

Andrew R Liddle

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

239 papers	17,403 citations	63 h-index	126 g-index
247 ext. papers	18,478 ext. citations	5.4 avg, IF	6.79 L-index

#	Paper	IF	Citations
239	Assessing tension metrics with dark energy survey and Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 6179-6194	4.3	10
238	Zero-parameter extension of general relativity with a varying cosmological constant. <i>Physical Review D</i> , 2019 , 100,	4.9	15
237	Cosmology of minimal varying Lambda theories. <i>Physical Review D</i> , 2019 , 100,	4.9	20
236	Testing gravity on cosmological scales with cosmic shear, cosmic microwave background anisotropies, and redshift-space distortions. <i>Physical Review D</i> , 2019 , 99,	4.9	13
235	Dark Energy Survey Year 1 Results: A Precise H0 Estimate from DES Y1, BAO, and D/H Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3879-3888	4.3	136
234	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 239, 18	8	313
233	Planck satellite constraints on pseudo-Nambu-Goldstone boson quintessence. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017 , 2017, 023-023	6.4	10
232	The XMM Cluster Survey: the halo occupation number of BOSS galaxies in X-ray clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 1929-1943	4.3	5
231	Reconstructing thawing quintessence with multiple datasets. <i>Physical Review D</i> , 2016 , 93,	4.9	2
230	The XMM Cluster Survey: evolution of the velocity dispersion-temperature relation over half a Hubble time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 413-428	4.3	4
229	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE $z \sim 1.2$. <i>Astrophysical Journal</i> , 2016 , 816, 98	4.7	39
228	Cosmological signatures of time-asymmetric gravity. <i>Physical Review D</i> , 2016 , 94,	4.9	5
227	Curvaton scenarios with inflaton decays into curvatons. <i>Physical Review D</i> , 2016 , 94,	4.9	2
226	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	4.3	59
225	Tensors, BICEP2 results, prior dependence, and dust. <i>Physical Review D</i> , 2015 , 92,	4.9	4
224	Fitting BICEP2 with defects, primordial gravitational waves and dust. <i>Journal of Physics: Conference Series</i> , 2015 , 600, 012025	0.3	
223	A separate universe view of the asymmetric sky. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 029-029	6.4	18

222	The observational position of simple non-minimally coupled inflationary scenarios. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 052-052	6.4	1
221	Can topological defects mimic the BICEP2 B-mode signal?. <i>Physical Review Letters</i> , 2014 , 112, 171301	7.4	44
220	Observational constraints on Tachyon and DBI inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 044-044	6.4	17
219	Constraining topological defects with temperature and polarization anisotropies. <i>Physical Review D</i> , 2014 , 90,	4.9	26
218	Comprehensive analysis of the simplest curvaton model. <i>Physical Review D</i> , 2014 , 90,	4.9	25
217	Linear perturbations in viable $f(R)$ theories. <i>Physical Review D</i> , 2013 , 88,	4.9	10
216	Cosmic microwave background anomalies in an open universe. <i>Physical Review Letters</i> , 2013 , 111, 111302	7.4	48
215	Bayesian model averaging in astrophysics: a review. <i>Statistical Analysis and Data Mining</i> , 2013 , 6, 3-14	1.4	13
214	Sunyaev-Zeldovich clusters in Millennium gas simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 422, 1999-2023	4.3	61
213	The XMM Cluster Survey: predicted overlap with the Planck Cluster Catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 422, 1007-1013	4.3	4
212	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	4.3	60
211	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	4.3	115
210	Optimizing future dark energy surveys for model selection goals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 313-324	4.3	3
209	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	4.3	25
208	Unification models with reheating via primordial black holes. <i>Physical Review D</i> , 2012 , 85,	4.9	12
207	Non-Gaussianity in axion N-flation models: Detailed predictions and mass spectra. <i>Physical Review D</i> , 2012 , 85,	4.9	14
206	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	6.4	34
205	Multifield consequences for D-brane inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 020-020	6.4	35

