

Bharat Ratra

List of Publications by Year in descending order

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137
papers

15,878
citations

44444

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17891

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138
docs citations

138
times ranked

4369
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardizing Dainotti-correlated gamma-ray bursts, and using them with standardized Amati-correlated gamma-ray bursts to constrain cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2928-2947.	1.6	41
2	Standardizing Platinum Dainotti-correlated gamma-ray bursts, and using them with standardized Amati-correlated gamma-ray bursts to constrain cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2022, 512, 439-454.	1.6	40
3	Do reverberation-measured $H\dot{1}^2$ quasars provide a useful test of cosmology?. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1985-2005.	1.6	21
4	Do quasar X-ray and UV flux measurements provide a useful test of cosmological models?. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2753-2772.	1.6	40
5	Consistency study of high- and low-accreting $Mg\dot{\%}\langle scp \rangle ii \langle /scp \rangle$ quasars: no significant effect of the $Fe\dot{\%}\langle scp \rangle ii \langle /scp \rangle$ to $Mg\dot{\%}\langle scp \rangle ii \langle /scp \rangle$ flux ratio on the radius- $\dot{\%}\langle scp \rangle luminosity$ relation dispersion. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3729-3748.	1.6	16
6	Standardizing reverberation-measured Mg II time-lag quasars, by using the radius- $\dot{\%}\langle scp \rangle luminosity$ relation, and constraining cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4722-4737.	1.6	29
7	Determining the range of validity of quasar X-ray and UV flux measurements for constraining cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6140-6156.	1.6	54
8	Using Pantheon and DES supernova, baryon acoustic oscillation, and Hubble parameter data to constrain the Hubble constant, dark energy dynamics, and spatial curvature. Monthly Notices of the Royal Astronomical Society, 2021, 504, 300-310.	1.6	57
9	Do gamma-ray burst measurements provide a useful test of cosmological models?. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 042.	1.9	37
10	Cosmological constraints from $H\dot{\%}\langle scp \rangle ii \langle /scp \rangle$ starburst galaxy, quasar angular size, and other measurements. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4745-4757.	1.6	20
11	Constraints on cosmological parameters from gamma-ray burst peak photon energy and bolometric fluence measurements and other data. Monthly Notices of the Royal Astronomical Society, 2020, 499, 391-403.	1.6	48
12	Using quasar X-ray and UV flux measurements to constrain cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2020, 497, 263-278.	1.6	63
13	Using SPT polarization, $\langle i \rangle Planck \langle /i \rangle$ 2015, and non-CMB data to constrain tilted spatially-flat and untilted nonflat $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi mathvariant="normal" \rangle \dot{\%}\langle scp \rangle CDM \langle /mml:mi \rangle \langle /mml:math \rangle$, $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle \dot{\%}\langle scp \rangle CDM \langle /mml:mi \rangle \langle /mml:math \rangle$ dark energy inflation	1.6	40
14	CMB distance priors revisited: effects of dark energy dynamics, spatial curvature, primordial power spectrum, and neutrino parameters. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 009-009.	1.9	15
15	Cosmological constraints from $H\dot{\%}\langle scp \rangle ii \langle /scp \rangle$ starburst galaxy apparent magnitude and other cosmological measurements. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3191-3203.	1.6	45
16	Gaussian processes, median statistics, Milky Way rotation curves. Astrophysics and Space Science, 2020, 365, 1.	0.5	3
17	Quasar X-ray and UV flux, baryon acoustic oscillation, and Hubble parameter measurement constraints on cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4456-4468.	1.6	61
18	Cosmological constraints from higher redshift gamma-ray burst, $H\dot{\%}\langle scp \rangle ii \langle /scp \rangle$ starburst galaxy, and quasar (and other) data. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1520-1538.	1.6	38

