

# Andrew R Liddle

## List of Publications by Year in descending order

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240  
papers

19,839  
citations

16437

64  
h-index

14736

127  
g-index

247  
all docs

247  
docs citations

247  
times ranked

9053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exponential potentials and cosmological scaling solutions. <i>Physical Review D</i> , 1998, 57, 4686-4690.	1.6	1,065
2	False vacuum inflation with Einstein gravity. <i>Physical Review D</i> , 1994, 49, 6410-6433.	1.6	881
3	Reconstructing the inflaton potential—an overview. <i>Reviews of Modern Physics</i> , 1997, 69, 373-410.	16.4	694
4	Information criteria for astrophysical model selection. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 377, L74-L78.	1.2	644
5	New approach to the evolution of cosmological perturbations on large scales. <i>Physical Review D</i> , 2000, 62, .	1.6	631
6	The cold dark matter density perturbation. <i>Physics Reports</i> , 1993, 231, 1-105.	10.3	624
7	Formalizing the slow-roll approximation in inflation. <i>Physical Review D</i> , 1994, 50, 7222-7232.	1.6	522
8	Classification of scalar field potentials with cosmological scaling solutions. <i>Physical Review D</i> , 1998, 59, .	1.6	499
9	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	3.0	455
10	How long before the end of inflation were observable perturbations produced?. <i>Physical Review D</i> , 2003, 68, .	1.6	434
11	Assisted inflation. <i>Physical Review D</i> , 1998, 58, .	1.6	374
12	How many cosmological parameters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, L49-L53.	1.6	346
13	COBE, gravitational waves, inflation and extended inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 291, 391-398.	1.5	335
14	The cluster abundance in flat and open cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 281, 323-332.	1.6	303
15	Probing Inflation with CMB Polarization. , 2009, , .		252
16	A Nested Sampling Algorithm for Cosmological Model Selection. <i>Astrophysical Journal</i> , 2006, 638, L51-L54.	1.6	251
17	The Dearth of Halo Dwarf Galaxies: Is There Power on Short Scales?. <i>Physical Review Letters</i> , 2000, 84, 4525-4528.	2.9	202
18	Dark Energy Survey Year 1 Results: A Precise $H_0$ Estimate from DES Y1, BAO, and D/H Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3879-3888.	1.6	196

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19	Constraints on the density perturbation spectrum from primordial black holes. <i>Physical Review D</i> , 1997, 56, 6166-6174.	1.6	174
20	Perturbation spectra from intermediate inflation. <i>Physical Review D</i> , 1993, 47, R5219-R5223.	1.6	165
21	Steep inflation: Ending braneworld inflation by gravitational particle production. <i>Physical Review D</i> , 2001, 64, .	1.6	163
22	Cosmological parameter estimation and the inflationary cosmology. <i>Physical Review D</i> , 2002, 66, .	1.6	158
23	Reconstructing the inflaton potential: In principle and in practice. <i>Physical Review D</i> , 1993, 48, 2529-2547.	1.6	154
24	Enhancement of superhorizon scale inflationary curvature perturbations. <i>Physical Review D</i> , 2001, 64, .	1.6	152
25	THE STRUCTURE AND FORMATION OF BOSON STARS. <i>International Journal of Modern Physics D</i> , 1992, 01, 101-143.	0.9	149
26	The XMM Cluster Survey: A Massive Galaxy Cluster at $z = 1.45$ . <i>Astrophysical Journal</i> , 2006, 646, L13-L16.	1.6	148
27	A new view of $k$ -essence. <i>Physical Review D</i> , 2003, 67, .	1.6	146
28	The cosmology of black hole relics. <i>Physical Review D</i> , 1992, 46, 645-657.	1.6	144
29	A Serendipitous Galaxy Cluster Survey with XMM: Expected Catalog Properties and Scientific Applications. <i>Astrophysical Journal</i> , 2001, 547, 594-608.	1.6	139
30	Early assembly of the most massive galaxies. <i>Nature</i> , 2009, 458, 603-606.	13.7	138
31	New calculation of the mass fraction of primordial black holes. <i>Physical Review D</i> , 2004, 70, .	1.6	128
32	The XMM Cluster Survey: optical analysis methodology and the first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1024-1052.	1.6	124
33	Four-year COBE normalization of inflationary cosmologies. <i>Physical Review D</i> , 1996, 54, R5917-R5921.	1.6	120
34	Inflationary perturbations near horizon crossing. <i>Physical Review D</i> , 2001, 63, .	1.6	112
35	Hydrodynamical simulations of the Sunyaev-Zel'dovich effect: cluster scaling relations and X-ray properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 1401-1408.	1.6	110
36	THE XMM CLUSTER SURVEY: ACTIVE GALACTIC NUCLEI AND STARBURST GALAXIES IN XMMXCS J2215.9-1738 AT $z = 1.46$ . <i>Astrophysical Journal</i> , 2010, 718, 133-147.	1.6	110

