

Eric V Linder

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

8,718
citations

81900

39
h-index

42399

92
g-index

115
all docs

115
docs citations

115
times ranked

5188
citing authors

#	ARTICLE	IF	CITATIONS
1	Out of one, many: distinguishing time delays from lensed supernovae. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1210-1217.	4.4	5
2	Quantum power: a Lorentz invariant approach to Hawking radiation. European Physical Journal C, 2022, 82, 1.	3.9	5
3	M̄rbius mirrors. Classical and Quantum Gravity, 2022, 39, 105003.	4.0	3
4	A novel approach for calculating galaxy rotation curves using spaxel cross-correlation and iterative smoothing. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2278-2297.	4.4	0
5	Deep learning unresolved lensed light curves. Monthly Notices of the Royal Astronomical Society, 2022, 515, 977-983.	4.4	2
6	Be It Unresolved: Measuring Time Delays from Lensed Supernovae. Astrophysical Journal, 2021, 910, 65.	4.5	10
7	Accelerating boundary analog of a Kerr black hole. Classical and Quantum Gravity, 2021, 38, 085011.	4.0	10
8	Light and Airy: A Simple Solution for Relativistic Quantum Acceleration Radiation. Universe, 2021, 7, 60.	2.5	5
9	Modified Schwarzschild metric from a unitary accelerating mirror analog. New Journal of Physics, 2021, 23, 043007.	2.9	7
10	The HST See Change Program. I. Survey Design, Pipeline, and Supernova Discoveries*. Astrophysical Journal, 2021, 912, 87.	4.5	8
11	Fast radio burst dispersion measure distribution as a probe of helium reionization. Physical Review D, 2021, 103, .	4.7	14
12	Distinguishing time clustering of astrophysical bursts. Physical Review D, 2021, 104, .	4.7	5
13	Cosmology requirements on supernova photometric redshift systematics for the Rubin LSST and Roman Space Telescope. Physical Review D, 2021, 103, .	4.7	10
14	Debiasing cosmic gravitational wave sirens. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3983-3989.	4.4	19
15	Complementarity of peculiar velocity surveys and redshift space distortions for testing gravity. Physical Review D, 2020, 101, .	4.7	16
16	Mirror at the edge of the universe: Reflections on an accelerated boundary correspondence with de Sitter cosmology. Physical Review D, 2020, 102, .	4.7	21
17	Detecting helium reionization with fast radio bursts. Physical Review D, 2020, 101, .	4.7	26
18	Determining Model-independent H_0 and Consistency Tests. Astrophysical Journal Letters, 2020, 895, L29.	8.3	48

#	ARTICLE	IF	CITATIONS
19	Exploring early and late cosmology with next generation surveys. Physical Review D, 2020, 101, .	4.7	1
20	Moving mirror model for quasithermal radiation fields. Physical Review D, 2020, 101, .	4.7	36
21	Pole dark energy. Physical Review D, 2020, 101, .	4.7	8
22	Finite thermal particle creation of Casimir light. Modern Physics Letters A, 2020, 35, 2040006.	1.2	14
23	ex machina: Vacuum metamorphosis and beyond H^2 Physics of the Dark Universe, 2020, 30, 100733.	4.9	24
24	Limited modified gravity. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 042-042.	5.4	13
25	No Run Gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 034-034.	5.4	11
26	Use of fast radio burst dispersion measures as distance measures. Physical Review D, 2019, 100, .	4.7	25
27	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	741
28	Finite energy but infinite entropy production from moving mirrors. Physical Review D, 2019, 99, .	4.7	22
29	Photometric supernovae redshift systematics requirements. Physical Review D, 2019, 100, .	4.7	10
30	A Model-independent Determination of the Hubble Constant from Lensed Quasars and Supernovae Using Gaussian Process Regression. Astrophysical Journal Letters, 2019, 886, L23.	8.3	75
31	End of cosmic growth. Physical Review D, 2019, 99, .	4.7	8
32	Vacuum phase transition solves the H^2 tension. Physical Review D, 2018, 97, .	4.7	119
33	No slip gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 005-005.	5.4	69
34	Cosmic curvature tested directly from observations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 041-041.	5.4	39
35	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
36	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: constraining modified gravity. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2122-2131.	4.4	44

