

Bharat Ratra

List of Publications by Year in descending order

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137
papers

15,878
citations

38720
50
h-index

15716
125
g-index

138
all docs

138
docs citations

138
times ranked

4031
citing authors

#	ARTICLE	IF	CITATIONS
1	The cosmological constant and dark energy. <i>Reviews of Modern Physics</i> , 2003, 75, 559-606.	16.4	3,803
2	Cosmological consequences of a rolling homogeneous scalar field. <i>Physical Review D</i> , 1988, 37, 3406-3427.	1.6	3,383
3	Cosmology with a time-variable cosmological 'constant'. <i>Astrophysical Journal</i> , 1988, 325, L17.	1.6	1,407
4	Cosmological 'seed' magnetic field from inflation. <i>Astrophysical Journal</i> , 1992, 391, L1.	1.6	596
5	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
6	HUBBLE PARAMETER MEASUREMENT CONSTRAINTS ON THE COSMOLOGICAL DECELERATION-ACCELERATION TRANSITION REDSHIFT. <i>Astrophysical Journal Letters</i> , 2013, 766, L7.	3.0	280
7	Hubble Parameter and Baryon Acoustic Oscillation Measurement Constraints on the Hubble Constant, the Deviation from the Spatially Flat Λ CDM Model, the Deceleration-Acceleration Transition Redshift, and Spatial Curvature. <i>Astrophysical Journal</i> , 2018, 856, 3.	1.6	222
8	Median Statistics, H_0 , and the Accelerating Universe. <i>Astrophysical Journal</i> , 2001, 549, 1-17.	1.6	188
9	Cosmological Constraints from Hubble Parameter versus Redshift Data. <i>Astrophysical Journal</i> , 2006, 650, L5-L8.	1.6	139
10	Restoration of spontaneously broken continuous symmetries in de Sitter spacetime. <i>Physical Review D</i> , 1985, 31, 1931-1955.	1.6	130
11	Inflation in an open universe. <i>Physical Review D</i> , 1995, 52, 1837-1894.	1.6	127
12	Median Statistics and the Hubble Constant. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 1127-1132.	1.0	126
13	Cosmographic bounds on the cosmological deceleration-acceleration transition redshift in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} f \langle \text{mml:mi} \langle \text{mml:mo stretchy="false"} \langle \text{mml:mi} T_j \text{ ETQq1 1 0.784314 rg} \langle \text{mml:mi} \text{ /Ove} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$		
14	Faraday rotation of the cosmic microwave background polarization by a stochastic magnetic field. <i>Physical Review D</i> , 2005, 71, .	1.6	124
15	DETERMINING THE HUBBLE CONSTANT FROM HUBBLE PARAMETER MEASUREMENTS. <i>Astrophysical Journal</i> , 2017, 835, 86.	1.6	112
16	Effects of cosmological magnetic helicity on the cosmic microwave background. <i>Physical Review D</i> , 2005, 71, .	1.6	99
17	Non-Gaussian Error Distribution of Hubble Constant Measurements. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 1269-1279.	1.0	96
18	Cold dark matter cosmogony in an open universe. <i>Astrophysical Journal</i> , 1994, 432, L5.	1.6	95

