

Ruth Durrer

List of Publications by Year in descending order

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193
papers

8,863
citations

61687

45
h-index

56606

87
g-index

197
all docs

197
docs citations

197
times ranked

4713
citing authors

#	ARTICLE	IF	CITATIONS
1	Small scale effects in the observable power spectrum at large angular scales. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 035.	1.9	5
2	Lensing Magnification Seen by Gravitational Wave Detectors. <i>Universe</i> , 2022, 8, 19.	0.9	4
3	An estimator for the lensing potential from galaxy number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 024.	1.9	3
4	On the importance of lensing for galaxy clustering in photometric and spectroscopic surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 055.	1.9	25
5	Intrinsic and extrinsic correlations of galaxy shapes and sizes in weak lensing data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2594-2609.	1.6	9
6	Image rotation from lensing. <i>Classical and Quantum Gravity</i> , 2021, 38, 245008.	1.5	4
7	A new way to test the Cosmological Principle: measuring our peculiar velocity and the large-scale anisotropy independently. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 009.	1.9	24
8	Cosmological simulations of number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 021.	1.9	7
9	Primordial magnetic helicity evolution with a homogeneous magnetic field from inflation. <i>Physical Review D</i> , 2020, 102, .	1.6	14
10	Weak-lensing observables in relativistic N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2078-2095.	1.6	28
11	Generation of chiral asymmetry via helical magnetic fields. <i>Physical Review D</i> , 2020, 101, .	1.6	14
12	Nonlinear contributions to angular power spectra. <i>Physical Review D</i> , 2020, 101, .	1.6	24
13	Full-sky bispectrum in redshift space for 21cm intensity maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 003-003.	1.9	13
14	General and consistent statistics for cosmological observations. <i>Physical Review Research</i> , 2020, 2, .	1.3	17
15	Intensity mapping of the 21 cm emission: lensing. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 020-020.	1.9	16
16	Bias and scatter in the Hubble diagram from cosmological large-scale structure. <i>Physical Review D</i> , 2019, 100, .	1.6	34
17	The full-sky angular bispectrum in redshift space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 053-053.	1.9	38
18	Scale-invariant helical magnetic fields from inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 008-008.	1.9	38

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19	Cosmological number counts in Einstein and Jordan frames. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 071-071.	1.9	11
20	Polarization of a stochastic gravitational wave background through diffusion by massive structures. Physical Review D, 2019, 99, .	1.6	35
21	The observable Eg statistics. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 010-010.	1.9	10
22	Cosmological information contents on the light-cone. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 015-015.	1.9	13
23	Rotation of the CMB polarization by foreground lensing. Physical Review D, 2019, 100, .	1.6	10
24	Background photon temperature $\langle \hat{T} \rangle$: A new cosmological Parameter?. Physical Review D, 2019, 100, .	1.6	16
25	The cosmological consistency relation in a Universe with structure. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 034-034.	1.9	1
26	Safely smoothing spacetime: backreaction in relativistic cosmological simulations. Classical and Quantum Gravity, 2019, 36, 014001.	1.5	28
27	Redshift-space distortions from vector perturbations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 028-028.	1.9	11
28	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	8.2	602
29	The full-sky relativistic correlation function and power spectrum of galaxy number counts. Part I: theoretical aspects. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 019-019.	1.9	50
30	Redshift-space distortions from vector perturbations. II. Anisotropic signal. Physical Review D, 2018, 98, .	1.6	6
31	Tensor bounds on the hidden universe. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
32	COFFE: a code for the full-sky relativistic galaxy correlation function. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 032-032.	1.9	23
33	Editorial note to: A. G. Doroshkevich and I. D. Novikov, Mean density of radiation in the metagalaxy and certain problems in relativistic cosmology. General Relativity and Gravitation, 2018, 50, 1.	0.7	0
34	CMB lensing beyond the leading order: Temperature and polarization anisotropies. Physical Review D, 2018, 98, .	1.6	23
35	The generation of vorticity in cosmological N-body simulations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 006-006.	1.9	30
36	General relativistic corrections in density-shear correlations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 008-008.	1.9	14