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19	Measuring the Hubble constant and spatial curvature from supernova apparent magnitude, baryon acoustic oscillation, and Hubble parameter data. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	53
20	First study of reionization in tilted flat and untilted non-flat dynamical dark energy inflation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5118-5128.	1.6	15
21	Planck 2015 constraints on spatially-flat dynamical dark energy models. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	38
22	Using the Tilted flat- Λ CDM and the Untilted Non-flat Λ CDM Inflation Models to Measure Cosmological Parameters from a Compilation of Observational Data. <i>Astrophysical Journal</i> , 2019, 882, 158.	1.6	69
23	Baryon acoustic oscillation, Hubble parameter, and angular size measurement constraints on the Hubble constant, dark energy dynamics, and spatial curvature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3844-3856.	1.6	80
24	Cosmological magnetic braking and the formation of high-redshift, super-massive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1629-1640.	1.6	8
25	Observational constraints on the tilted flat- Λ CDM and the untilted nonflat Λ CDM dynamical dark energy inflation parameterizations. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	52
26	Median Statistics Estimate of the Distance to the Galactic Center. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 024101.	1.0	44
27	Hubble Parameter and Baryon Acoustic Oscillation Measurement Constraints on the Hubble Constant, the Deviation from the Spatially Flat Λ CDM Model, the Deceleration to Acceleration Transition Redshift, and Spatial Curvature. <i>Astrophysical Journal</i> , 2018, 856, 3.	1.6	222
28	Observational Constraints on the Tilted Spatially Flat and the Untilted Nonflat Λ CDM Dynamical Dark Energy Inflation Models. <i>Astrophysical Journal</i> , 2018, 868, 83.	1.6	69
29	Median statistics estimate of the galactic rotational velocity. <i>Astrophysics and Space Science</i> , 2018, 363, 1.	0.5	9
30	Planck 2015 Constraints on the Non-flat Λ CDM Inflation Model. <i>Astrophysical Journal</i> , 2018, 869, 34.	1.6	47
31	Median Statistics Analysis of Deuterium Abundance Measurements and Spatial Curvature Constraints. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114001.	1.0	16
32	First study of reionization in the Planck 2015 normalized closed Λ CDM inflation model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4566-4576.	1.6	24
33	Planck 2015 Constraints on the Nonflat Λ CDM Inflation Model. <i>Astrophysical Journal</i> , 2018, 866, 68.	1.6	51
34	Planck 2015 Constraints on the Non-flat Λ CDM Inflation Model. <i>Astrophysical Journal</i> , 2018, 864, 80.	1.6	76
35	Constraints on dark energy dynamics and spatial curvature from Hubble parameter and baryon acoustic oscillation data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 759-767.	1.6	91
36	DETERMINING THE HUBBLE CONSTANT FROM HUBBLE PARAMETER MEASUREMENTS. <i>Astrophysical Journal</i> , 2017, 835, 86.	1.6	112

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37	HUBBLE PARAMETER MEASUREMENT CONSTRAINTS ON THE REDSHIFT OF THE DECELERATION-ACCELERATION TRANSITION, DYNAMICAL DARK ENERGY, AND SPACE CURVATURE. <i>Astrophysical Journal</i> , 2017, 835, 26.	1.6	281
38	Inflation in a closed universe. <i>Physical Review D</i> , 2017, 96, .	1.6	41
39	CONSTRAINTS ON NON-FLAT COSMOLOGIES WITH MASSIVE NEUTRINOS AFTER PLANCK-2015. <i>Astrophysical Journal</i> , 2016, 829, 61.	1.6	59
40	NON-GAUSSIAN ERROR DISTRIBUTIONS OF LMC DISTANCE MODULI MEASUREMENTS. <i>Astrophysical Journal</i> , 2015, 815, 87.	1.6	20
41	Non-Gaussian error distribution of 7Li abundance measurements. <i>Modern Physics Letters A</i> , 2015, 30, 1550123.	0.5	16
42	Observational constraints on non-flat dynamical dark energy cosmological models. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	0.5	49
43	Cosmographic bounds on the cosmological deceleration-acceleration transition redshift in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mrow \rangle \langle mml:mi \rangle f \langle /mml:mi \rangle \langle mml:mo stretchy="false" \rangle \langle /mml:mo \rangle \langle mml:mi \rangle T_j ETQq1 1 0.784314 rg05 /Ove$		
44	Cosmological constraints from large-scale structure growth rate measurements. <i>Physical Review D</i> , 2014, 90, .	1.6	18
45	Median statistics cosmological parameter values. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 732, 330-334.	1.5	16
46	Binned Hubble parameter measurements and the cosmological deceleration- acceleration transition. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 72-82.	1.5	70
47	HUBBLE PARAMETER MEASUREMENT CONSTRAINTS ON DARK ENERGY. <i>Astrophysical Journal</i> , 2013, 764, 138.	1.6	72
48	HUBBLE PARAMETER MEASUREMENT CONSTRAINTS ON THE COSMOLOGICAL DECELERATION-ACCELERATION TRANSITION REDSHIFT. <i>Astrophysical Journal Letters</i> , 2013, 766, L7.	3.0	280
49	Constraints on dark energy from the $L_{y1\pm}$ forest baryon acoustic oscillations measurement of the redshift 2.3 Hubble parameter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 1-6.	1.5	19
50	Nonflat time-variable dark energy cosmology. <i>Physical Review D</i> , 2013, 88, .	1.6	53
51	Impact of H_0 prior on the evidence for dark radiation. <i>Physical Review D</i> , 2012, 86, .	1.6	46
52	FORECASTING COSMOLOGICAL PARAMETER CONSTRAINTS FROM NEAR-FUTURE SPACE-BASED GALAXY SURVEYS. <i>Astrophysical Journal</i> , 2012, 760, 19.	1.6	12
53	Constraints on dark energy from H II starburst galaxy apparent magnitude versus redshift data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 715, 9-14.	1.5	41
54	Galaxy cluster number count data constraints on cosmological parameters. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	36

