Max Erik Tegmark

List of Publications by Year
in descending order

201	40,295	3721 89	2375 198
papers	citations	h-index	g-index

204	204	204	14441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine Learning Hidden Symmetries. Physical Review Letters, 2022, 128, 180201.	2.9	28
2	Pareto-Optimal Clustering with the Primal Deterministic Information Bottleneck. Entropy, 2022, 24, 771.	1.1	1
3	Symbolic pregression: Discovering physical laws from distorted video. Physical Review E, 2021, 103, 043307.	0.8	18
4	Machine Learning Conservation Laws from Trajectories. Physical Review Letters, 2021, 126, 180604.	2.9	56
5	16p11.2 deletion is associated with hyperactivation of human iPSC-derived dopaminergic neuron networks and is rescued by RHOA inhibition in vitro. Nature Communications, 2021, 12, 2897.	5.8	35
6	Assessing whether artificial intelligence is an enabler or an inhibitor of sustainability at indicator level. Transportation Engineering, 2021, 4, 100064.	2.3	41
7	Effects of model incompleteness on the drift-scan calibration of radio telescopes. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4578-4592.	1.6	2
8	Machine-learning nonconservative dynamics for new-physics detection. Physical Review E, 2021, 104, 055302.	0.8	12
9	Pareto-Optimal Data Compression for Binary Classification Tasks. Entropy, 2020, 22, 7.	1.1	10
10	Foreground modelling via Gaussian process regression: an application to HERA data. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2813-2826.	1.6	19
11	AI Feynman: A physics-inspired method for symbolic regression. Science Advances, 2020, 6, eaay2631.	4.7	345
12	Redundant-baseline calibration of the hydrogen epoch of reionization array. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5840-5861.	1.6	33
13	The HERA-19 Commissioning Array: Direction-dependent Effects. Astrophysical Journal, 2019, 882, 58.	1.6	20
14	Toward an artificial intelligence physicist for unsupervised learning. Physical Review E, 2019, 100, 033311.	0.8	59
15	Gated Orthogonal Recurrent Units: On Learning to Forget. Neural Computation, 2019, 31, 765-783.	1.3	48
16	Ensemble inhibition and excitation in the human cortex: An Ising-model analysis with uncertainties. Physical Review E, 2019, 99, 032408.	0.8	9
17	Lethal autonomous weapons. BMJ, The, 2019, 364, l1171.	3.0	3
18	Learnability for the Information Bottleneck. Entropy, 2019, 21, 924.	1.1	12

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19	Assessment of Ionospheric Activity Tolerances for Epoch of Reionization Science with the Murchison Widefield Array. Astrophysical Journal, 2018, 867, 15.	1.6	17
20	Comparing Redundant and Sky-model-based Interferometric Calibration: A First Look with Phase II of the MWA. Astrophysical Journal, 2018, 863, 170.	1.6	41
21	Nanophotonic particle simulation and inverse design using artificial neural networks. Science Advances, 2018, 4, eaar4206.	4.7	574
22	Automated in vivo patch-clamp evaluation of extracellular multielectrode array spike recording capability. Journal of Neurophysiology, 2018, 120, 2182-2200.	0.9	19
23	The hydrogen epoch of reionization array dish III: measuring chromaticity of prototype element with reflectometry. Experimental Astronomy, 2018, 45, 177-199.	1.6	19
24	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. Astrophysical Journal, 2017, 838, 68.	1.6	23
25	An improved model of diffuse galactic radio emission from 10ÂMHz to 5ÂTHz. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3486-3497.	1.6	130
26	Why Does Deep and Cheap Learning Work So Well?. Journal of Statistical Physics, 2017, 168, 1223-1247.	0.5	321
27	Critical Behavior in Physics and Probabilistic Formal Languages. Entropy, 2017, 19, 299.	1.1	51
28	Hydrogen Epoch of Reionization Array (HERA). Publications of the Astronomical Society of the Pacific, 2017, 129, 045001.	1.0	448
29	Brute-force mapmaking with compact interferometers: a MITEoR northern sky map from 128 to 175ÂMHz. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2901-2915.	1.6	20
30	THE HYDROGEN EPOCH OF REIONIZATION ARRAY DISH. I. BEAM PATTERN MEASUREMENTS AND SCIENCE IMPLICATIONS. Astrophysical Journal, 2016, 826, 199.	1.6	48
31	LOW-FREQUENCY OBSERVATIONS OF LINEARLY POLARIZED STRUCTURES IN THE INTERSTELLAR MEDIUM NEAR THE SOUTH GALACTIC POLE. Astrophysical Journal, 2016, 830, 38.	1.6	58
32	DELAY SPECTRUM WITH PHASE-TRACKING ARRAYS: EXTRACTING THE H i POWER SPECTRUM FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2016, 833, 213.	1.6	15
33	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. Astrophysical Journal, 2016, 833, 102.	1.6	147
34	THE IMPORTANCE OF WIDE-FIELD FOREGROUND REMOVAL FOR 21 cm COSMOLOGY: A DEMONSTRATION WITH EARLY MWA EPOCH OF REIONIZATION OBSERVATIONS. Astrophysical Journal, 2016, 819, 8.	1.6	65
35	A high reliability survey of discrete Epoch of Reionization foreground sources in the MWA EoR0 field. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4151-4175.	1.6	27
36	THE HYDROGEN EPOCH OF REIONIZATION ARRAY DISH. II. CHARACTERIZATION OF SPECTRAL STRUCTURE WITH ELECTROMAGNETIC SIMULATIONS AND ITS SCIENCE IMPLICATIONS. Astrophysical Journal, 2016, 831, 196.	1.6	36