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37	Eternal and evanescent black holes and accelerating mirror analogs. Physical Review D, 2018, 97, .	4.7	29
38	Cosmic growth and expansion conjoined. Astroparticle Physics, 2017, 86, 41-45.	4.3	24
39	Cosmic growth signatures of modified gravitational strength. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 030-030.	5.4	6
40	Is coming: Parametrizing freezing fields. Astroparticle Physics, 2017, 91, 11-14.	4.3	6
41	First Weak-lensing Results from "See Change" Quantifying Dark Matter in the Two $z \approx 1.5$ High-redshift Galaxy Clusters SPT-CL J2040+4451 and IDCS J1426+3508. Astrophysical Journal, 2017, 847, 117.	4.5	16
42	Challenges in connecting modified gravity theory and observations. Physical Review D, 2017, 95, .	4.7	32
43	Constraining dark energy dynamics in extended parameter space. Physical Review D, 2017, 96, .	4.7	149
44	Slicing the vacuum: New accelerating mirror solutions of the dynamical Casimir effect. Physical Review D, 2017, 96, .	4.7	27
45	CMB lensing and scale dependent new physics. Physical Review D, 2016, 93, .	4.7	5
46	Dark energy from $\hat{\mu}$ -attractors. Physical Review D, 2015, 91, .	4.7	28
47	Consistent modified gravity analysis of anisotropic galaxy clustering using BOSS DR11. Physical Review D, 2015, 92, .	4.7	36
48	Quintessence's last stand?. Physical Review D, 2015, 91, .	4.7	26
49	STRONG LENS TIME DELAY CHALLENGE. II. RESULTS OF TDC1. Astrophysical Journal, 2015, 800, 11.	4.5	120
50	Growth of cosmic structure: Probing dark energy beyond expansion. Astroparticle Physics, 2015, 63, 23-41.	4.3	103
51	Next generation strong lensing time delay estimation with Gaussian processes. Physical Review D, 2014, 90, .	4.7	17
52	Cosmological tests using redshift space clustering in BOSS DR11. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 005-005.	5.4	14
53	Cosmological constraints from the anisotropic clustering analysis using BOSS DR9. Physical Review D, 2014, 89, .	4.7	13
54	Dark energy scaling from dark matter to acceleration. Physical Review D, 2014, 90, .	4.7	12

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55	Inflationary freedom and cosmological neutrino constraints. <i>Physical Review D</i> , 2014, 89, .	4.7	24
56	New Constraints on the Early Expansion History of the Universe. <i>Physical Review Letters</i> , 2013, 111, 041301.	7.8	22
57	Model independent tests of cosmic growth versus expansion. <i>Physical Review D</i> , 2013, 87, .	4.7	41
58	Testing dark matter clustering with redshift space distortions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 031-031.	5.4	11
59	Power spectrum precision for redshift space distortions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 025-025.	5.4	6
60	The paths of gravity in galileon cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 043-043.	5.4	87
61	Weak lensing cosmology beyond Λ CDM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 011-011.	5.4	13
62	CMB polarization impact on cosmological constraints. <i>Physical Review D</i> , 2012, 86, .	4.7	5
63	Testing Einstein gravity with cosmic growth and expansion. <i>Physical Review D</i> , 2012, 85, .	4.7	36
64	Model independent early expansion history and dark energy. <i>Physical Review D</i> , 2012, 86, .	4.7	11
65	MAPPING GROWTH AND GRAVITY WITH ROBUST REDSHIFT SPACE DISTORTIONS. <i>Astrophysical Journal</i> , 2012, 748, 78.	4.5	67
66	Lensing time delays and cosmological complementarity. <i>Physical Review D</i> , 2011, 84, .	4.7	78
67	Cosmographic degeneracy. <i>Physical Review D</i> , 2011, 84, .	4.7	18
68	Model-independent tests of cosmic gravity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 4985-4997.	3.4	14
69	Dark before light: testing the cosmic expansion history through the cosmic microwave background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 001-001.	5.4	21
70	Testing standard cosmology with large-scale structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	10
71	Confronting general relativity with further cosmological data. <i>Physical Review D</i> , 2010, 82, .	4.7	54
72	Testing general relativity with current cosmological data. <i>Physical Review D</i> , 2010, 81, .	4.7	149