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37	Simplest curvaton model. <i>Physical Review D</i> , 2002, 65, .	1.6	106
38	Constraining slow-roll inflation with WMAP and 2dF. <i>Physical Review D</i> , 2003, 68, .	1.6	105
39	k-essence and the coincidence problem. <i>Physical Review D</i> , 2003, 68, .	1.6	102
40	Exponential Potentials, Scaling Solutions and Inflation. <i>Annals of the New York Academy of Sciences</i> , 1993, 688, 647-652.	1.8	99
41	THE XMM-CLUSTER SURVEY: THE BUILD-UP OF STELLAR MASS IN BRIGHTEST CLUSTER GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2010, 718, 23-30.	1.6	99
42	Power-law inflation with exponential potentials. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 220, 502-508.	1.5	94
43	Hydrodynamical simulations of the Sunyaev-Zel'dovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 37-44.	1.6	92
44	Constraining the Matter Power Spectrum Normalization Using the Sloan Digital Sky Survey/ROSAT All-Sky Survey and REFLEX Cluster Surveys. <i>Astrophysical Journal</i> , 2002, 569, L75-L78.	1.6	89
45	Inflation, Dark Matter, and Dark Energy in the String Landscape. <i>Physical Review Letters</i> , 2006, 97, 161301.	2.9	89
46	Baryogenesis in extended inflation. II. Baryogenesis via primordial black holes. <i>Physical Review D</i> , 1991, 43, 984-994.	1.6	88
47	Cold dark matter models with a cosmological constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 282, 281-290.	1.6	88
48	Intermediate inflation in light of the three-year WMAP observations. <i>Physical Review D</i> , 2006, 74, .	1.6	85
49	Observing the inflaton potential. <i>Physical Review Letters</i> , 1993, 71, 219-222.	2.9	84
50	Bayesian model selection analysis of WMAP3. <i>Physical Review D</i> , 2006, 73, .	1.6	81
51	Model selection and multi-model inference. , 0, , 79-98.		80
52	THE XMM-CLUSTER SURVEY: GALAXY MORPHOLOGIES AND THE COLOR-MAGNITUDE RELATION IN XMMXCS J2215.9 -1738 AT $z = 1.46$ . <i>Astrophysical Journal</i> , 2009, 697, 436-451.	1.6	78
53	The XMM-Cluster Survey: testing chameleon gravity using the profiles of clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1171-1183.	1.6	77
54	Structure formation constraints on the Jordan-Brans-Dicke theory. <i>Physical Review D</i> , 2005, 71, .	1.6	75