204	Observational constraints on K-inflation models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 011-011	6.4	21
203	THEXMMCLUSTER SURVEY: THE STELLAR MASS ASSEMBLY OF FOSSIL GALAXIES. <i>Astrophysical Journal</i> , 2012 , 752, 12	4.7	42
202	Designing decisive detections. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 414, 2337-2344	4.3	10
201	The XMM Cluster Survey: X-ray analysis methodology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 14-53	4.3	59
200	Detecting and distinguishing topological defects in future data from the CMBPol satellite. <i>Physical Review D</i> , 2011 , 83,	4.9	27
199	On the prior dependence of constraints on the tensor-to-scalar ratio. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011 , 2011, 027-027	6.4	3
198	Exploring a string-like landscape. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011 , 2011, 026-026	6.4	41
197	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	4.3	15
196	Non-Gaussianity in axion N-flation models. <i>Physical Review Letters</i> , 2010 , 105, 181302	7.4	43
195	Dark energy view of inflation. <i>Physical Review D</i> , 2010 , 81,	4.9	10
194	Unified dark energy and dark matter from a scalar field different from quintessence. <i>Physical Review D</i> , 2010 , 81,	4.9	32
193	On the possibility of braneworld quintessential inflation. <i>Physical Review D</i> , 2010 , 81,	4.9	9
192	Stability of multifield cosmological solutions in the presence of a fluid. <i>Physical Review D</i> , 2010 , 82,	4.9	2
191	Application of Bayesian model averaging to measurements of the primordial power spectrum. <i>Physical Review D</i> , 2010 , 82,	4.9	10
190	THEXMMCLUSTER SURVEY: ACTIVE GALACTIC NUCLEI AND STARBURST GALAXIES IN XMMXCS J2215.9+738 ATz= 1.46. <i>Astrophysical Journal</i> , 2010 , 718, 133-147	4.7	103
189	THEXMMCLUSTER SURVEY: THE BUILD-UP OF STELLAR MASS IN BRIGHTEST CLUSTER GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2010 , 718, 23-30	4.7	94
188	AN EVOLUTIONARY PARADIGM FOR DUSTY ACTIVE GALAXIES AT LOW REDSHIFT. <i>Astrophysical Journal</i> , 2009 , 700, 395-416	4.7	24
187	Statistical Methods for Cosmological Parameter Selection and Estimation. <i>Annual Review of Nuclear and Particle Science</i> , 2009 , 59, 95-114	15.7	33

186	Observational constraints on thawing quintessence models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 1585-1590	4.3	19
185	TheXMMCluster Survey: forecasting cosmological and cluster scaling-relation parameter constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 577-607	4.3	48
184	Early assembly of the most massive galaxies. <i>Nature</i> , 2009 , 458, 603-6	50.4	128
183	Viable inflationary models ending with a first-order phase transition. <i>Physical Review D</i> , 2009 , 80,	4.9	6
182	Constraining the dark fluid. <i>Physical Review D</i> , 2009 , 80,	4.9	31
181	Oscillations in the inflaton potential?. <i>Physical Review D</i> , 2009 , 79,	4.9	60
180	Probing Inflation with CMB Polarization 2009 ,		236
179	THEXMMCLUSTER SURVEY: GALAXY MORPHOLOGIES AND THE COLOR-MAGNITUDE RELATION IN XMMXCS J2215.9 +738 ATz= 1.46. <i>Astrophysical Journal</i> , 2009 , 697, 436-451	4.7	72
178	The Primordial Density Perturbation: Cosmology, Inflation and the Origin of Structure 2009 ,		378
177	The Sunyaev-Zel'dovich temperature of the intracluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 2110-2114	4.3	16
176	Planck and re-ionization history: a model selection view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 389, 231-236	4.3	10
175	Stability of multifield cosmological solutions. <i>Physical Review D</i> , 2008 , 77,	4.9	18
174	Degeneracy between primordial tensor modes and cosmic strings in future CMB data from the Planck satellite. <i>Physical Review D</i> , 2008 , 77,	4.9	26
173	Cosmic microwave anisotropies from BPS semilocal strings. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008 , 2008, 010	6.4	46
172	Triple unification of inflation, dark matter, and dark energy using a single field. <i>Physical Review D</i> , 2008 , 77,	4.9	38
171	N-flation: Observable predictions from the random matrix mass spectrum. <i>Physical Review D</i> , 2007 , 76,	4.9	18
170	Quintessence reconstructed: New constraints and tracker viability. <i>Physical Review D</i> , 2007 , 75,	4.9	53
169	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	4.3	66