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73	Uniqueness of current cosmic acceleration. <i>Physical Review D</i> , 2010, 82, .	4.7	16
74	Generating and analyzing constrained dark energy equations of state and systematics functions. <i>Physical Review D</i> , 2010, 81, .	4.7	8
75	Old dark energy. <i>Physical Review D</i> , 2010, 81, .	4.7	6
76	Like vs like: Strategy and improvements in supernova cosmology systematics. <i>Physical Review D</i> , 2009, 79, .	4.7	10
77	Dark energy properties in DBI theory. <i>Physical Review D</i> , 2009, 80, .	4.7	25
78	Exponential gravity. <i>Physical Review D</i> , 2009, 80, .	4.7	175
79	Extending the gravitational growth framework. <i>Physical Review D</i> , 2009, 79, .	4.7	19
80	Aetherizing Lambda: Barotropic fluids as dark energy. <i>Physical Review D</i> , 2009, 80, .	4.7	82
81	The dynamics of quintessence, the quintessence of dynamics. <i>General Relativity and Gravitation</i> , 2008, 40, 329-356.	2.0	161
82	Redshift distortions as a probe of gravity. <i>Astroparticle Physics</i> , 2008, 29, 336-339.	4.3	92
83	Mapping the cosmological expansion. <i>Reports on Progress in Physics</i> , 2008, 71, 056901.	20.1	119
84	Calibrating dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 042.	5.4	39
85	POLARBEAR: Ultra-high Energy Physics with Measurements of CMB Polarization. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	13
86	Shifting the Universe: early dark energy and standard rulers. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 004.	5.4	36
87	Field flows of dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 015.	5.4	19
88	Theory challenges of the accelerating Universe. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 6697-6705.	2.1	9
89	Separating dark physics from physical darkness: Minimalist modified gravity versus dark energy. <i>Physical Review D</i> , 2007, 75, .	4.7	171
90	Parameterized beyond-Einstein growth. <i>Astroparticle Physics</i> , 2007, 28, 481-488.	4.3	328

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91	Snapping supernovae at $z > 1.7$. <i>Astroparticle Physics</i> , 2007, 27, 213-225.	4.3	15
92	Kinetic k-essence and quintessence. <i>Astroparticle Physics</i> , 2007, 28, 263-272.	4.3	101
93	Paths of quintessence. <i>Physical Review D</i> , 2006, 73, .	4.7	124
94	Seeing darkness: the new cosmology. <i>Journal of Physics: Conference Series</i> , 2006, 39, 56-62.	0.4	4
95	Biased cosmology: Pivots, parameters, and figures of merit. <i>Astroparticle Physics</i> , 2006, 26, 102-110.	4.3	43
96	On oscillating dark energy. <i>Astroparticle Physics</i> , 2006, 25, 167-171.	4.3	38
97	Safety in Numbers: Gravitational Lensing Degradation of the Luminosity Distance-Redshift Relation. <i>Astrophysical Journal</i> , 2005, 631, 678-688.	4.5	134
98	The Influence of Evolving Dark Energy on Cosmology. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 315-325.	3.4	11
99	Curved space or curved vacuum?. <i>Astroparticle Physics</i> , 2005, 24, 391-399.	4.3	44
100	Light thoughts on dark energy. <i>New Astronomy Reviews</i> , 2005, 49, 93-96.	12.8	4
101	Mapping the Dark Energy Equation of State. <i>Symposium - International Astronomical Union</i> , 2005, 216, 59-66.	0.1	1
102	Cosmic growth history and expansion history. <i>Physical Review D</i> , 2005, 72, .	4.7	591
103	Limits of Quintessence. <i>Physical Review Letters</i> , 2005, 95, 141301.	7.8	555
104	How many dark energy parameters?. <i>Physical Review D</i> , 2005, 72, .	4.7	120
105	Testing the cosmological constant as a candidate for dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 001-001.	5.4	46
106	Effects of systematic uncertainties on the supernova determination of cosmological parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 909-920.	4.4	127
107	Probing gravitation, dark energy, and acceleration. <i>Physical Review D</i> , 2004, 70, .	4.7	116
108	Strong gravitational lensing and dark energy complementarity. <i>Physical Review D</i> , 2004, 70, .	4.7	43

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109	Baryon oscillations as a cosmological probe. Physical Review D, 2003, 68, .	4.7	108
110	Exploring the Expansion History of the Universe. Physical Review Letters, 2003, 90, 091301.	7.8	1,602
111	Probing dark energy with supernovae: Exploiting complementarity with the cosmic microwave background. Physical Review D, 2003, 67, .	4.7	66
112	Observational bounds on cosmic doomsday. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 015-015.	5.4	82
113	Dark Energy, Expansion History of the Universe, and SNAP. AIP Conference Proceedings, 2003, , .	0.4	5
114	PROBING DARK ENERGY WITH SNAP. , 2003, , .		5