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55	Tachyon dark energy models: Dynamics and constraints. <i>Physical Review D</i> , 2006, 74, .	1.6	75
56	Present and future evidence for evolving dark energy. <i>Physical Review D</i> , 2006, 74, .	1.6	75
57	Bayesian model selection and isocurvature perturbations. <i>Physical Review D</i> , 2005, 71, .	1.6	72
58	Super-horizon perturbations and preheating. <i>Physical Review D</i> , 2000, 61, .	1.6	71
59	Sunyaev-Zeldovich clusters in Millennium gas simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1999-2023.	1.6	70
60	Reconstructing the inflaton potential: Perturbative reconstruction to second order. <i>Physical Review D</i> , 1994, 49, 1840-1844.	1.6	69
61	Direct reconstruction of the quintessence potential. <i>Physical Review D</i> , 2005, 72, .	1.6	69
62	The XMM Cluster Survey: the interplay between the brightest cluster galaxy and the intracluster medium via AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2213-2229.	1.6	69
63	Inflationary flow equations. <i>Physical Review D</i> , 2003, 68, .	1.6	68
64	The evolution of clusters in the CLEF cosmological simulation: X-ray structural and scaling properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 317-334.	1.6	68
65	Perturbation evolution in cosmologies with a decaying cosmological constant. <i>Physical Review D</i> , 1998, 57, 674-684.	1.6	67
66	Oscillations in the inflaton potential?. <i>Physical Review D</i> , 2009, 79, .	1.6	65
67	Hyperextended inflation: Dynamics and constraints. <i>Physical Review D</i> , 1992, 45, 2665-2673.	1.6	64
68	Black hole constraints on the running-mass inflation model. <i>Physical Review D</i> , 2000, 62, .	1.6	64
69	Combined boson-fermion stars: Configurations and stability. <i>Nuclear Physics B</i> , 1990, 337, 737-761.	0.9	63
70	N-flation: Multifield inflationary dynamics and perturbations. <i>Physical Review D</i> , 2006, 74, .	1.6	63
71	The XMM Cluster Survey: X-ray analysis methodology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 14-53.	1.6	63
72	Combined boson-fermion stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 233, 99-106.	1.5	60

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73	Curvaton reheating: An application to braneworld inflation. <i>Physical Review D</i> , 2003, 68, .	1.6	59
74	Constraints on braneworld inflation from CMB anisotropies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 001-001.	1.9	59
75	The inflationary energy scale. <i>Physical Review D</i> , 1994, 49, 739-747.	1.6	57
76	Critical collapse and the primordial black hole initial mass function. <i>Physical Review D</i> , 1999, 60, .	1.6	56
77	Quintessence reconstructed: New constraints and tracker viability. <i>Physical Review D</i> , 2007, 75, .	1.6	55
78	Cosmic Microwave Background Anomalies in an Open Universe. <i>Physical Review Letters</i> , 2013, 111, 111302.	2.9	54
79	Primordial black holes in braneworld cosmologies: Accretion after formation. <i>Physical Review D</i> , 2002, 66, .	1.6	53
80	N-flation: Non-Gaussianity in the horizon-crossing approximation. <i>Physical Review D</i> , 2006, 74, .	1.6	53
81	The Impact of Cooling and Preheating on the Sunyaev-Zeldovich Effect. <i>Astrophysical Journal</i> , 2001, 561, L15-L18.	1.6	52
82	Primordial black holes in braneworld cosmologies: Formation, cosmological evolution, and evaporation. <i>Physical Review D</i> , 2002, 66, .	1.6	52
83	Model selection as a science driver for dark energy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1725-1734.	1.6	51
84	Cosmic microwave anisotropies from BPS semilocal strings. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 010.	1.9	51
85	Radiation-matter transition in Jordan-Brans-Dicke theory. <i>Physical Review D</i> , 1998, 58, .	1.6	50
86	Second-order reconstruction of the inflationary potential. <i>Physical Review D</i> , 1994, 50, 758-768.	1.6	49
87	Triple unification of inflation, dark matter, and dark energy using a single field. <i>Physical Review D</i> , 2008, 77, .	1.6	48
88	The XMM Cluster Survey: forecasting cosmological and cluster scaling-relation parameter constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 577-607.	1.6	48
89	Supermassive black holes in scalar field galaxy halos. <i>Physical Review D</i> , 2002, 66, .	1.6	47
90	Model selection in cosmology. <i>Astronomy and Geophysics</i> , 2006, 47, 4.30-4.33.	0.1	47

