. Physical Review D, 2007, 75, .	1.6	78
43	Probing for dynamics of dark energy and curvature of universe with latest cosmological observations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 648, 8-13.	1.5	93
44	Model-independent reconstruction of the expansion history of the Universe and the properties of dark energy. Monthly Notices of the Royal Astronomical Society, 2007, 380, 1573-1580.	1.6	88
45	Observational data and cosmological models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 644, 7-15.	1.5	104
46	Interacting generalized Chaplygin gas model in non-flat universe. European Physical Journal C, 2007, 52, 689-692.	1.4	125
47	Inhomogeneous dark energy and cosmological acceleration. General Relativity and Gravitation, 2007, 39, 1675-1687.	0.7	16
48	What can gamma ray bursts teach us about dark energy?. Astroparticle Physics, 2007, 27, 113-118.	1.9	22
49	Observational constraints on the dark energy and dark matter mutual coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 111-119.	1.5	101
50	Cosmic dynamics in the era of Extremely Large Telescopes. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1192-1218.	1.6	210
51	Two new diagnostics of dark energy. Physical Review D, 2008, 78, .	1.6	438
52	Dark-energy dynamics required to solve the cosmic coincidence. Physical Review D, 2008, 78, .	1.6	23
53	High-resolution temporal constraints on the dynamics of dark energy. Physical Review D, 2008, 77, .	1.6	19
54	Figure of merit for dark energy constraints from current observational data. Physical Review D, 2008, 77, .	1.6	108

#	Article	IF	Citations
55	The Beginning and Evolution of the Universe. Publications of the Astronomical Society of the Pacific, 2008, 120, 235-265.	1.0	81
56	Observational bounds on modified gravity models. Physical Review D, 2008, 77, .	1.6	17
57	Cosmology with a dark refraction index. Physical Review D, 2008, 78, .	1.6	10
58	Probing the cosmic acceleration history and the properties of dark energy from the ESSENCE supernova data with a model independent method. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 019.	1.9	13
59	Effects of the interaction between dark energy and dark matter on cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 010.	1.9	181
60	How strong is the evidence for accelerated expansion?. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 007.	1.9	27
61	On Using the WMAP Distance Information in Constraining the Time-evolving Equation of State of Dark Energy. Astrophysical Journal, 2008, 683, L1-L4.	1.6	34
62	Improved Constraints on the Acceleration History of the Universe and the Properties of the Dark Energy. Astrophysical Journal, 2008, 677, 1-11.	1.6	124
63	Model-independent determination of the cosmic expansion rate. Astronomy and Astrophysics, 2008, 481, 295-303.	2.1	22
64	An optimal basis system for cosmology: data analysis and new parameterisation. Astronomy and Astrophysics, 2009, 508, 45-51.	2.1	14
65	QUINTOM COSMOLOGY WITH GENERAL POTENTIALS. International Journal of Modern Physics D, 2009, 18, 549-557.	0.9	80
66	Model- and calibration-independent test of cosmic acceleration. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 024-024.	1.9	25
67	A non-minimally coupled quintom dark energy model on the warped DGP brane. Physica Scripta, 2009, 80, 025901.	1.2	24
68	Consistency among distance measurements: transparency, BAO scale and accelerated expansion. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 012-012.	1.9	71
69	Model independent constraints on the cosmological expansion rate. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 044-044.	1.9	41
70	Smooth Crossing ofwÎ›=â˜’1Line in a Single Scalar Field Model. Advances in High Energy Physics, 2009, 2009, 1-14.	0.5	7
71	Consistency checks in the Î›CDM: transparency, BAO scale and Î›-domination. Nuclear Physics, Section B, Proceedings Supplements, 2009, 194, 173-177.	0.5	0
72	Quasinormal modes of black holes absorbing dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 156-160.	1.5	24

#	Article	IF	Citations
73	Falsifying paradigms for cosmic acceleration. Physical Review D, 2009, 79, .	1.6	66
74	Thermodynamics of Spinor Quintom. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 101-107.	1.5	15
75	New holographic scalar field models of dark energy in non-flat universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 61-68.	1.5	86
76	A model-independent null test on the cosmological constant. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1879-1885.	1.6	60
77	The space advantage for measuring dark energy with Type Ia supernovae. , 0, , 215-245.		0
78	INTERACTING HOLOGRAPHIC TACHYON MODEL OF DARK ENERGY. International Journal of Modern Physics D, 2010, 19, 573-586.	0.9	9
79	FORECASTS OF DARK ENERGY CONSTRAINTS FROM BARYON ACOUSTIC OSCILLATIONS. Modern Physics Letters A, 2010, 25, 3093-3113.	0.5	23
80	Interacting agegraphic quintessence dark energy in non-flat universe. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 017-017.	1.9	20
81	Figures of merit for present and future dark energy probes. Physical Review D, 2010, 82, .	1.6	25
82	Testable dark energy predictions from current data. Physical Review D, 2010, 81, .	1.6	37
83	Dark Energy. Communications in Theoretical Physics, 2011, 56, 525-604.	1.1	649
84	The crossing statistic: dealing with unknown errors in the dispersion of Type Ia supernovae. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 017-017.	1.9	26
85	Hubbleparameter reconstruction from a principal component analysis: minimizing the bias. Astronomy and Astrophysics, 2011, 527, A49.	2.1	39
86	Genetic algorithms and the analysis of SnIa data. Journal of Physics: Conference Series, 2011, 283, 012025.	0.3	5
87	Breaking parameter degeneracy in interacting dark energy models from observations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 513-519.	1.5	26
88	Detecting the cosmic acceleration with current data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 706, 116-122.	1.5	22
89	Holographic dilatonic dark energy model. European Physical Journal C, 2011, 71, 1.	1.4	9
90	Cosmological Implications of Interacting Polytropic Gas Dark Energy Model in Non-flat Universe. International Journal of Theoretical Physics, 2011, 50, 3112-3124.	0.5	17