168	When can the Planck satellite measure spectral index running?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 381, 489-493	4.3	15
167	Information criteria for astrophysical model selection. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007 , 377, L74-L78	4.3	494
166	On what scale should inflationary observables be constrained?. <i>Physical Review D</i> , 2007 , 75,	4.9	45
165	The XMM Cluster Survey: The Dynamical State of XMMXCS J2215.9-738 at $z = 1.457$. <i>Astrophysical Journal</i> , 2007 , 670, 1000-1009	4.7	44
164	Model selection forecasts for the spectral index from the Planck satellite. <i>Physical Review D</i> , 2006 , 73,	4.9	25
163	Inflation, dark matter, and dark energy in the string landscape. <i>Physical Review Letters</i> , 2006 , 97, 161301	7.4	79
162	Tachyon dark energy models: Dynamics and constraints. <i>Physical Review D</i> , 2006 , 74,	4.9	66
161	Present and future evidence for evolving dark energy. <i>Physical Review D</i> , 2006 , 74,	4.9	69
160	Intermediate inflation in light of the three-year WMAP observations. <i>Physical Review D</i> , 2006 , 74,	4.9	83
159	Consistency equation hierarchy in single-field inflation models. <i>Physical Review D</i> , 2006 , 73,	4.9	16
158	Bayesian model selection analysis of WMAP3. <i>Physical Review D</i> , 2006 , 73,	4.9	76
157	WMAP normalization of inflationary cosmologies. <i>Physical Review D</i> , 2006 , 74,	4.9	20
156	N-flaton: Non-Gaussianity in the horizon-crossing approximation. <i>Physical Review D</i> , 2006 , 74,	4.9	48
155	N-flaton: Multifield inflationary dynamics and perturbations. <i>Physical Review D</i> , 2006 , 74,	4.9	54
154	Cosmic microwave background multipole alignments in slab topologies. <i>Physical Review D</i> , 2006 , 73,	4.9	26
153	The XMM Cluster Survey: A Massive Galaxy Cluster at $z = 1.45$. <i>Astrophysical Journal</i> , 2006 , 646, L13-L16	4.7	146
152	A Nested Sampling Algorithm for Cosmological Model Selection. <i>Astrophysical Journal</i> , 2006 , 638, L51-L54	4.7	209
151	Model selection in cosmology. <i>Astronomy and Geophysics</i> , 2006 , 47, 4.30-4.33	0.2	44

