Luca Amendola

List of Publications by Year
in descending order

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178 papers	12,753 citations	34105 52 h-index	25787 108 g-index
183 all docs	183 docs citations	183 times ranked	3869 citing authors

#	Article	IF	Citations
1	The 6ÂÃ—Â2pt method: supernova velocities meet multiple tracers. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2841-2853.	4.4	6
2	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	6.7	350
3	Skewness as a test of dark energy perturbations. Physical Review D, 2022, 105, .	4.7	1
4	Measuring the Hubble function with standard candle clustering. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3884-3889.	4.4	12
5	<scp>mg-mamposst</scp>: a code to test modifications of gravity with internal kinematics and lensing analyses of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 506, 595-612.	4.4	8
6	Testing gravity with the MilkyÂWay: Yukawa potential. Physical Review D, 2021, 104, .	4.7	5
7	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. Astroparticle Physics, 2021, 131, 102605.	4.3	228
8	Cosmology intertwined III: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.svg"><mml:mrow><mml:mi>f</mml:mi><mml:msub><mml:mi>Ïƒ</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mro and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msub><mml:mi>S</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Astroparticle Physics, 2021, 131, 102604.	4.3	182
9	Early dark energy in the pre- and postrecombination epochs. Physical Review D, 2021, 104, .	4.7	25
10	Transient weak gravity in scalar-tensor theories. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 019-019.	5.4	4
11	Boosting Monte Carlo sampling with a non-Gaussian fit. Monthly Notices of the Royal Astronomical Society, 2020, 498, 181-193.	4.4	2
12	Ricci-inverse gravity: A novel alternative gravity, its flaws, and how to cure them. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135923.	4.1	17
13	Constraining coupled quintessence with the 21 cm signal. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 038-038.	5.4	10
14	Beyond self-acceleration: Force- and fluid-acceleration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135214.	4.1	2
15	Update on coupled dark energy and the <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> tension. Physical Review D, 2020, 101, .	4.7	95
16	Measuring Gravity at Cosmological Scales. Universe, 2020, 6, 20.	2.5	25
17	Linear cosmological perturbations in scalar-tensor-vector gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135238.	4.1	6
18	Scaling solutions and weak gravity in dark energy with energy and momentum couplings. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 020-020.	5.4	26

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19	Fisher matrix for multiple tracers: all you can learn from large-scale structure without assuming a model. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 054-054.	5.4	3
20	Observational constraints in nonlocal gravity: the Deser-Woodard case. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 045-045.	5.4	20
21	Fisher matrix for multiple tracers: model independent constraints on the redshift distortion parameter. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 030-030.	5.4	10
22	Primordial dark matter halos from fifth forces. Physical Review D, 2019, 100, .	4.7	32
23	Future constraints on the gravitational slip with the mass profiles of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 486, 596-607.	4.4	17
24	A Quantum Model for the Dynamics of Cold Dark Matter. Condensed Matter, 2019, 4, 89.	1.8	2
25	Coupled quintessence with a Î›CDM background: removing the Ïƒ₈ tension. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 007-007.	5.4	62
26	H₀from cosmic chronometers and Type Ia supernovae, with Gaussian Processes and the novel Weighted Polynomial Regression method. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 051-051.	5.4	177
27	Primordial black holes from fifth forces. Physical Review D, 2018, 97, .	4.7	34
28	On nonlocally interacting metrics, and a simple proposal for cosmic acceleration. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 048-048.	5.4	15
29	On the cosmology of scalar-tensor-vector gravity theory. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 048-048.	5.4	16
30	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
31	Fate of Large-Scale Structure in Modified Gravity After GW170817 and GRB170817A. Physical Review Letters, 2018, 120, 131101.	7.8	91
32	Model-independent reconstruction of the linear anisotropic stress Î·. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 027-027.	5.4	49
33	Model-independent measures of gravity at large scales. International Journal of Modern Physics A, 2018, 33, 1844022.	1.5	1
34	DoppelgÃnger dark energy: modified gravity with non-universal couplings after GW170817. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 029-029.	5.4	30
35	Galaxy rotation curves in modified gravity models. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 012-012.	5.4	24
36	Direct detection of gravitational waves can measure the time variation of the Planck mass. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 030-030.	5.4	58