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37	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. Astrophysical Journal, 2016, 825, 114.	1.6	67
38	First limits on the 21Âcm power spectrum during the Epoch of X-ray heating. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4320-4347.	1.6	79
39	Parametrizing Epoch of Reionization foregrounds: a deep survey of low-frequency point-source spectra with the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1057-1070.	1.6	68
40	CHIPS: THE COSMOLOGICAL H i POWER SPECTRUM ESTIMATOR. Astrophysical Journal, 2016, 818, 139.	1.6	98
41	Improved Measures of Integrated Information. PLoS Computational Biology, 2016, 12, e1005123.	1.5	83
42	Empirical covariance modeling for 21Âcm power spectrum estimation: A method demonstration and new limits from early Murchison Widefield Array 128-tile data. Physical Review D, 2015, 91, .	1.6	99
43	Research Priorities for Robust and Beneficial Artificial Intelligence. AI Magazine, 2015, 36, 105-114.	1.4	319
44	Consciousness as a state of matter. Chaos, Solitons and Fractals, 2015, 76, 238-270.	2.5	87
45	Mapmaking for precision 21Âcm cosmology. Physical Review D, 2015, 91, .	1.6	36
46	CONFIRMATION OF WIDE-FIELD SIGNATURES IN REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal Letters, 2015, 807, L28.	3.0	73
47	The Low-Frequency Environment of the Murchison Widefield Array: Radio-Frequency Interference Analysis and Mitigation. Publications of the Astronomical Society of Australia, 2015, 32, .	1.3	107
48	The unification of physics: the quest for a theory of everything. Annals of the New York Academy of Sciences, 2015, 1361, 18-35.	1.8	1
49	FOREGROUNDS IN WIDE-FIELD REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal, 2015, 804, 14.	1.6	122
50	MITEoR: a scalable interferometer for precision 21Âcm cosmology. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1084-1103.	1.6	72
51	Overcoming real-world obstacles in 21 cm power spectrum estimation: A method demonstration and results from early Murchison Widefield Array data. Physical Review D, 2014, 89, .	1.6	151
52	WHAT NEXT-GENERATION 21 cm POWER SPECTRUM MEASUREMENTS CAN TEACH US ABOUT THE EPOCH OF REIONIZATION. Astrophysical Journal, 2014, 782, 66.	1.6	254
53	MITEoR: A prototype highly scalable interferometer for 21 cm cosmology. , 2014, , .		0
54	Sharpening the second law of thermodynamics with the quantum Bayes theorem. Physical Review E, 2014, 90, 032125.	0.8	9