150	Model selection as a science driver for dark energy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 369, 1725-1734	4.3	48
149	Cosmic reionization constraints on the nature of cosmological perturbations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 371, 1755-1759	4.3	4
148	Braneworld flow equations. <i>Physical Review D</i> , 2005 , 71,	4.9	4
147	Structure formation constraints on the Jordan-Brans-Dicke theory. <i>Physical Review D</i> , 2005 , 71,	4.9	66
146	Direct reconstruction of the quintessence potential. <i>Physical Review D</i> , 2005 , 72,	4.9	65
145	Dynamics of assisted quintessence. <i>Physical Review D</i> , 2005 , 72,	4.9	34
144	Stochastic approaches to inflation model building. <i>Physical Review D</i> , 2005 , 71,	4.9	17
143	Clusters of galaxies: new results from the CLEF hydrodynamics simulation. <i>Advances in Space Research</i> , 2005 , 36, 694-697	2.4	2
142	Bayesian model selection and isocurvature perturbations. <i>Physical Review D</i> , 2005 , 71,	4.9	66
141	Flow equations in generalized braneworld scenarios. <i>Physical Review D</i> , 2005 , 72,	4.9	6
140	From the production of primordial perturbations to the end of inflation. <i>Physical Review D</i> , 2004 , 69,	4.9	13
139	Inflationary slow-roll formalism and perturbations in the Randall-Sundrum type II braneworld. <i>Physical Review D</i> , 2004 , 69,	4.9	25
138	Perturbations in cosmologies with a scalar field and a perfect fluid. <i>Physical Review D</i> , 2004 , 70,	4.9	44
137	New calculation of the mass fraction of primordial black holes. <i>Physical Review D</i> , 2004 , 70,	4.9	100
136	Cosmological perturbations and the reionization epoch. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 348, 105-110	4.3	34
135	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	4.3	107
134	How many cosmological parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 351, L49-L53	4.3	302
133	Constraints on braneworld inflation from CMB anisotropies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004 , 2004, 001-001	6.4	57

132	Inflationary potentials yielding constant scalar perturbation spectral indices. <i>Physical Review D</i> , 2004 , 69,	4.9	37
131	The power spectrum amplitude from clusters revisited: Ω_B using simulations with pre-heating and cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 346, 319-326	4.3	27
130	Microwave background constraints on inflationary parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 341, 1151-1156	4.3	32
129	k-essence and the coincidence problem. <i>Physical Review D</i> , 2003 , 68,	4.9	91
128	Constraining slow-roll inflation with WMAP and 2dF. <i>Physical Review D</i> , 2003 , 68,	4.9	102
127	How long before the end of inflation were observable perturbations produced?. <i>Physical Review D</i> , 2003 , 68,	4.9	362
126	Inflationary flow equations. <i>Physical Review D</i> , 2003 , 68,	4.9	63
125	Observational constraints on braneworld chaotic inflation. <i>Physical Review D</i> , 2003 , 68,	4.9	39
124	A new view of k-essence. <i>Physical Review D</i> , 2003 , 67,	4.9	129
123	Curvaton reheating: An application to braneworld inflation. <i>Physical Review D</i> , 2003 , 68,	4.9	54
122	Primordial black holes in braneworld cosmologies: Astrophysical constraints. <i>Physical Review D</i> , 2003 , 68,	4.9	28
121	Constraining the Matter Power Spectrum Normalization Using the Sloan Digital Sky Survey/[ITAL]ROSAT[/ITAL] All-Sky Survey and REFLEX Cluster Surveys. <i>Astrophysical Journal</i> , 2002 , 569, L75-L78	4.7	87
120	Can simulations reproduce the observed temperature-mass relation for clusters of galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 330, L48-L52	4.3	32
119	Primordial black holes in braneworld cosmologies: Formation, cosmological evolution, and evaporation. <i>Physical Review D</i> , 2002 , 66,	4.9	52
118	Inflaton potential reconstruction in the braneworld scenario. <i>Physical Review D</i> , 2002 , 65,	4.9	31
117	Simplest curvaton model. <i>Physical Review D</i> , 2002 , 65,	4.9	100
116	Supermassive black holes in scalar field galaxy halos. <i>Physical Review D</i> , 2002 , 66,	4.9	34
115	Initial conditions for quintessence after inflation. <i>Physical Review D</i> , 2002 , 66,	4.9	32