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55	Quark-hadron phase transition in a chameleon Brans-Dicke model of brane gravity. <i>Physical Review D</i> , 2012, 86, .	1.6	13
56	Evolution of inflation-generated magnetic field through phase transitions. <i>Physical Review D</i> , 2012, 86, .	1.6	38
57	Median Statistics and the Hubble Constant. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 1127-1132.	1.0	126
58	PHASE TRANSITION GENERATED COSMOLOGICAL MAGNETIC FIELD AT LARGE SCALES. <i>Astrophysical Journal</i> , 2011, 726, 78.	1.6	40
59	Hubble parameter data constraints on dark energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 703, 406-411.	1.5	54
60	Time and distance constraints on accelerating cosmological models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 239-245.	1.5	18
61	Constraints on dark energy from the lookback time versus redshift test. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 693, 509-514.	1.5	31
62	CONSTRAINING DARK ENERGY WITH GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2010, 714, 1347-1354.	1.6	58
63	Primordial magnetic field limits from cosmological data. <i>Physical Review D</i> , 2010, 82, .	1.6	64
64	Numerical simulations of the decay of primordial magnetic turbulence. <i>Physical Review D</i> , 2010, 81, .	1.6	41
65	CONSTRAINTS ON DARK ENERGY MODELS FROM RADIAL BARYON ACOUSTIC SCALE MEASUREMENTS. <i>Astrophysical Journal</i> , 2009, 701, 1373-1380.	1.6	11
66	CONSTRAINTS ON DARK ENERGY FROM BARYON ACOUSTIC PEAK AND GALAXY CLUSTER GAS MASS MEASUREMENTS. <i>Astrophysical Journal</i> , 2009, 703, 1904-1910.	1.6	13
67	The Beginning and Evolution of the Universe. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 235-265.	1.0	81
68	Gravitational radiation from primordial helical inverse cascade magnetohydrodynamic turbulence. <i>Physical Review D</i> , 2008, 78, .	1.6	85
69	CMB temperature anisotropy from broken spatial isotropy due to a homogeneous cosmological magnetic field. <i>Physical Review D</i> , 2008, 78, .	1.6	72
70	Gravitational Radiation from Primordial Helical Magnetohydrodynamic Turbulence. <i>Physical Review Letters</i> , 2008, 100, 231301.	2.9	29
71	Constraints on Dark Energy from Galaxy Cluster Gas Mass Fraction versus Redshift Data. <i>Astrophysical Journal</i> , 2008, 680, L1-L4.	1.6	45
72	CMB anisotropies due to cosmological magnetosonic waves. <i>Physical Review D</i> , 2007, 75, .	1.6	51