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55	A fast method for power spectrum and foreground analysis for 21Âcm cosmology. Physical Review D, 2013, 87, .	1.6	58
56	Trouble with physics: Time to rethink cosmic inflation?. New Scientist, 2013, 217, 44.	0.0	0
57	Testing multifield inflation: A geometric approach. Physical Review D, 2013, 87, .	1.6	41
58	Global 21Âcm signal experiments: A designerâ€™s guide. Physical Review D, 2013, 87, .	1.6	54
59	How well can we measure and understand foregrounds with 21-cm experiments?. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3491-3504.	1.6	89
60	A method for 21Âcm power spectrum estimation in the presence of foregrounds. Physical Review D, 2011, 83, .	1.6	137
61	Non-Gaussianity in two-field inflation. Physical Review D, 2011, 84, .	1.6	57
62	Testing two-field inflation. Physical Review D, 2011, 83, .	1.6	98
63	GALAXY CLUSTERING IN THE COMPLETED SDSS REDSHIFT SURVEY: THE DEPENDENCE ON COLOR AND LUMINOSITY. Astrophysical Journal, 2011, 736, 59.	1.6	620
64	Precision calibration of radio interferometers using redundant baselines. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1029-1050.	1.6	86
65	BOOMERanG constraints on primordial non-Gaussianity from analytical Minkowski functionals. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1658-1665.	1.6	20
66	Baryon acoustic oscillations in the Sloan Digital Sky Survey Data Release 7 galaxy sample. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2148-2168.	1.6	1,400
67	Omniscopes: Large area telescope arrays with only<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mi>log</mml:mi><mml:mo>ï»¿</mml:mo><mml:mi>N</mml:mi></mml:math>computation cost. Physical Review D, 2010, 82, .	1.6	57
68	Likely values of the Higgs vacuum expectation value. Physical Review D, 2010, 81, .	1.6	21
69	Will point sources spoil 21-cm tomography?. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1575-1587.	1.6	75
70	An improved method for 21-cm foreground removal. Monthly Notices of the Royal Astronomical Society, 2009, 398, 401-406.	1.6	110
71	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	3.0	4,201
72	Fast Fourier transform telescope. Physical Review D, 2009, 79, .	1.6	99

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73	SUBDEGREE SUNYAEV-ZEL'DOVICH SIGNAL FROM MULTIFREQUENCY BOOMERANG OBSERVATIONS. Astrophysical Journal, 2009, 702, L61-L65.	1.6	10
74	SDSS galaxy clustering: luminosity and colour dependence and stochasticity. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1635-1655.	1.6	91
75	Methods for rapidly processing angular masks of next-generation galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1391-1402.	1.6	156
76	A model of diffuse Galactic radio emission from 10 MHz to 100 GHz. Monthly Notices of the Royal Astronomical Society, 2008, 388, 247-260.	1.6	404
77	Axion cosmology and the energy scale of inflation. Physical Review D, 2008, 78, .	1.6	189
78	How accurately can 21Âcm tomography constrain cosmology?. Physical Review D, 2008, 78, .	1.6	202
79	The Mathematical Universe. Foundations of Physics, 2008, 38, 101-150.	0.6	233
80	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	3.0	1,202
81	Searching for Non-Gaussian Signals in the BOOMERANG 2003 CMB Maps. Astrophysical Journal, 2007, 670, L73-L76.	1.6	18
82	The Shape of the Sloan Digital Sky Survey Data Release 5 Galaxy Power Spectrum. Astrophysical Journal, 2007, 657, 645-663.	1.6	224
83	The Fifth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2007, 172, 634-644.	3.0	615
84	Constraining<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (stretchy="false">)</mml:mo></mml:math>.	1.6	314
85	Searching for inflation in simple string theory models: An astrophysical perspective. Physical Review D, 2007, 76, .	1.6	29
86	The multiverse hierarchy. , 2007, , 99-126.		19
87	Many lives in many worlds. Nature, 2007, 448, 23-24.	13.7	34
88	Combined reconstruction of weak and strong lensing data with WSLAP. Monthly Notices of the Royal Astronomical Society, 2007, 375, 958-970.	1.6	104
89	The clustering of luminous red galaxies in the Sloan Digital Sky Survey imaging data. Monthly Notices of the Royal Astronomical Society, 2007, 378, 852-872.	1.6	295
90	Constraining torsion with Gravity Probe B. Physical Review D, 2007, 76, .	1.6	85