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19	Constraints on dark energy dynamics and spatial curvature from Hubble parameter and baryon acoustic oscillation data. Monthly Notices of the Royal Astronomical Society, 2018, 480, 759-767.	1.6	91
20	Gravitational radiation from primordial helical inverse cascade magnetohydrodynamic turbulence. Physical Review D, 2008, 78, .	1.6	85
21	Supernova Ia Constraints on a Timeâ€‘variable Cosmological â€‘Constantâ€™. Astrophysical Journal, 2000, 532, 109-117.	1.6	81
22	The Beginning and Evolution of the Universe. Publications of the Astronomical Society of the Pacific, 2008, 120, 235-265.	1.0	81
23	Baryon acoustic oscillation, Hubble parameter, and angular size measurement constraints on the Hubble constant, dark energy dynamics, and spatial curvature. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3844-3856.	1.6	80
24	Planck 2015 Constraints on the Non-flat Λ CDM Inflation Model. Astrophysical Journal, 2018, 864, 80.	1.6	76
25	Quantum mechanics of inflation. Nuclear Physics B, 1985, 259, 730-744.	0.9	73
26	Inflation in an exponential-potential scalar field model. Physical Review D, 1992, 45, 1913-1952.	1.6	73
27	CMB temperature anisotropy from broken spatial isotropy due to a homogeneous cosmological magnetic field. Physical Review D, 2008, 78, .	1.6	72
28	HUBBLE PARAMETER MEASUREMENT CONSTRAINTS ON DARK ENERGY. Astrophysical Journal, 2013, 764, 138.	1.6	72
29	Cosmological Constraints from Compact Radio Source Angular Size versus Redshift Data. Astrophysical Journal, 2003, 582, 586-589.	1.6	72
30	Binned Hubble parameter measurements and the cosmological decelerationâ€‘acceleration transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 72-82.	1.5	70
31	Observational Constraints on the Tilted Spatially Flat and the Untilted Nonflat Λ CDM Dynamical Dark Energy Inflation Models. Astrophysical Journal, 2018, 868, 83.	1.6	69
32	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. Astrophysical Journal, 2019, 882, 158.	1.6	69
33	Binned Cosmic Microwave Background Anisotropy Power Spectra: Peak Location. Astrophysical Journal, 2001, 559, 9-22.	1.6	68
34	Primordial magnetic field limits from cosmological data. Physical Review D, 2010, 82, .	1.6	64
35	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
36	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

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37	CONSTRAINTS ON NON-FLAT COSMOLOGIES WITH MASSIVE NEUTRINOS AFTER PLANCK 2015. <i>Astrophysical Journal</i> , 2016, 829, 61.	1.6	59
38	CONSTRAINING DARK ENERGY WITH GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2010, 714, 1347-1354.	1.6	58
39	Using Pantheon and DES supernova, baryon acoustic oscillation, and Hubble parameter data to constrain the Hubble constant, dark energy dynamics, and spatial curvature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 300-310.	1.6	57
40	COBE Λ CDM-normalized Open Cold Dark Matter Cosmogonies. <i>Astrophysical Journal, Supplement Series</i> , 1998, 114, 1-36.	3.0	56
41	Polarized Cosmological Gravitational Waves from Primordial Helical Turbulence. <i>Physical Review Letters</i> , 2005, 95, 151301.	2.9	55
42	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
43	Determining the range of validity of quasar X-ray and UV flux measurements for constraining cosmological model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 6140-6156.	1.6	54
44	Nonflat time-variable dark energy cosmology. <i>Physical Review D</i> , 2013, 88, .	1.6	53
45	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
46	Superstring propagation in curved superspace in the presence of background super Yang-Mills fields. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 169, 54-58.	1.5	52
47	Constraints on Scalar-Field Dark Energy from the Cosmic Lens All-Sky Survey Gravitational Lens Statistics. <i>Astrophysical Journal</i> , 2004, 607, L71-L74.	1.6	52
48	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
49	CMB anisotropies due to cosmological magnetosonic waves. <i>Physical Review D</i> , 2007, 75, .	1.6	51
50	Planck 2015 Constraints on the Nonflat Λ CDM Inflation Model. <i>Astrophysical Journal</i> , 2018, 866, 68.	1.6	51
51	Cosmic background radiation anisotropy in an open inflation, cold dark matter cosmogony. <i>Astrophysical Journal</i> , 1994, 434, L1.	1.6	51
52	Looking for Cosmological Alfvén Waves in Wilkinson Microwave Anisotropy Probe Data. <i>Astrophysical Journal</i> , 2004, 611, 655-659.	1.6	50
53	Radio Galaxy Redshift Λ CDM Angular Size Data Constraints on Dark Energy. <i>Astrophysical Journal</i> , 2003, 584, 577-579.	1.6	50
54	Constraints on Scalar-Field Dark Energy from Galaxy Cluster Gas Mass Fraction versus Redshift Data. <i>Astrophysical Journal</i> , 2004, 612, L1-L4.	1.6	49