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73	Inflation and accelerated expansion tensor-vector-scalar cosmological solutions. Physical Review D, 2006, 73, .	1.6	21
74	Cosmological Constraints from Hubble Parameter versus Redshift Data. Astrophysical Journal, 2006, 650, L5-L8.	1.6	139
75	Gamma ray burst constraints on ultraviolet Lorentz invariance violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 643, 81-85.	1.5	19
76	SUPERNOVA Ia AND GALAXY CLUSTER GAS MASS FRACTION CONSTRAINTS ON DARK ENERGY. Modern Physics Letters A, 2006, 21, 2197-2204.	0.5	42
77	Polarized Cosmological Gravitational Waves from Primordial Helical Turbulence. Physical Review Letters, 2005, 95, 151301.	2.9	55
78	Effects of cosmological magnetic helicity on the cosmic microwave background. Physical Review D, 2005, 71, .	1.6	99
79	Neutrino mass limit from galaxy cluster number density evolution. Physical Review D, 2005, 71, .	1.6	9
80	Faraday rotation of the cosmic microwave background polarization by a stochastic magnetic field. Physical Review D, 2005, 71, .	1.6	124
81	Constraints on Scalar-Field Dark Energy from Galaxy Cluster Gas Mass Fraction versus Redshift Data. Astrophysical Journal, 2004, 612, L1-L4.	1.6	49
82	Looking for Cosmological Alfvén Waves in Wilkinson Microwave Anisotropy Probe Data. Astrophysical Journal, 2004, 611, 655-659.	1.6	50
83	Constraints on Scalar-Field Dark Energy from the Cosmic Lens All-Sky Survey Gravitational Lens Statistics. Astrophysical Journal, 2004, 607, L71-L74.	1.6	52
84	The cosmological constant and dark energy. Reviews of Modern Physics, 2003, 75, 559-606.	16.4	3,803
85	Median Statistics and the Mass Density of the Universe. Publications of the Astronomical Society of the Pacific, 2003, 115, 1143-1149.	1.0	48
86	Non-Gaussian Error Distribution of Hubble Constant Measurements. Publications of the Astronomical Society of the Pacific, 2003, 115, 1269-1279.	1.0	96
87	CMB ANISOTROPY CONSTRAINTS ON FLAT- Λ AND OPEN CDM COSMOLOGIES FROM DMR, UCSB SOUTH POLE, PYTHON, ARGO, MAX, WHITE DISH, OVRO, AND SuZIE DATA. International Journal of Modern Physics A, 2003, 18, 4933-4954.	0.5	8
88	OVRO CMB ANISOTROPY MEASUREMENT CONSTRAINTS ON FLAT- Λ AND OPEN CDM COSMOLOGIES. Modern Physics Letters A, 2003, 18, 1145-1155.	0.5	3
89	Galactic Foreground Constraints from the Python V Cosmic Microwave Background Anisotropy Data. Astrophysical Journal, 2003, 592, 692-698.	1.6	16
90	COBEDMR-normalized Dark Energy Cosmology. Astrophysical Journal, 2003, 598, 767-778.	1.6	16

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91	Cosmic Microwave Background Anisotropy Measurement from Python V. <i>Astrophysical Journal</i> , 2003, 584, 585-592.	1.6	15
92	Cosmological Constraints from Compact Radio Source Angular Size versus Redshift Data. <i>Astrophysical Journal</i> , 2003, 582, 586-589.	1.6	72
93	Radio Galaxy Redshift Angular Size Data Constraints on Dark Energy. <i>Astrophysical Journal</i> , 2003, 584, 577-579.	1.6	50
94	Effects of Foreground Contamination on the Cosmic Microwave Background Anisotropy Measured byMAP. <i>Astrophysical Journal</i> , 2002, 568, 9-19.	1.6	11
95	Galactic Foregrounds in Owens Valley Radio Observatory and UCSB South Pole 1994 Cosmic Microwave Background Anisotropy Data. <i>Astrophysical Journal</i> , 2002, 579, 83-92.	1.6	13
96	Window Function for Noncircular Beam Cosmic Microwave Background Anisotropy Experiment. <i>Astrophysical Journal</i> , 2001, 560, 28-40.	1.6	34
97	Median Statistics, H_0 , and the Accelerating Universe. <i>Astrophysical Journal</i> , 2001, 549, 1-17.	1.6	188
98	Binned Cosmic Microwave Background Anisotropy Power Spectra: Peak Location. <i>Astrophysical Journal</i> , 2001, 559, 9-22.	1.6	68
99	Cosmological Model Parameter Determination from Satellite Acquired Supernova Apparent Magnitude versus Redshift Data. <i>Astrophysical Journal</i> , 2001, 553, 39-46.	1.6	41
100	Gaussianity of Degree Scale Cosmic Microwave Background Anisotropy Observations. <i>Astrophysical Journal</i> , 2001, 556, 582-589.	1.6	45
101	Cosmological Parameter Determination from Counts of Galaxies. <i>Astrophysical Journal</i> , 2001, 563, 28-33.	1.6	15
102	Supernova Ia Constraints on a Time Variable Cosmological Constant. <i>Astrophysical Journal</i> , 2000, 532, 109-117.	1.6	81
103	ARGO Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flat Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1999, 510, 11-19.	1.6	16
104	Cosmic Microwave Background Anisotropy Constraints on Open and Flat Cold Dark Matter Cosmogonies from UCSB South Pole, ARGO, MAX, White Dish, and SuZIE Data. <i>Astrophysical Journal</i> , 1999, 517, 549-564.	1.6	42
105	Python I, II, and III Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flat Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1999, 525, 1-9.	1.6	15
106	Using White Dish CMB Anisotropy Data to Probe Open and Flat CDM Cosmogonies. <i>Astrophysical Journal</i> , 1998, 505, 8-11.	1.6	10
107	Cosmic Microwave Background Anisotropy Correlation Function and Topology from Simulated Maps forMAP. <i>Astrophysical Journal</i> , 1998, 506, 473-484.	1.6	29
108	COBE Normalized Open Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , Supplement Series, 1998, 114, 1-36.	3.0	56