114	Primordial black holes in braneworld cosmologies: Accretion after formation. <i>Physical Review D</i> , 2002 , 66,	4.9	47
113	Cosmological parameter estimation and the inflationary cosmology. <i>Physical Review D</i> , 2002 , 66,	4.9	144
112	Evolution of large-scale perturbations in quintessence models. <i>Physical Review D</i> , 2002 , 66,	4.9	23
111	Inflationary cosmology: theory and phenomenology. <i>Classical and Quantum Gravity</i> , 2002 , 19, 3391-3401	3.3	4
110	The evolution and persistence of dumbbells. <i>Journal of High Energy Physics</i> , 2002 , 2002, 033-033	5.4	16
109	The Big Bang: status and prospects. <i>European Review</i> , 2002 , 10, 221-236	0.3	1
108	The Impact of Cooling and Preheating on the Sunyaev-Zeldovich Effect. <i>Astrophysical Journal</i> , 2001 , 561, L15-L18	4.7	50
107	The effect of reionization on the COBE normalization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 324, 769-771	4.3	5
106	Apparent and actual galaxy cluster temperatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 325, 875-880	4.3	6
105	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	4.3	23
104	Hydrodynamical simulations of the Sunyaev-Zel'dovich effect: the kinetic effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 326, 155-163	4.3	33
103	The lepton asymmetry: the last chance for a critical-density cosmology?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 327, 1307-1312	4.3	14
102	Acceleration of the Universe. <i>New Astronomy Reviews</i> , 2001 , 45, 235-253	7.9	16
101	Steep inflation: Ending braneworld inflation by gravitational particle production. <i>Physical Review D</i> , 2001 , 64,	4.9	151
100	Inflationary perturbations near horizon crossing. <i>Physical Review D</i> , 2001 , 63,	4.9	100
99	Gravitino production in the warm inflationary scenario. <i>Physical Review D</i> , 2001 , 64,	4.9	7
98	Enhancement of superhorizon scale inflationary curvature perturbations. <i>Physical Review D</i> , 2001 , 64,	4.9	127
97	A Serendipitous Galaxy Cluster Survey with XMM: Expected Catalog Properties and Scientific Applications. <i>Astrophysical Journal</i> , 2001 , 547, 594-608	4.7	130

96	Hydrodynamical simulations of the Sunyaev-Zel'dovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000 , 317, 37-44	4.3	89
95	Super-horizon perturbations and preheating. <i>Physical Review D</i> , 2000 , 61,	4.9	65
94	Dynamics and perturbations in assisted chaotic inflation. <i>Physical Review D</i> , 2000 , 61,	4.9	30
93	Inflaton potential reconstruction without slow roll. <i>Physical Review D</i> , 2000 , 61,	4.9	29
92	Black hole constraints on the running-mass inflation model. <i>Physical Review D</i> , 2000 , 62,	4.9	59
91	The dearth of halo dwarf galaxies: is there power on short scales?. <i>Physical Review Letters</i> , 2000 , 84, 4525-4	4.9	190
90	Initial conditions for hybrid inflation. <i>Physical Review D</i> , 2000 , 62,	4.9	41
89	Perturbation amplitude in isocurvature inflation scenarios. <i>Physical Review D</i> , 2000 , 61,	4.9	21
88	New approach to the evolution of cosmological perturbations on large scales. <i>Physical Review D</i> , 2000 , 62,	4.9	546
87	Cosmological Inflation and Large-Scale Structure 2000 ,		1173
86	Formation Rate of Semilocal Strings. <i>Physical Review Letters</i> , 1999 , 82, 3742-3745	7.4	28
85	Critical collapse and the primordial black hole initial mass function. <i>Physical Review D</i> , 1999 , 60,	4.9	42
84	Early cosmology and the stochastic gravitational wave background. <i>Physical Review D</i> , 1999 , 60,	4.9	10
83	Cosmic microwave background constraints on the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 308, 854-862	4.3	34
82	Structure Formation with Scalar Fields 1999 , 291-294		
81	Inflation and the Cosmic Microwave Background 1999 , 281-290		
80	Inflation and the Cosmic Microwave Background. <i>Astrophysics and Space Science</i> , 1998 , 261, 281-290	1.6	2
79	Structure Formation with Scalar Fields. <i>Astrophysics and Space Science</i> , 1998 , 261, 291-294	1.6	4