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55	Observational constraints on non-flat dynamical dark energy cosmological models. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	0.5	49
56	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
57	Median Statistics and the Mass Density of the Universe. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 1143-1149.	1.0	48
58	Constraints on cosmological parameters from gamma-ray burst peak photon energy and bolometric fluence measurements and other data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 391-403.	1.6	48
59	Planck 2015 Constraints on the Non-flat Λ CDM Inflation Model. <i>Astrophysical Journal</i> , 2018, 869, 34.	1.6	47
60	Spherically symmetric classical solutions in $SU(2)$ gauge theory with a Higgs field. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 205, 57-61.	1.5	46
61	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
62	Impact of $\int_0^H \frac{d\ln \Omega_b}{d\ln H} d\ln H$ on the evidence for dark radiation. <i>Physical Review D</i> , 2012, 86, .	1.6	46
63	Constraints on Dark Energy from Galaxy Cluster Gas Mass Fraction versus Redshift Data. <i>Astrophysical Journal</i> , 2008, 680, L1-L4.	1.6	45
64	Cosmological constraints from $H\alpha$ starburst galaxy apparent magnitude and other cosmological measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3191-3203.	1.6	45
65	Gaussianity of Degree- l Scale Cosmic Microwave Background Anisotropy Observations. <i>Astrophysical Journal</i> , 2001, 556, 582-589.	1.6	45
66	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
67	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
68	COBE DMR-normalized open inflation cold dark matter cosmogony. <i>Astrophysical Journal</i> , 1995, 444, L65.	1.6	44
69	Joining conditions for cosmological perturbations at an equation-of-state transition. <i>Physical Review D</i> , 1991, 43, 3802-3812.	1.6	43
70	Expressions for linearized perturbations in a massive-scalar-field-dominated cosmological model. <i>Physical Review D</i> , 1991, 44, 352-364.	1.6	42
71	SUPERNOVA Ia AND GALAXY CLUSTER GAS MASS FRACTION CONSTRAINTS ON DARK ENERGY. <i>Modern Physics Letters A</i> , 2006, 21, 2197-2204.	0.5	42
72	Cosmic Microwave Background Anisotropy Constraints on Open and Flat Λ 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