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91	Cosmological Parameters from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 799-812.	1.6	159
92	Dimensionless constants, cosmology, and other dark matters. Physical Review D, 2006, 73, .	1.6	276
93	Cosmological constraints from the SDSS luminous red galaxies. Physical Review D, 2006, 74, .	1.6	1,132
94	A Measurement of the Polarizationâ€Temperature Angular Crossâ€Power Spectrum of the Cosmic Microwave Background from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 833-839.	1.6	123
95	A Measurement of the CMB âŒ©EEâŒª Spectrum from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 813-822.	1.6	217
96	The Fourth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2006, 162, 38-48.	3.0	948
97	A Measurement of the Angular Power Spectrum of the CMB Temperature Anisotropy from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 823-832.	1.6	186
98	21 cm Tomography with Foregrounds. Astrophysical Journal, 2006, 650, 529-537.	1.6	138
99	On Math, Matter and Mind. Foundations of Physics, 2006, 36, 765-794.	0.6	22
100	Cosmological Neutrino Bounds for Non-Cosmologists. , 2006, , .		0
101	The Intermediateâ€Scale Clustering of Luminous Red Galaxies. Astrophysical Journal, 2005, 621, 22-31.	1.6	179
102	A Map of the Universe. Astrophysical Journal, 2005, 624, 463-484.	1.6	309
103	Cosmology and the Halo Occupation Distribution from Smallâ€Scale Galaxy Clustering in the Sloan Digital Sky Survey. Astrophysical Journal, 2005, 625, 613-620.	1.6	86
104	New York University Value-Added Galaxy Catalog: A Galaxy Catalog Based on New Public Surveys. Astronomical Journal, 2005, 129, 2562-2578.	1.9	989
105	The Luminosity and Color Dependence of the Galaxy Correlation Function. Astrophysical Journal, 2005, 630, 1-27.	1.6	653
106	BOOMERanG results. Advances in Space Research, 2005, 36, 1064-1069.	1.2	1
107	Non-parametric inversion of strong lensing systems. Monthly Notices of the Royal Astronomical Society, 2005, 360, 477-491.	1.6	94
108	Non-parametric mass reconstruction of A1689 from strong lensing data with the Strong Lensing Analysis Package. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1247-1258.	1.6	63

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109	Is a doomsday catastrophe likely?. Nature, 2005, 438, 754-754.	13.7	24
110	Detection of the Baryon Acoustic Peak in the Largeâ€Scale Correlation Function of SDSS Luminous Red Galaxies. Astrophysical Journal, 2005, 633, 560-574.	1.6	3,564
111	The Third Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2005, 129, 1755-1759.	1.9	634
112	What does inflation really predict?. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 001-001.	1.9	158
113	Anthropic predictions for neutrino masses. Physical Review D, 2005, 71, .	1.6	33
114	Uncorrelated measurements of the cosmic expansion history and dark energy from supernovae. Physical Review D, 2005, 71, .	1.6	157
115	How accurately can suborbital experiments measure the CMB?. Physical Review D, 2005, 71, .	1.6	5
116	Anthropic predictions for vacuum energy and neutrino masses. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 005-005.	1.9	19
117	The Threeâ€Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky Survey. Astrophysical Journal, 2004, 606, 702-740.	1.6	1,426
118	A scheme to deal accurately and efficiently with complex angular masks in galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2004, 349, 115-128.	1.6	93
119	New Dark Energy Constraints from Supernovae, Microwave Background, and Galaxy Clustering. Physical Review Letters, 2004, 92, 241302.	2.9	230
120	On Departures from a Power Law in the Galaxy Correlation Function. Astrophysical Journal, 2004, 608, 16-24.	1.6	253
121	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. Astronomical Journal, 2004, 128, 2577-2592.	1.9	73
122	The Second Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2004, 128, 502-512.	1.9	953
123	The Quest for Microwave Foreground X. Astrophysical Journal, 2004, 606, L89-L92.	1.6	83
124	Cosmological Parameters from Eigenmode Analysis of Sloan Digital Sky Survey Galaxy Redshifts. Astrophysical Journal, 2004, 607, 655-660.	1.6	211
125	Parallel Universes. Scientific American, 2003, 288, 40-51.	1.0	124
126	The First Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2003, 126, 2081-2086.	1.9	800