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37	Statistical properties of scale-invariant helical magnetic fields and applications to cosmology. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 034-034.	1.9	16
38	Higher order relativistic galaxy number counts: dominating terms. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 010-010.	1.9	22
39	The Alcock Paczy'nski test with Baryon Acoustic Oscillations: systematic effects for future surveys. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 020-020.	1.9	8
40	Gauge-transformation properties of cosmological observables and its application to the light-cone average. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 016-016.	1.9	24
41	Impact of Next-to-Leading Order Contributions to Cosmic Microwave Background Lensing. Physical Review Letters, 2017, 118, 211301.	2.9	24
42	Vorticity generation in the Universe: A perturbative approach. Physical Review D, 2017, 95, .	1.6	22
43	Relativistic N-body simulations with massive neutrinos. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 004-004.	1.9	54
44	Scale-invariant helical magnetic field evolution and the duration of inflation. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 002-002.	1.9	22
45	Lensing corrections to the $\langle i \rangle E \langle i \rangle \langle sub \rangle \langle i \rangle g \langle i \rangle \langle /sub \rangle \langle i \rangle z \langle i \rangle$ statistics from large scale structure. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 035-035.	1.9	14
46	Cosmological measurements with general relativistic galaxy correlations. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 009-009.	1.9	57
47	CMB-lensing beyond the Born approximation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 028-028.	1.9	39
48	gevolution: a cosmological N-body code based on General Relativity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 053-053.	1.9	107
49	Vector perturbations of galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 037-037.	1.9	17
50	Lensing convergence and the neutrino mass scale in galaxy redshift surveys. Physical Review D, 2016, 94, .	1.6	37
51	Curvature constraints from large scale structure. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 013-013.	1.9	47
52	Lensing signals from spin-2 perturbations. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 024-024.	1.9	13
53	General relativity and cosmic structure formation. Nature Physics, 2016, 12, 346-349.	6.5	120
54	The bispectrum of relativistic galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 016-016.	1.9	53

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55	A general mass term for bigravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 051-051.	1.9	14
56	Detecting the cosmological neutrino background in the CMB. <i>Physical Review D</i> , 2015, 92, .	1.6	20
57	Measuring the lensing potential with tomographic galaxy number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 070-070.	1.9	63
58	Inflationary perturbations in bimetric gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 043-043.	1.9	10
59	Gravitational waves in bigravity cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 030-030.	1.9	46
60	The cosmic microwave background: the history of its experimental investigation and its significance for cosmology. <i>Classical and Quantum Gravity</i> , 2015, 32, 124007.	1.5	32
61	The imprint of inflation on the cosmic microwave background. <i>Comptes Rendus Physique</i> , 2015, 16, 948-959.	0.3	0
62	Does Small Scale Structure Significantly Affect Cosmological Dynamics?. <i>Physical Review Letters</i> , 2015, 114, 051302.	2.9	28
63	Cosmological ensemble and directional averages of observables. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 040-040.	1.9	34
64	Do we care about the distance to the CMB? Clarifying the impact of second-order lensing. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 050-050.	1.9	35
65	What is the distance to the CMB?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 036-036.	1.9	29
66	Cosmological parameter estimation with large scale structure observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 042-042.	1.9	56
67	Can self-ordering scalar fields explain the BICEP2 B-mode signal?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 029-029.	1.9	13
68	Distance-redshift relation in plane symmetric universes. <i>Physical Review D</i> , 2014, 89, .	1.6	16
69	Perturbations for massive gravity theories. <i>Physical Review D</i> , 2014, 89, .	1.6	19
70	Galaxy number counts to second order and their bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 017-017.	1.9	84
71	Cosmic microwave background temperature and polarization anisotropies from the large-Nlimit of global defects. <i>Physical Review D</i> , 2014, 89, .	1.6	9
72	Can Primordial Magnetic Fields be the Origin of the BICEP2 Data?. <i>Physical Review Letters</i> , 2014, 112, 191303.	2.9	44