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73	Numerical simulations of the decay of primordial magnetic turbulence. <i>Physical Review D</i> , 2010, 81, .	1.6	41
74	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
75	Inflation in a closed universe. <i>Physical Review D</i> , 2017, 96, .	1.6	41
76	Cosmological Model Parameter Determination from Satellite-acquired Supernova Apparent Magnitude versus Redshift Data. <i>Astrophysical Journal</i> , 2001, 553, 39-46.	1.6	41
77	Standardizing Dainotti-correlated gamma-ray bursts, and using them with standardized Amati-correlated gamma-ray bursts to constrain cosmological model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2928-2947.	1.6	41
78	PHASE TRANSITION GENERATED COSMOLOGICAL MAGNETIC FIELD AT LARGE SCALES. <i>Astrophysical Journal</i> , 2011, 726, 78.	1.6	40
79	Using SPT polarization, $\langle \delta \rangle$ Planck 2015, and non-CMB data to constrain tilted spatially flat and untilted nonflat Λ CDM, XCDM, and Λ CDM dark energy inflation	1.6	40
80	Standardizing Platinum Dainotti-correlated gamma-ray bursts, and using them with standardized Amati-correlated gamma-ray bursts to constrain cosmological model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 439-454.	1.6	40
81	Do quasar X-ray and UV flux measurements provide a useful test of cosmological models?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2753-2772.	1.6	40
82	Quantum mechanics of exponential-potential inflation. <i>Physical Review D</i> , 1989, 40, 3939-3949.	1.6	38
83	Evolution of inflation-generated magnetic field through phase transitions. <i>Physical Review D</i> , 2012, 86, .	1.6	38
84	Planck 2015 constraints on spatially-flat dynamical dark energy models. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	0.5	38
85	Cosmological constraints from higher redshift gamma-ray burst, starburst galaxy, and quasar (and other) data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1520-1538.	1.6	38
86	Do gamma-ray burst measurements provide a useful test of cosmological models?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 042.	1.9	37
87	Cosmic Microwave Background Anisotropy in COBEDMR-normalized Open and Flat Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1997, 481, 22-34.	1.6	37
88	Galaxy cluster number count data constraints on cosmological parameters. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	36
89	Window Function for Noncircular Beam Cosmic Microwave Background Anisotropy Experiment. <i>Astrophysical Journal</i> , 2001, 560, 28-40.	1.6	34
90	Superspace formulation of ten-dimensional $N=1$ supergravity coupled to $N=1$ super Yang-Mills theory. <i>Physical Review D</i> , 1986, 33, 2824-2832.	1.6	33

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91	Constraints on dark energy from the lookback time versus redshift test. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 509-514.	1.5	31
92	Gravitational Radiation from Primordial Helical Magnetohydrodynamic Turbulence. Physical Review Letters, 2008, 100, 231301.	2.9	29
93	Standardizing reverberation-measured Mg II time-lag quasars, by using the radius-luminosity relation, and constraining cosmological model parameters. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4722-4737.	1.6	29
94	Cosmic Microwave Background Anisotropy Correlation Function and Topology from Simulated Maps for MAP. Astrophysical Journal, 1998, 506, 473-484.	1.6	29
95	First study of reionization in the Planck 2015 normalized closed Λ CDM inflation model. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4566-4576.	1.6	24
96	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
97	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. Astrophysical Journal, 1996, 461, .	1.6	23
98	Using Sunyaev-Zeldovich Infrared Experiment (SuZIE) Arcminute-Scale Cosmic Microwave Background Anisotropy Data to Probe Open and Flat Λ Cold Dark Matter Cosmogonies. Astrophysical Journal, 1997, 484, 517-522.	1.6	21
99	Inflation and accelerated expansion tensor-vector-scalar cosmological solutions. Physical Review D, 2006, 73, .	1.6	21
100	Do reverberation-measured H^2 quasars provide a useful test of cosmology?. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1985-2005.	1.6	21
101	NON-GAUSSIAN ERROR DISTRIBUTIONS OF LMC DISTANCE MODULI MEASUREMENTS. Astrophysical Journal, 2015, 815, 87.	1.6	20
102	Cosmological constraints from $H\alpha$ starburst galaxy, quasar angular size, and other measurements. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4745-4757.	1.6	20
103	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
104	Constraints on dark energy from the Ly α forest baryon acoustic oscillations measurement of the redshift 2.3 Hubble parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 1-6.	1.5	19
105	Time and distance constraints on accelerating cosmological models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 239-245.	1.5	18
106	Cosmological constraints from large-scale structure growth rate measurements. Physical Review D, 2014, 90, .	1.6	18
107	MAX 4 and MAX 5 Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flat Λ Cold Dark Matter Cosmogonies. Astrophysical Journal, Supplement Series, 1998, 114, 165-175.	3.0	17
108	ARGO Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flat Λ Cold Dark Matter Cosmogonies. Astrophysical Journal, 1999, 510, 11-19.	1.6	16