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128	Angular Clustering with Photometric Redshifts in the Sloan Digital Sky Survey: Bimodality in the Clustering Properties of Galaxies. Astrophysical Journal, 2003, 595, 59-70.	1.6	108
129	Karhunenâ€Loeve Estimation of the Power Spectrum Parameters from the Angular Distribution of Galaxies in Early Sloan Digital Sky Survey Data. Astrophysical Journal, 2003, 591, 1-11.	1.6	65
130	Parallel universes. Not just a staple of science fiction, other universes are a direct implication of cosmological observations. Scientific American, 2003, 288, 40-51.	1.0	8
131	Analysis of Systematic Effects and Statistical Uncertainties in Angular Clustering of Galaxies from Early Sloan Digital Sky Survey Data. Astrophysical Journal, 2002, 579, 48-75.	1.6	209
132	The Angular Correlation Function of Galaxies from Early Sloan Digital Sky Survey Data. Astrophysical Journal, 2002, 579, 42-47.	1.6	77
133	The Angular Power Spectrum of Galaxies from Early Sloan Digital Sky Survey Data. Astrophysical Journal, 2002, 571, 191-205.	1.6	74
134	Measuring Spacetime: From the Big Bang to Black Holes. Science, 2002, 296, 1427-1433.	6.0	28
135	Morphological Measures of Nonâ€Gaussianity in Cosmic Microwave Background Maps. Astrophysical Journal, Supplement Series, 2002, 141, 1-11.	3.0	30
136	The real-space power spectrum of the PSCzsurvey from 0.01 to 300â€ƒhâ€ƒMpcâˆ'1. Monthly Notices of the Royal Astronomical Society, 2002, 330, 506-530.	1.6	67
137	The power spectrum of galaxies in the 2dF 100k redshift survey. Monthly Notices of the Royal Astronomical Society, 2002, 335, 887-908.	1.6	139
138	Cosmic censorship. Nature, 2002, 415, 374-375.	13.7	1
139	A New Spin on Galactic Dust. Astrophysical Journal, 2002, 567, 363-369.	1.6	64
140	Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. Astrophysical Journal, 2002, 571, 172-190.	1.6	520
141	The Threeâ€dimensional Power Spectrum from Angular Clustering of Galaxies in Early Sloan Digital Sky Survey Data. Astrophysical Journal, 2002, 572, 140-156.	1.6	118
142	Twoâ€dimensional Topology of the Sloan Digital Sky Survey. Astrophysical Journal, 2002, 580, 663-671.	1.6	47
143	Why Is the Fraction of Fourâ€image Radio Lens Systems So High?. Astrophysical Journal, 2001, 553, 709-721.	1.6	68
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146	100 Years of Quantum Mysteries. Scientific American, 2001, 284, 68-75.	1.0	130
147	The Power Spectrum of the CfA/SSRS UZC Galaxy Redshift Survey. Astrophysical Journal, 2001, 550, 52-64.	1.6	17
148	Gaussianity of Degreeâ€Scale Cosmic Microwave Background Anisotropy Observations. Astrophysical Journal, 2001, 556, 582-589.	1.6	45
149	A Limit on the Large Angular Scale Polarization of the Cosmic Microwave Background. Astrophysical Journal, 2001, 560, L1-L4.	1.6	45
150	Foregrounds and Forecasts for the Cosmic Microwave Background. Astrophysical Journal, 2000, 530, 133-165.	1.6	255
151	A Spinâ€modulated Telescope to Make Twoâ€dimensional Cosmic Microwave Background Maps. Astrophysical Journal, 2000, 539, 52-56.	1.6	8
152	Largeâ€Scale Sunyaevâ€Zeldovich Effect: Measuring Statistical Properties with Multifrequency Maps. Astrophysical Journal, 2000, 540, 1-13.	1.6	71
153	Decorrelating the power spectrum of galaxies. Monthly Notices of the Royal Astronomical Society, 2000, 312, 285-294.	1.6	66
154	Linear redshift distortions and power in the IRAS Point Source Catalog Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2000, 317, L23-L27.	1.6	62
155	The dark side of distortion. Nature, 2000, 405, 133-134.	13.7	0
156	New Microwave Background Constraints on the Cosmic Matter Budget: Trouble for Nucleosynthesis?. Physical Review Letters, 2000, 85, 2240-2243.	2.9	98
157	Importance of quantum decoherence in brain processes. Physical Review E, 2000, 61, 4194-4206.	0.8	433
158	Time Evolution of Galaxy Formation and Bias in Cosmological Simulations. Astrophysical Journal, 2000, 531, 1-16.	1.6	69
159	Cosmic Microwave Background Maps from the HACME Experiment. Astrophysical Journal, 2000, 541, 535-541.	1.6	4
160	Galactic Contamination in the QMAP Experiment. Astrophysical Journal, 2000, 542, L5-L8.	1.6	20
161	Current Cosmological Constraints from a 10 Parameter Cosmic Microwave Background Analysis. Astrophysical Journal, 2000, 544, 30-42.	1.6	90
162	Cosmic Complementarity: Joint Parameter Estimation from Cosmic Microwave Background Experiments and Redshift Surveys. Astrophysical Journal, 1999, 518, 2-23.	1.6	288