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37	Structure formation in the Deser-Woodard nonlocal gravity model: a reappraisal. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 046-046.	5.4	30
38	Quantum gravity inspired nonlocal gravity model. Physical Review D, 2017, 96, .	4.7	15
39	Nonstandard gravitational waves imply gravitational slip: On the difficulty of partially hiding new gravitational degrees of freedom. Physical Review D, 2017, 95, .	4.7	24
40	Improving Fisher matrix forecasts for galaxy surveys: window function, bin cross-correlation and bin redshift uncertainty. Monthly Notices of the Royal Astronomical Society, 2017, 470, 688-705.	4.4	13
41	Quasilinear observables in dark energy cosmologies. Physical Review D, 2017, 95, .	4.7	1
42	Instabilities in tensorial nonlocal gravity. Physical Review D, 2017, 95, .	4.7	17
43	A spectre is haunting the cosmos: quantum stability of massive gravity with ghosts. Journal of High Energy Physics, 2016, 2016, 1.	4.7	11
44	Model-independent constraints on modified gravity from current data and from the Euclid and SKA future surveys. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	16
45	The effect of interacting dark energy on local measurements of the Hubble constant. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 035-035.	5.4	10
46	Cosmology with three interacting spin-2 fields. Physical Review D, 2016, 94, .	4.7	6
47	Dynamical analysis of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:mfrac><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mrow><mml:m Impact of initial conditions and constraints from supernovae. Physical Review D, 2016, 94, .	4.7	32
48	Efficient implementation of the time renormalization group. Physical Review D, 2016, 93, .	4.7	3
49	Fitting and forecasting coupled dark energy in the non-linear regime. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 045-045.	5.4	21
50	The general form of the coupled Horndeski Lagrangian that allows cosmological scaling solutions. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 035-035.	5.4	15
51	Optimizing parameter constraints: a new tool for Fisher matrix forecasts. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1490-1495.	4.4	9
52	Consistent metric combinations in cosmology of massive bigravity. Physical Review D, 2015, 92, .	4.7	18
53	The evolving perception of controversial movies. Palgrave Communications, 2015, 1, .	4.7	8
54	Surfing gravitational waves: can bigravity survive growing tensor modes?. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 052-052.	5.4	26

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55	Friction in gravitational waves: A test for early-time modified gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 353-357.	4.1	29
56	A cosmological exclusion plot: towards model-independent constraints on modified gravity from current and future growth rate data. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	5.4	13
57	How can we tell whether dark energy is composed of multiple fields?. Physical Review D, 2015, 92, .	4.7	14
58	Constraining the growth of perturbations with lensing of supernovae. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2845-2852.	4.4	10
59	Semi-analytical study on the generic degeneracy for galaxy clustering measurementsâ€“ERRATUM. Proceedings of the International Astronomical Union, 2014, 10, .	0.0	0
60	Stable and unstable cosmological models in bimetric massive gravity. Physical Review D, 2014, 90, .	4.7	92
61	Linear perturbation constraints on multi-coupled dark energy. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 045-045.	5.4	16
62	Breaking the spell of Gaussianity: forecasting with higher order Fisher matrices. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1831-1840.	4.4	55
63	Extensive search for systematic bias in supernova Ia data. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1855-1864.	4.4	20
64	Towards scaling cosmological solutions with full coupled Horndeski Lagrangian: the KGB model. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 041-041.	5.4	25
65	Viable cosmological solutions in massive bimetric gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	5.4	70
66	Instability in a minimal bimetric gravity model. Physical Review D, 2014, 90, .	4.7	58
67	Accurate weak lensing of standard candles. II. Measuring<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ïƒ</mml:mi></mml:mrow><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>supernovae. Physical Review D, 2014, 89, .	4.7	28
68	Multifield coupled quintessence. Physical Review D, 2014, 90, .	4.7	28
69	Model-independent constraints on the cosmological anisotropic stress. Physical Review D, 2014, 89, .	4.7	52
70	Anisotropic Stress as a Signature of Nonstandard Propagation of Gravitational Waves. Physical Review Letters, 2014, 113, 191101.	7.8	150
71	Effects of modified gravity on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-mode polarization. Physical Review D, 2014, 90, .	4.7	64
72	Semi-analytical study on the generic degeneracy for galaxy clustering measurements. Proceedings of the International Astronomical Union, 2014, 10, 347-350.	0.0	0