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91	Exploring a string-like landscape. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 026-026.	1.9	47
92	THE XMM-CLUSTER SURVEY: THE STELLAR MASS ASSEMBLY OF FOSSIL GALAXIES. <i>Astrophysical Journal</i> , 2012, 752, 12.	1.6	47
93	The gravitational redshift of boson stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 404, 25-32.	1.5	46
94	On what scale should inflationary observables be constrained?. <i>Physical Review D</i> , 2007, 75, .	1.6	46
95	Non-Gaussianity in Axion Inflation Models. <i>Physical Review Letters</i> , 2010, 105, 181302.	2.9	46
96	Perturbations in cosmologies with a scalar field and a perfect fluid. <i>Physical Review D</i> , 2004, 70, .	1.6	45
97	Can Topological Defects Mimic the BICEP2B-Mode Signal?. <i>Physical Review Letters</i> , 2014, 112, 171301.	2.9	45
98	The XMM-Cluster Survey: The Dynamical State of XMMXCS J2215.9+1738 at $z = 1.457$ . <i>Astrophysical Journal</i> , 2007, 670, 1000-1009.	1.6	44
99	Initial conditions for hybrid inflation. <i>Physical Review D</i> , 2000, 62, .	1.6	43
100	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE $z \approx 1.2$ . <i>Astrophysical Journal</i> , 2016, 816, 98.	1.6	43
101	Dynamics of assisted quintessence. <i>Physical Review D</i> , 2005, 72, .	1.6	42
102	Multi-field inflation with random potentials: field dimension, feature scale and non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 039-039.	1.9	42
103	Observational constraints on braneworld chaotic inflation. <i>Physical Review D</i> , 2003, 68, .	1.6	41
104	Multifield consequences for D-brane inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 020-020.	1.9	41
105	Unified dark energy and dark matter from a scalar field different from quintessence. <i>Physical Review D</i> , 2010, 81, .	1.6	40
106	Accurate determination of inflationary perturbations. <i>Physical Review D</i> , 1996, 54, 7191-7198.	1.6	39
107	Statistical Methods for Cosmological Parameter Selection and Estimation. <i>Annual Review of Nuclear and Particle Science</i> , 2009, 59, 95-114.	3.5	39
108	Stability of boson-fermion stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 251, 511-516.	1.5	38

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109	Pursuing parameters for critical-density dark matter models. Monthly Notices of the Royal Astronomical Society, 1996, 281, 531-551.	1.6	38
110	Cold dark matter models with high baryon content. Monthly Notices of the Royal Astronomical Society, 1996, 283, 107-118.	1.6	38
111	Inflationary potentials yielding constant scalar perturbation spectral indices. Physical Review D, 2004, 69, .	1.6	38
112	Extended inflation with a curvature-coupled inflaton. Physical Review D, 1994, 49, 1827-1839.	1.6	37
113	Hydrodynamical simulations of the Sunyaev-Zel'dovich effect: the kinetic effect. Monthly Notices of the Royal Astronomical Society, 2001, 326, 155-163.	1.6	37
114	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	1.6	37
115	Inflation during oscillations of the inflaton. Physical Review D, 1998, 58, .	1.6	36
116	Cosmological perturbations and the reionization epoch. Monthly Notices of the Royal Astronomical Society, 2004, 348, 105-110.	1.6	35
117	Open universe Grishchuk-Zel'dovich effect. Physical Review D, 1995, 52, 6750-6759.	1.6	34
118	Cosmic microwave background constraints on the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 1999, 308, 854-862.	1.6	34
119	Dynamics and perturbations in assisted chaotic inflation. Physical Review D, 2000, 61, .	1.6	34
120	Inflaton potential reconstruction in the braneworld scenario. Physical Review D, 2002, 65, .	1.6	34
121	Initial conditions for quintessence after inflation. Physical Review D, 2002, 66, .	1.6	33
122	Constraining the dark fluid. Physical Review D, 2009, 80, .	1.6	33
123	Can simulations reproduce the observed temperature-mass relation for clusters of galaxies?. Monthly Notices of the Royal Astronomical Society, 2002, 330, L48-L52.	1.6	32
124	Microwave background constraints on inflationary parameters. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1151-1156.	1.6	32
125	Brans - Dicke boson stars: configurations and stability through cosmic history. Classical and Quantum Gravity, 1998, 15, 3701-3718.	1.5	31
126	Gravitational memory of boson stars. Physical Review D, 1998, 57, 4821-4825.	1.6	31