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164	Comparing and Combining Cosmic Microwave Background Data Sets. Astrophysical Journal, 1999, 519, 513-517.	1.6	18
165	Cosmological Constraints from Current Cosmic Microwave Background and Type Ia Supernova Data: A Brute Force, Eight-Parameter Analysis. Astrophysical Journal, 1999, 514, L69-L72.	1.6	67
166	Observational Evidence for Stochastic Biasing. Astrophysical Journal, 1999, 518, L69-L72.	1.6	66
167	Is the Cosmic Microwave Background Really Non-Gaussian?. Astrophysical Journal, 1999, 524, L79-L82.	1.6	54
168	Cross-Correlation of Tenerife Data with Galactic Templatesâ€"Evidence for Spinning Dust?. Astrophysical Journal, 1999, 527, L9-L12.	1.6	90
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170	The Time Evolution of Bias. Astrophysical Journal, 1998, 500, L79-L82.	1.6	195
171	Weighing Neutrinos with Galaxy Surveys. Physical Review Letters, 1998, 80, 5255-5258.	2.9	350
172	Cosmic Complementarity: [ITAL]H[/ITAL][TINF]0[/TINF] and Î©[TINF][CLC][ITAL]m[/ITAL][/CLC][/TINF] from Combining Cosmic Microwave Background Experiments and Redshift Surveys. Astrophysical Journal, 1998, 504, L57-L60.	1.6	194
173	Galactic Emission at 19 GH[CLC]z[/CLC]. Astrophysical Journal, 1998, 509, L9-L12.	1.6	64
174	Removing Realâ€World Foregrounds from Cosmic Microwave Background Maps. Astrophysical Journal, 1998, 502, 1-6.	1.6	48
175	Measuring the Galaxy Power Spectrum with Future Redshift Surveys. Astrophysical Journal, 1998, 499, 555-576.	1.6	175
176	Why Is the Cosmic Microwave Background Fluctuation Level 10â^'5?. Astrophysical Journal, 1998, 499, 526-532.	1.6	137
177	Mapping the Cosmic Microwave Background Anisotropy:Combined Analysis of QMAP Flights. Astrophysical Journal, 1998, 509, L77-L80.	1.6	60
178	Mapping the Cosmic Microwave Background Anisotropy:The Second Flight of the QMAP Experiment. Astrophysical Journal, 1998, 509, L73-L76.	1.6	23
179	Mapping the Cosmic Microwave Background Anisotropy:The First Flight of the QMAP Experiment. Astrophysical Journal, 1998, 509, L69-L72.	1.6	38
180	How to measure CMB power spectra without losing information. Physical Review D, 1997, 55, 5895-5907.	1.6	306

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183	Is lensing of point sources a problem for future CMB experiments?. Monthly Notices of the Royal Astronomical Society, 1997, 289, 169-174.	1.6	6
184	How Small Were the First Cosmological Objects?. Astrophysical Journal, 1997, 474, 1-12.	1.6	660
185	How to Make Maps from Cosmic Microwave Background Data without Losing Information. Astrophysical Journal, 1997, 480, L87-L90.	1.6	173
186	Karhunenâ€Łoeve Eigenvalue Problems in Cosmology: How Should We Tackle Large Data Sets?. Astrophysical Journal, 1997, 480, 22-35.	1.6	802
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189	A High-Resolution Map of the Cosmic Microwave Background around the North Celestial Pole. Astrophysical Journal, 1997, 474, L77-L80.	1.6	36
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