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109	MAX 4 and MAX 5 Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flat Λ Cold Dark Matter Cosmogonies. <i>Astrophysical Journal, Supplement Series</i> , 1998, 114, 165-175.	3.0	17
110	Large-scale structure in COBE-normalized cold dark matter cosmogonies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 289, 37-51.	1.6	48
111	UCSB South Pole 1994 Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flat Λ Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1997, 484, 7-30.	1.6	44
112	Using Sunyaev-Zeldovich Infrared Experiment (SuZIE) Arcminute-Scale Cosmic Microwave Background Anisotropy Data to Probe Open and Flat Λ Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1997, 484, 517-522.	1.6	21
113	Cosmic Microwave Background Anisotropy in COBE DMR-normalized Open and Flat Λ Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1997, 481, 22-34.	1.6	37
114	Tentative Appraisal of Compatibility of Small-Scale Cosmic Microwave Background Anisotropy Detections in the Context of [ITAL]COBE/[ITAL]-DMR-normalized Open and Flat Λ Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1996, 461, .	1.6	23
115	Inflation in an open universe. <i>Physical Review D</i> , 1995, 52, 1837-1894.	1.6	127
116	COBE DMR-normalized open inflation cold dark matter cosmogony. <i>Astrophysical Journal</i> , 1995, 444, L65.	1.6	44
117	Spontaneously broken continuous symmetries in hyperbolic (or open) de Sitter spacetime. <i>Physical Review D</i> , 1994, 50, 5252-5261.	1.6	14
118	Cold dark matter cosmogony in an open universe. <i>Astrophysical Journal</i> , 1994, 432, L5.	1.6	95
119	Cosmic background radiation anisotropy in an open inflation, cold dark matter cosmogony. <i>Astrophysical Journal</i> , 1994, 434, L1.	1.6	51
120	Gravitational lensing effects in a time-variable cosmological 'constant' cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 259, 738-742.	1.6	46
121	Inflation in an exponential-potential scalar field model. <i>Physical Review D</i> , 1992, 45, 1913-1952.	1.6	73
122	Cosmological 'seed' magnetic field from inflation. <i>Astrophysical Journal</i> , 1992, 391, L1.	1.6	596
123	Observationally constrainable free parameters of scalar field inflation models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 260, 21-26.	1.5	7
124	Expressions for linearized perturbations in a massive-scalar-field-dominated cosmological model. <i>Physical Review D</i> , 1991, 44, 352-364.	1.6	42
125	Dependence of cosmological energy-density irregularities on the shape of the scalar-field potential during inflation and "reheating". <i>Physical Review D</i> , 1991, 44, 365-375.	1.6	7
126	Joining conditions for cosmological perturbations at an equation-of-state transition. <i>Physical Review D</i> , 1991, 43, 3802-3812.	1.6	43

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127	Quantum mechanics of exponential-potential inflation. Physical Review D, 1989, 40, 3939-3949.	1.6	38
128	Spherically symmetric classical solutions in SU(2) gauge theory with a Higgs field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 205, 57-61.	1.5	46
129	Cosmological consequences of a rolling homogeneous scalar field. Physical Review D, 1988, 37, 3406-3427.	1.6	3,383
130	Expressions for linearized perturbations in ideal-fluid cosmological models. Physical Review D, 1988, 38, 2399-2414.	1.6	14
131	Cosmology with a time-variable cosmological 'constant'. Astrophysical Journal, 1988, 325, L17.	1.6	1,407
132	Superstring propagation in curved superspace in the presence of background super Yang-Mills fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 169, 54-58.	1.5	52
133	Superspace formulation of ten-dimensional $N=1$ supergravity coupled to $N=1$ super Yang-Mills theory. Physical Review D, 1986, 33, 2824-2832.	1.6	33
134	Restoration of spontaneously broken continuous symmetries in de Sitter spacetime. Physical Review D, 1985, 31, 1931-1955.	1.6	130
135	Quantum mechanics of inflation. Nuclear Physics B, 1985, 259, 730-744.	0.9	73
136	Gravitational radiation from primordial helical inverse cascade magnetohydrodynamic turbulence. , 0, .		2
137	Using lower-redshift, non-CMB, data to constrain the Hubble constant and other cosmological parameters. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	24