#	Article	IF	Citations
91	Cosmological evolution andÂstatefinder diagnostic forÂnew holographic dark energy model inÂnonÂflat universe. Astrophysics and Space Science, 2011, 332, 515-524.	0.5	45
92	POWER OF OBSERVATIONAL HUBBLE PARAMETER DATA: A FIGURE OF MERIT EXPLORATION. Astrophysical Journal, 2011, 730, 74.	1.6	96
93	RECONSTRUCTION OF NEW HOLOGRAPHIC SCALAR FIELD MODELS OF DARK ENERGY IN BRANSâ€“DICKE UNIVERSE. Modern Physics Letters A, 2011, 26, 191-204.	0.5	24
94	NEW HOLOGRAPHIC CHAPLYGIN GAS MODEL OF DARK ENERGY. International Journal of Modern Physics D, 2011, 20, 281-297.	0.9	7
95	Crossing statistic: reconstructing the expansion history of the universe. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 002-002.	1.9	43
96	Reconstruction of the dark energy equation of state. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 020-020.	1.9	43
97	Crossing statistic: Bayesian interpretation, model selection and resolving dark energy parametrization problem. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 024-024.	1.9	25
98	Principal components of dark energy with Supernova Legacy Survey supernovae: The effects of systematic errors. Physical Review D, 2012, 86, .	1.6	17
99	POLYTROPIC AND CHAPLYGIN f(R)-GRAVITY MODELS. International Journal of Modern Physics D, 2012, 21, 1250083.	0.9	12
100	Pulsar-Driven Jets in Supernovae, Gamma-Ray Bursts, and the Universe. Advances in Astronomy, 2012, 2012, 1-26.	0.5	0
101	Statefinder Diagnostic and wâ^'wâ€² Analysis for Interacting Polytropic Gas Dark Energy Model. International Journal of Theoretical Physics, 2012, 51, 3141-3151.	0.5	27
102	Holographic Dark Energy in Brans-Dicke Cosmology with Granda-Oliveros Cut-off. International Journal of Theoretical Physics, 2012, 51, 604-611.	0.5	29
103	Is dark energy evolving?. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 049-049.	1.9	8
104	Exploring the systematic uncertainties of type Ia supernovae as cosmological probes. Physical Review D, 2013, 88, .	1.6	36
105	COSMOGRAPHY OF INTERACTING GENERALIZED QCD GHOST DARK ENERGY. International Journal of Modern Physics D, 2013, 22, 1350084.	0.9	14
106	G-corrected holographic dark energy model. Astrophysics and Space Science, 2013, 346, 545-552.	0.5	3
107	Holographic dark energy with time varying parameter c 2. Astrophysics and Space Science, 2013, 343, 799-806.	0.5	8
108	The phase space of quintom cosmology. Astrophysics and Space Science, 2013, 345, 421-425.	0.5	3

#	Article	IF	Citations
109	Polytropic Gas Scalar Field Models of Dark Energy. International Journal of Theoretical Physics, 2013, 52, 2674-2685.	0.5	7
110	Observational probes of cosmic acceleration. Physics Reports, 2013, 530, 87-255.	10.3	933
111	Holographic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>T</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 657 Td (stretchy="false">)</mml:mo><mml:mi>Review D, 2013, 88, .	1.6	41
112	Exploring scalar field dynamics with Gaussian processes. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 005-005.	1.9	30
113	Effects of a Time-Varying Color-Luminosity Parameter Î² on the Cosmological Constraints of Modified Gravity Models. Communications in Theoretical Physics, 2014, 62, 927-936.	1.1	16
114	Effects of time-varying $$eta $$ Î² in SNLS3 on constraining interacting dark energy models. European Physical Journal C, 2014, 74, 1.	1.4	42
115	Exploring the evolution of color-luminosity parameter<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>and its effects on parameter estimation. Physical Review D, 2014, 89, .	1.6	24
116	High-redshift standard candles: predicted cosmological constraints. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3454-3476.	1.6	33
117	Observational constraint on the interacting dark energy models including the Sandageâ€“Loeb test. European Physical Journal C, 2014, 74, 1.	1.4	27
118	Generalized second law of thermodynamics in scalar-tensor gravity. Physical Review D, 2014, 89, .	1.6	28
119	Falsifying Cosmological Constant. Nuclear Physics, Section B, Proceedings Supplements, 2014, 246-247, 171-177.	0.5	6
120	Evolution of spherical overdensities in holographic dark energy models. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1873-1884.	1.6	25
121	Fluctuation of the Hubble parameter. Physical Review D, 2015, 91, .	1.6	0
122	Revisit of constraints on holographic dark energy: SNLS3 dataset with the effects of time-varying Î² and different light-curve fitters. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-11.	2.0	20
123	Probing the nature of dark energy. International Journal of Modern Physics A, 2015, 30, 1545010.	0.5	1
124	Effects of ghost dark energy perturbations on the evolution of spherical overdensities. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4149-4159.	1.6	22
125	Thermodynamics of universe with a varying dark energy component. International Journal of Modern Physics D, 2015, 24, 1550098.	0.9	14
126	Status on Bidimensional Dark Energy Parameterizations Using SNe Ia JLA and BAO Datasets. Galaxies, 2016, 4, 8.	1.1	22