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73	Searching for bias and correlations in a Bayesian way - Example: SN Ia data. Proceedings of the International Astronomical Union, 2014, 10, 19-21.	0.0	1
74	Consistent perturbations in an imperfect fluid. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 004-004.	5.4	50
75	How early is early dark energy?. Physical Review D, 2013, 87, .	4.7	79
76	Cosmic Variance and the Measurement of the Local Hubble Parameter. Physical Review Letters, 2013, 110, 241305.	7.8	128
77	Supernova constraints on multi-coupled dark energy. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 042-042.	5.4	13
78	How real-time cosmology can distinguish between different anisotropic models. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 042-042.	5.4	7
79	Cosmology and Fundamental Physics with the Euclid Satellite. Living Reviews in Relativity, 2013, 16, 6.	26.7	683
80	Internal robustness: systematic search for systematic bias in SNÂIa data. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1867-1879.	4.4	28
81	Observables and unobservables in dark energy cosmologies. Physical Review D, 2013, 87, .	4.7	116
82	Probing dark energy through scale dependence. Physical Review D, 2013, 88, .	4.7	43
83	Accurate weak lensing of standard candles. I. Flexible cosmological fits. Physical Review D, 2013, 88, .	4.7	32
84	Real-time cosmology. Physics Reports, 2012, 521, 95-134.	25.6	77
85	The dark matter zoo: Still space for diversity. Annalen Der Physik, 2012, 524, A142.	2.4	1
86	Constraints on coupled dark energy using CMB data from WMAP and South Pole Telescope. Physical Review D, 2012, 86, .	4.7	67
87	Variation of fundamental parameters and dark energy: A principal component approach. Physical Review D, 2012, 86, .	4.7	35
88	Testing coupled dark energy with next-generation large-scale observations. Physical Review D, 2012, 85, .	4.7	51
89	Detecting stable massive neutral particles through particle lensing. Physical Review D, 2012, 85, .	4.7	1
90	Growth factor and galaxy bias from future redshift surveys: a study on parametrizations. Monthly Notices of the Royal Astronomical Society, 2012, 419, 985-997.	4.4	45

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91	Simultaneous constraints on bias, normalization and growth index through power spectrum measurements. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 423, L97-L101.	3.3	8
92	Unifying Einstein and Palatini gravities. Physical Review D, 2011, 83, .	4.7	83
93	Robustness to systematics for future dark energy probes. Monthly Notices of the Royal Astronomical Society, 2011, 415, 143-152.	4.4	31
94	Oscillating non-linear large-scale structures in growing neutrino quintessence. Monthly Notices of the Royal Astronomical Society, 2011, 418, 214-229.	4.4	21
95	Non-linear weak lensing forecasts. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 026-026.	5.4	19
96	Measuring our peculiar velocity on the CMB with high-multipole off-diagonal correlations. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 027-027.	5.4	55
97	Cosmological constant. , 2010, , 109-133.		1
98	Large-Scale Inhomogeneities May Improve the Cosmic Concordance of Supernovae. Physical Review Letters, 2010, 105, 121302.	7.8	38
99	Cosmic Degeneracies. , 2010, , .		1
100	Distinguishing between void models and dark energy with cosmic parallax and redshift drift. Physical Review D, 2010, 81, .	4.7	60
101	Fingerprinting dark energy. II. Weak lensing and galaxy clustering tests. Physical Review D, 2010, 82, .	4.7	36
102	Neutrino lumps and the cosmic microwave background. Physical Review D, 2010, 82, .	4.7	31
103	Possibility of Detecting Anisotropic Expansion of the Universe by Very Accurate Astrometry Measurements. Physical Review Letters, 2009, 102, 151302.	7.8	38
104	Cosmic parallax as a probe of late time anisotropic expansion. Physical Review D, 2009, 80, .	4.7	24
105	Cosmological constraints on the Hu-Sawicki modified gravity scenario. Physical Review D, 2009, 79, .	4.7	25
106	Peculiar acceleration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 81-86.	4.1	18
107	Phantom crossing, equation-of-state singularities, and local gravity constraints in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 125-132.	4.1	216
108	Quintessence cosmologies with a growing matter component. Physical Review D, 2008, 78, .	4.7	146