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109	Galactic Foreground Constraints from the Python V Cosmic Microwave Background Anisotropy Data. <i>Astrophysical Journal</i> , 2003, 592, 692-698.	1.6	16
110	COBEDMRâ€“normalized Dark Energy Cosmogony. <i>Astrophysical Journal</i> , 2003, 598, 767-778.	1.6	16
111	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
112	Non-Gaussian error distribution of 7Li abundance measurements. <i>Modern Physics Letters A</i> , 2015, 30, 1550123.	0.5	16
113	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
114	Consistency study of high- and low-accreting Mgâ€“ Fe^{ii} to Mgâ€“ flux ratio on the radiusâ€“luminosity relation dispersion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3729-3748.	1.6	16
115	Cosmic Microwave Background Anisotropy Measurement from Python V. <i>Astrophysical Journal</i> , 2003, 584, 585-592.	1.6	15
116	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
117	CMB distance priors revisited: effects of dark energy dynamics, spatial curvature, primordial power spectrum, and neutrino parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 009-009.	1.9	15
118	Python I, II, and III Cosmic Microwave Background Anisotropy Measurement Constraints on Open and Flatâ€“ Cold Dark Matter Cosmogonies. <i>Astrophysical Journal</i> , 1999, 525, 1-9.	1.6	15
119	Cosmological Parameter Determination from Counts of Galaxies. <i>Astrophysical Journal</i> , 2001, 563, 28-33.	1.6	15
120	Expressions for linearized perturbations in ideal-fluid cosmological models. <i>Physical Review D</i> , 1988, 38, 2399-2414.	1.6	14
121	Spontaneously broken continuous symmetries in hyperbolic (or open) de Sitter spacetime. <i>Physical Review D</i> , 1994, 50, 5252-5261.	1.6	14
122	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
123	Quark-hadron phase transition in a chameleon Brans-Dicke model of brane gravity. <i>Physical Review D</i> , 2012, 86, .	1.6	13
124	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
125	FORECASTING COSMOLOGICAL PARAMETER CONSTRAINTS FROM NEAR-FUTURE SPACE-BASED GALAXY SURVEYS. <i>Astrophysical Journal</i> , 2012, 760, 19.	1.6	12
126	CONSTRAINTS ON DARK ENERGY MODELS FROM RADIAL BARYON ACOUSTIC SCALE MEASUREMENTS. <i>Astrophysical Journal</i> , 2009, 701, 1373-1380.	1.6	11

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127	Effects of Foreground Contamination on the Cosmic Microwave Background Anisotropy Measured byMAP. Astrophysical Journal, 2002, 568, 9-19.	1.6	11
128	Using White Dish CMB Anisotropy Data to Probe Open and Flat Λ CDM Cosmogonies. Astrophysical Journal, 1998, 505, 8-11.	1.6	10
129	Neutrino mass limit from galaxy cluster number density evolution. Physical Review D, 2005, 71, .	1.6	9
130	Median statistics estimate of the galactic rotational velocity. Astrophysics and Space Science, 2018, 363, 1.	0.5	9
131	CMB ANISOTROPY CONSTRAINTS ON FLAT Λ AND OPEN CDM COSMOGONIES 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
132	Cosmological magnetic braking and the formation of high-redshift, super-massive black holes. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1629-1640.	1.6	8
133	Observationally constrainable free parameters of scalar field inflation models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 260, 21-26.	1.5	7
134	Dependence of cosmological energy-density irregularities on the shape of the scalar-field potential during inflation and "reheating". Physical Review D, 1991, 44, 365-375.	1.6	7
135	OVRO CMB ANISOTROPY MEASUREMENT CONSTRAINTS ON FLAT Λ AND OPEN CDM COSMOGONIES. Modern Physics Letters A, 2003, 18, 1145-1155.	0.5	3
136	Gaussian processes, median statistics, Milky Way rotation curves. Astrophysics and Space Science, 2020, 365, 1.	0.5	3
137	Gravitational radiation from primordial helical inverse cascade magnetohydrodynamic turbulence. , 0, .		2