#	Article	IF	Citations
127	Growth of spherical overdensities in scalarâ€“tensor cosmologies. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3795-3807.	1.6	21
128	A Study of Holographic Dark Energy Models in Chern-Simon Modified Gravity. International Journal of Theoretical Physics, 2016, 55, 5095-5105.	0.5	8
129	Linear and non-linear perturbations in dark energy models. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 010-010.	1.9	12
130	Exploring uncertainties in dark energy constraints using current observational data with Planck 2015 distance priors. Physical Review D, 2016, 94, .	1.6	40
131	Thermodynamical Description of Modified Generalized Chaplygin Gas Model of Dark Energy. International Journal of Theoretical Physics, 2016, 55, 1612-1621.	0.5	7
132	Spherical collapse model and cluster number counts in power-lawf(T) gravity. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3488-3496.	1.6	19
133	Exploring JLA supernova data with improved flux-averaging technique. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 037-037.	1.9	14
134	Constraining the dark energy models with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>z</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> data: An approach independent of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>H</mml:mi><mml:mn>0</mml:mn></mml:msub></mml:math>. Physical Review D, 2018, 97, .	1.6	23
135	Gauging the cosmic acceleration with recent type Ia supernovae data sets. Physical Review D, 2018, 97, .	1.6	14
136	Type Ia Supernova Distances at Redshift >1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate. Astrophysical Journal, 2018, 853, 126.	1.6	168
137	Revisiting holographic dark energy in cyclic cosmology. Canadian Journal of Physics, 2018, 96, 1034-1041.	0.4	2
138	Reconstructing the cosmic expansion history with a monotonicity prior. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 045-045.	1.9	1
139	Dark energy two decades after: observables, probes, consistency tests. Reports on Progress in Physics, 2018, 81, 016901.	8.1	200
140	Model-independent predictions for smooth cosmic acceleration scenarios. Physical Review D, 2018, 98, .	1.6	11
141	Comparing dark energy models with current observational data. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 011-011.	1.9	10
142	A Model-Independent Characterisation of Strong Gravitational Lensing by Observables. Universe, 2019, 5, 177.	0.9	13
143	Generalized model-independent characterization of strong gravitational lenses V: reconstructing the lensing distance ratio by supernovae for a general Friedmann universe. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1913-1927.	1.6	4
144	Robust and model-independent cosmological constraints from distance measurements. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 005-005.	1.9	33

#	Article	IF	Citations
145	Reconstructing the weak lensing magnification distribution of type Ia supernovae. Physical Review D, 2019, 99, .	1.6	2
146	Probing Cosmic Acceleration Using Model-independent Parameterizations and Three Kinds of Supernova Statistics Techniques. Astrophysical Journal, 2019, 873, 47.	1.6	2
147	Bayesian Deep Learning for Dark Energy. , 2020, , .		1
148	Principal component analysis of weak lensing surveys. Astronomy and Astrophysics, 2006, 452, 63-73.	2.1	9
149	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II (SDSS-II) SUPERNOVA RESULTS: CONSTRAINTS ON NONSTANDARD COSMOLOGICAL MODELS. Astrophysical Journal, 2009, 703, 1374-1385.	1.6	125
151	THE ACCELERATING UNIVERSE. , 2011, , 321-353.		2
152	An Alternative Approach of the Dark Energy Beyond the Equation of State. Reports in Advances of Physical Sciences, 2020, 04, 2050009.	0.6	2
153	Deep learning for cosmology. , 2020, , .		0
154	On generalized theories of varying fine structure constant. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1088-1104.	1.6	3
155	Quasinormal modes of the Hayward black hole surrounded by quintessence: Scalar, electromagnetic and gravitational perturbations. Modern Physics Letters A, 2022, 37, .	0.5	4
156	Dynamical analysis of k-essence cosmology in the light of Supernova Ia observations. European Physical Journal Plus, 2022, 137, 1.	1.2	1