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127	Primordial black holes in braneworld cosmologies: Astrophysical constraints. <i>Physical Review D</i> , 2003, 68, .	1.6	31
128	Formation Rate of Semilocal Strings. <i>Physical Review Letters</i> , 1999, 82, 3742-3745.	2.9	30
129	Comprehensive analysis of the simplest curvaton model. <i>Physical Review D</i> , 2014, 90, .	1.6	30
130	Primordial black hole constraints in cosmologies with early matter domination. <i>Physical Review D</i> , 1997, 56, 7559-7565.	1.6	29
131	Inflaton potential reconstruction without slow roll. <i>Physical Review D</i> , 2000, 61, .	1.6	29
132	AN EVOLUTIONARY PARADIGM FOR DUSTY ACTIVE GALAXIES AT LOW REDSHIFT. <i>Astrophysical Journal</i> , 2009, 700, 395-416.	1.6	29
133	Cosmological constraints from primordial black holes. <i>Physics Reports</i> , 1998, 307, 125-131.	10.3	28
134	Black holes and gravitational waves in string cosmology. <i>Physical Review D</i> , 1998, 58, .	1.6	28
135	Degeneracy between primordial tensor modes and cosmic strings in future CMB data from the Planck satellite. <i>Physical Review D</i> , 2008, 77, .	1.6	28
136	Detecting and distinguishing topological defects in future data from the CMBPol satellite. <i>Physical Review D</i> , 2011, 83, .	1.6	28
137	Observational constraints on K-inflation models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 011-011.	1.9	28
138	Constraining topological defects with temperature and polarization anisotropies. <i>Physical Review D</i> , 2014, 90, .	1.6	28
139	Cosmology of minimal varying Lambda theories. <i>Physical Review D</i> , 2019, 100, .	1.6	28
140	The power spectrum amplitude from clusters revisited: $\hat{\Lambda}8$ using simulations with pre-heating and cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 319-326.	1.6	27
141	The XMM Cluster Survey: evidence for energy injection at high redshift from evolution of the X-ray luminosity-temperature relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2086-2096.	1.6	27
142	Perturbation amplitude in isocurvature inflation scenarios. <i>Physical Review D</i> , 2000, 61, .	1.6	26
143	Cosmic microwave background multipole alignments in slab topologies. <i>Physical Review D</i> , 2006, 73, .	1.6	26
144	Model selection forecasts for the spectral index from the Planck satellite. <i>Physical Review D</i> , 2006, 73, .	1.6	26