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109	Measuring the dark side (with weak lensing). Journal of Cosmology and Astroparticle Physics, 2008, 2008, 013.	5.4	313
110	Observational constraints on the linear fluctuation growth rate. Physical Review D, 2008, 77, .	4.7	97
111	Solar system constraints on Gaussâ€“Bonnet mediated dark energy. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 004-004.	5.4	78
112	Aref(R)Dark Energy Models Cosmologically Viable?. Physical Review Letters, 2007, 98, 131302.	7.8	438
113	POWER-LAWS f(R) THEORIES ARE COSMOLOGICALLY UNACCEPTABLE. International Journal of Modern Physics D, 2007, 16, 1555-1561.	2.1	94
114	Conditions for the cosmological viability off(R)dark energy models. Physical Review D, 2007, 75, .	4.7	574
115	Consequences of dark matter-dark energy interaction on cosmological parameters derived from typeÂIa supernova data. Physical Review D, 2007, 75, .	4.7	196
116	Challenges for scaling cosmologies. Physical Review D, 2006, 74, .	4.7	127
117	Supernova Legacy Survey data are consistent with acceleration atzâ‰ˆ3. Physical Review D, 2006, 74, .	4.7	26
118	Phantom damping of matter perturbations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 155-158.	4.1	92
119	Dark matter from an ultra-light pseudo-Goldsone-boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 192-196.	4.1	138
120	Constraints on Gaussâ€“Bonnet gravity in dark energy cosmologies. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 020-020.	5.4	90
121	Primordial Bubbles within Primordial Bubbles. Symposium - International Astronomical Union, 2005, 201, 497-498.	0.1	0
122	Effects of a Decaying Cosmological Fluctuation. Physical Review Letters, 2005, 94, 221303.	7.8	11
123	Testing for double inflation with WMAP. Physical Review D, 2005, 71, .	4.7	47
124	Skewness as a Test of the Equivalence Principle. Physical Review Letters, 2004, 92, 181102.	7.8	45
125	Phantom Energy Mediates a Long-Range Repulsive Force. Physical Review Letters, 2004, 93, 181102.	7.8	56
126	Linear and nonlinear perturbations in dark energy models. Physical Review D, 2004, 69, .	4.7	203

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127	Acceleration at z > 1?. Monthly Notices of the Royal Astronomical Society, 2003, 342, 221-226.	4.4	137
128	Tracking and coupled dark energy as seen by the Wilkinson Microwave Anisotropy Probe. Physical Review D, 2003, 68, .	4.7	230
129	Cosmic Microwave Background as a Gravity Probe. Astrophysical Journal, 2003, 583, L53-L56.	4.5	86
130	Baryon bias and structure formation in an accelerating universe. Physical Review D, 2002, 66, .	4.7	183
131	The Dependence of Cosmological Parameters Estimated from the Microwave Background on Nonâ€Gaussianity. Astrophysical Journal, 2002, 569, 595-599.	4.5	5
132	Stationary dark energy with a baryon-dominated era: Solving the coincidence problem with a linear coupling. Physical Review D, 2002, 65, .	4.7	121
133	Correlated Perturbations from Inflation and the Cosmic Microwave Background. Physical Review Letters, 2002, 88, 211302.	7.8	97
134	Stationary dark energy: The present universe as a global attractor. Physical Review D, 2001, 64, .	4.7	248
135	Dark Energy and the BOOMERANG Data. Physical Review Letters, 2001, 86, 196-199.	7.8	63
136	Perturbations in a coupled scalar field cosmology. Monthly Notices of the Royal Astronomical Society, 2000, 312, 521-530.	4.4	95
137	Coupled quintessence. Physical Review D, 2000, 62, .	4.7	1,412
138	Extended BCDM. , 1999, , .		2
139	Scaling solutions in general nonminimal coupling theories. Physical Review D, 1999, 60, .	4.7	509
140	First order phase transitions in cosmology. New Astronomy, 1999, 4, 339-351.	1.8	4
141	The Scale of Homogeneity in the Las Campanas Redshift Survey. Astrophysical Journal, 1999, 514, L1-L4.	4.5	24
142	Peaks and Rings on the Cosmic Microwave Background. Astrophysical Journal, 1998, 492, L5-L8.	4.5	11
143	Stochastic gravitational background from inflationary phase transitions. Physical Review D, 1997, 56, 4610-4617.	4.7	15
144	A bubbly universe. Physical Review D, 1997, 56, 7588-7596.	4.7	9