78	Black Holes and Gravitational Waves in Concert: A Probe of Superstring Cosmology. <i>General Relativity and Gravitation</i> , 1998 , 30, 1711-1715	2.3	2
77	On the formation of non-topological string networks. <i>Physica B: Condensed Matter</i> , 1998 , 255, 116-125	2.8	2
76	Cosmological parameter estimation and the spectral index from inflation. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 298, 1233-1238	4.3	9
75	Inflation and the cosmic microwave background. <i>Physics Reports</i> , 1998 , 307, 53-60	27.7	6
74	Cosmological constraints from primordial black holes. <i>Physics Reports</i> , 1998 , 307, 125-131	27.7	26
73	Fingerprinting the Universe- Future cosmic microwave background experiments. <i>Contemporary Physics</i> , 1998 , 39, 95-105	3.3	5
72	Brans - Dicke boson stars: configurations and stability through cosmic history. <i>Classical and Quantum Gravity</i> , 1998 , 15, 3701-3718	3.3	30
71	Semilocal string formation in two dimensions. <i>Physical Review D</i> , 1998 , 57, 3742-3748	4.9	13
70	Classification of scalar field potentials with cosmological scaling solutions. <i>Physical Review D</i> , 1998 , 59,	4.9	464
69	Black holes and gravitational waves in string cosmology. <i>Physical Review D</i> , 1998 , 58,	4.9	27
68	Exponential potentials and cosmological scaling solutions. <i>Physical Review D</i> , 1998 , 57, 4686-4690	4.9	909
67	On the reliability of inflaton potential reconstruction. <i>Physical Review D</i> , 1998 , 58,	4.9	23
66	Inflation during oscillations of the inflaton. <i>Physical Review D</i> , 1998 , 58,	4.9	29
65	Gravitational memory of boson stars. <i>Physical Review D</i> , 1998 , 57, 4821-4825	4.9	31
64	Radiation-matter transition in Jordan-Brans-Dicke theory. <i>Physical Review D</i> , 1998 , 58,	4.9	49
63	Perturbation evolution in cosmologies with a decaying cosmological constant. <i>Physical Review D</i> , 1998 , 57, 674-684	4.9	65
62	Assisted inflation. <i>Physical Review D</i> , 1998 , 58,	4.9	349
61	Cosmological parameter estimation and the spectral index from inflation. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 298, 1233-1238	4.3	15

60	Open inflationary universes in the induced gravity theory. <i>Physical Review D</i> , 1997 , 55, 609-615	4.9	16
59	Instability of the one-texture universe. <i>Physical Review D</i> , 1997 , 56, 2051-2056	4.9	2
58	Complete power spectrum for an induced gravity open inflation model. <i>Physical Review D</i> , 1997 , 55, 4603-4613	4.9	11
57	Normalization of modes in an open universe. <i>Physical Review D</i> , 1997 , 55, 4596-4602	4.9	10
56	Primordial black hole constraints in cosmologies with early matter domination. <i>Physical Review D</i> , 1997 , 56, 7559-7565	4.9	23
55	Constraints on the density perturbation spectrum from primordial black holes. <i>Physical Review D</i> , 1997 , 56, 6166-6174	4.9	159
54	Reconstructing the inflaton potential—an overview. <i>Reviews of Modern Physics</i> , 1997 , 69, 373-410	4.0.5	640
53	Can Inflation be Falsified?. <i>General Relativity and Gravitation</i> , 1997 , 29, 1503-1510	2.3	17
52	The gravitational redshift of boson stars. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 25-32	4.2	41
51	The cluster abundance in flat and open cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996 , 281, 323-332	4.3	286
50	Cold dark matter models with high baryon content. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996 , 283, 107-118	4.3	35
49	Accurate determination of inflationary perturbations. <i>Physical Review D</i> , 1996 , 54, 7191-7198	4.9	36
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