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145	On the reliability of inflaton potential reconstruction. <i>Physical Review D</i> , 1998, 58, .	1.6	25
146	Inflationary slow-roll formalism and perturbations in the Randall-Sundrum type II braneworld. <i>Physical Review D</i> , 2004, 69, .	1.6	25
147	Structure formation from power law (and extended) inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 279, 244-249.	1.5	24
148	Baryogenesis in extended inflation. I. Baryogenesis via production and decay of supermassive bosons. <i>Physical Review D</i> , 1991, 43, 977-983.	1.6	23
149	Sunyaev-Zel'dovich predictions for the Planck Surveyor satellite using the Hubble Volume simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 835-844.	1.6	23
150	Evolution of large-scale perturbations in quintessence models. <i>Physical Review D</i> , 2002, 66, .	1.6	23
151	Neutron stars and extra dimensions. <i>Classical and Quantum Gravity</i> , 1990, 7, 1009-1021.	1.5	22
152	Unification models with reheating via primordial black holes. <i>Physical Review D</i> , 2012, 85, .	1.6	22
153	Can the gravitational wave background from inflation be detected locally?. <i>Physical Review D</i> , 1994, 49, 3805-3809.	1.6	21
154	False vacuum inflation with a quartic potential. <i>Physical Review D</i> , 1995, 51, 4122-4128.	1.6	21
155	Observational constraints on thawing quintessence models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1585-1590.	1.6	21
156	Inflation as the unique causal mechanism for generating density perturbations on scales well above the Hubble radius. <i>Physical Review D</i> , 1995, 51, R5347-R5351.	1.6	20
157	Conditions for successful extended inflation. <i>Physical Review D</i> , 1996, 54, 2557-2563.	1.6	20
158	Can Inflation be Falsified?. <i>General Relativity and Gravitation</i> , 1997, 29, 1503-1510.	0.7	20
159	Acceleration of the Universe. <i>New Astronomy Reviews</i> , 2001, 45, 235-253.	5.2	20
160	WMAP normalization of inflationary cosmologies. <i>Physical Review D</i> , 2006, 74, .	1.6	20
161	N-flation: Observable predictions from the random matrix mass spectrum. <i>Physical Review D</i> , 2007, 76, .	1.6	20
162	The Sunyaev-Zel'dovich temperature of the intracluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 2110-2114.	1.6	19

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163	Stability of multifield cosmological solutions. <i>Physical Review D</i> , 2008, 77, .	1.6	19
164	Optimizing baryon acoustic oscillation surveys - II. Curvature, redshifts and external data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2169-2180.	1.6	19
165	Observational constraints on Tachyon and DBI inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 044-044.	1.9	19
166	Zero-parameter extension of general relativity with a varying cosmological constant. <i>Physical Review D</i> , 2019, 100, .	1.6	19
167	Initial conditions for global texture. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 258, 310-317.	1.5	18
168	The evolution and persistence of dumbbells. <i>Journal of High Energy Physics</i> , 2002, 2002, 033-033.	1.6	18
169	Stochastic approaches to inflation model building. <i>Physical Review D</i> , 2005, 71, .	1.6	18
170	A separate universe view of the asymmetric sky. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 029-029.	1.9	18
171	The cosmological formation of boson stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 251, 507-510.	1.5	17
172	Open inflationary universes in the induced gravity theory. <i>Physical Review D</i> , 1997, 55, 609-615.	1.6	17
173	Non-Gaussianity in axion $N$ -flation models: Detailed predictions and mass spectra. <i>Physical Review D</i> , 2012, 85, .	1.6	17
174	Bayesian model averaging in astrophysics: a review. <i>Statistical Analysis and Data Mining</i> , 2013, 6, 3-14.	1.4	17
175	Testing gravity on cosmological scales with cosmic shear, cosmic microwave background anisotropies, and redshift-space distortions. <i>Physical Review D</i> , 2019, 99, .	1.6	17
176	Cosmological parameter estimation and the spectral index from inflation. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 1233-1238.	1.6	16
177	Consistency equation hierarchy in single-field inflation models. <i>Physical Review D</i> , 2006, 73, .	1.6	16
178	Semilocal string formation in two dimensions. <i>Physical Review D</i> , 1998, 57, 3742-3748.	1.6	15
179	From the production of primordial perturbations to the end of inflation. <i>Physical Review D</i> , 2004, 69, .	1.6	15
180	When can the Planck satellite measure spectral index running?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 489-493.	1.6	15

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181	Planck satellite constraints on pseudo-Nambu-Goldstone boson quintessence. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 023-023.	1.9	15
182	The lepton asymmetry: the last chance for a critical-density cosmology?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1307-1312.	1.6	14
183	Texture-induced microwave background anisotropies. <i>Physical Review D</i> , 1994, 50, 2469-2478.	1.6	13
184	Normalization of modes in an open universe. <i>Physical Review D</i> , 1997, 55, 4596-4602.	1.6	12
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