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145	Statistical Properties of the LEDA Redshift Database. Fractals, 1997, 05, 635-660.	3.7	7
146	Pure Geometrical Evolution of the Multidimensional Universe. Annals of Physics, 1996, 248, 246-285.	2.8	1
147	Anisotropic inflation from extra dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 45-52.	4.1	4
148	Reconciling inflation with openness. Physical Review D, 1996, 54, 4760-4763.	4.7	15
149	Reconstruction of the bubble nucleating potential. Physical Review D, 1996, 54, 7199-7206.	4.7	21
150	String cosmology and inflation. Physical Review D, 1995, 51, 1607-1616.	4.7	21
151	Matter Distribution for Power Spectra with Broken Scale Invariance. Astrophysical Journal, 1995, 451, 444.	4.5	7
152	Primordial bubbles from quadratic gravity. Physical Review D, 1994, 50, 4846-4852.	4.7	25
153	Quantum cosmology with a complex field. Physical Review D, 1994, 49, 1881-1885.	4.7	19
154	Non-gaussian statistics of pencil beam surveys. Astrophysical Journal, 1994, 430, L9.	4.5	11
155	Cosmology with nonminimal derivative couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 301, 175-182.	4.1	240
156	Inflationary attractors and perturbation spectra in generally coupled gravity. Physical Review D, 1993, 47, 4267-4272.	4.7	16
157	Observational constraints on primordial bubbles. Astrophysical Journal, 1993, 413, 39.	4.5	12
158	Coupling first-order phase transitions to curvature-squared inflation. Physical Review D, 1992, 45, 417-425.	4.7	26
159	THE PHASE-SPACE VIEW OF INFLATION II: FOURTH-ORDER MODELS. International Journal of Modern Physics D, 1992, 01, 615-639.	2.1	50
160	Generalized D-dimensional lagrangians and early gravitational waves. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 348-352.	4.1	7
161	THE PHASE-SPACE VIEW OF INFLATION I: THE NON-MINIMALLY COUPLED SCALAR FIELD. International Journal of Modern Physics A, 1990, 05, 3861-3886.	1.5	76
162	Stability of compactification during inflation. Physical Review D, 1990, 42, 1944-1949.	4.7	21

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163	Breaking scale invariance with quantum gravity. Astrophysical Journal, 1990, 349, 399.	4.5	9
164	Very large angular scales and very high energy physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 43-48.	4.1	12
165	Expansion history of the Universe. , 0, , 7-26.		0
166	Correlation function and power spectrum. , 0, , 27-39.		0
167	Observational evidence of dark energy. , 0, , 84-108.		1
168	Dark energy as a modified form of matter I: Quintessence. , 0, , 134-171.		0
169	Dark energy as a modified form of matter II. , 0, , 172-233.		2
170	Dark energy as a modification of gravity. , 0, , 234-284.		0
171	Cosmic acceleration without dark energy. , 0, , 285-295.		1
172	Dark energy and linear cosmological perturbations. , 0, , 296-335.		0
173	Non-linear cosmological perturbations. , 0, , 336-355.		0
174	Statistical methods in cosmology. , 0, , 356-382.		0
175	Future observational constraints on the nature of dark energy. , 0, , 383-426.		0
176	Answers to the problems. , 0, , 430-454.		0
177	Mathematical Appendix. , 0, , 455-456.		0
178	Basics of cosmological perturbation theory. , 0, , 40-83.		0