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73	N -body methods for relativistic cosmology. Classical and Quantum Gravity, 2014, 31, 234006.	1.5	63
74	Value of H in the Inhomogeneous Universe. Physical Review Letters, 2014, 112, 221301.	2.0	111
75	A longitudinal gauge degree of freedom and the Pais Uhlenbeck field. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
76	Cosmological magnetic fields: their generation, evolution and observation. Astronomy and Astrophysics Review, 2013, 21, 1.	9.1	552
77	General relativistic N -body simulations in the weak field limit. Physical Review D, 2013, 88, .	1.6	78
78	Explosive particle production in non-commutative inflation. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
79	Stability of Horndeski vector-tensor interactions. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 064-064.	1.9	77
80	The CLASSgal code for relativistic cosmological large scale structure. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 044-044.	1.9	136
81	Magnetic fields from inflation: The CMB temperature anisotropies. Physical Review D, 2013, 88, .	1.6	31
82	Comment on "Origin of Cosmic Magnetic Fields". Physical Review Letters, 2013, 111, 229001.	2.9	6
83	Back reaction from walls. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 036-036.	1.9	14
84	The Kolmogorov-Smirnov test for the CMB. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 009-009.	1.9	4
85	Vector and tensor contributions to the luminosity distance. Physical Review D, 2012, 86, .	1.6	20
86	New method for the Alcock-Paczyński test. Physical Review D, 2012, 86, .	1.6	35
87	Do the cosmological observational data prefer phantom dark energy?. Physical Review D, 2012, 86, .	1.6	40
88	Magnetic fields from inflation: The transition to the radiation era. Physical Review D, 2012, 86, .	1.6	31
89	Mode spectrum of the electromagnetic field in open universe models. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2705-2710.	1.6	15
90	Testing superstring theories with gravitational waves. Physical Review D, 2011, 84, .	1.6	24

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91	Analytic approach to baryon acoustic oscillations. <i>Physical Review D</i> , 2011, 84, .	1.6	9
92	Effects of biasing on the galaxy power spectrum at large scales. <i>Physical Review D</i> , 2011, 83, .	1.6	18
93	What do we really know about dark energy?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 5102-5114.	1.6	34
94	The local B-polarization of the CMB: A very sensitive probe of cosmic defects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 695, 26-29.	1.5	22
95	Can slow roll inflation induce relevant helical magnetic fields?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 037-037.	1.9	121
96	A large scale coherent magnetic field: interactions with free streaming particles and limits from the CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 017-017.	1.9	20
97	Observational constraints on scalar field models of dark energy with barotropic equation of state. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 004-004.	1.9	16
98	What galaxy surveys really measure. <i>Physical Review D</i> , 2011, 84, .	1.6	351
99	On infrared and ultraviolet divergences of cosmological perturbations. <i>Physical Review D</i> , 2011, 83, .	1.6	35
100	Model-independent cosmological constraints from the CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 023-023.	1.9	59
101	Gravitational waves from cosmological phase transitions. <i>Journal of Physics: Conference Series</i> , 2010, 222, 012021.	0.3	15
102	Dark energy and modified gravity. , 2010, , 48-91.		9
103	Detection of gravitational waves from the QCD phase transition with pulsar timing arrays. <i>Physical Review D</i> , 2010, 82, .	1.6	98
104	CMB anisotropies from acausal scaling seeds. <i>Physical Review D</i> , 2009, 79, .	1.6	8
105	Can the observed large scale magnetic fields be seeded by helical primordial fields?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 001-001.	1.9	46
106	Gravitational waves from self-ordering scalar fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 005-005.	1.9	61
107	Graviton production in brane worlds by the dynamical Casimir effect. , 2009, , .		0
108	Adiabatic renormalization of inflationary perturbations. <i>Physical Review D</i> , 2009, 80, .	1.6	36

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109	Interactions of cosmological gravitational waves and magnetic fields. <i>Physical Review D</i> , 2009, 79, .	1.6	7
110	Graviton production in noninflationary cosmology. <i>Physical Review D</i> , 2009, 79, .	1.6	9
111	General properties of the gravitational wave spectrum from phase transitions. <i>Physical Review D</i> , 2009, 79, .	1.6	188
112	Graviton production in anti-deSitter braneworld cosmology: A fully consistent treatment of the boundary condition. <i>Physical Review D</i> , 2009, 79, .	1.6	1
113	The stochastic gravitational wave background from turbulence and magnetic fields generated by a first-order phase transition. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 024-024.	1.9	303
114	<i>Astrophysical Cosmology</i> , 2009, , 203-299.		1
115	Next Challenges. , 2009, , 429-501.		0
116	The Evolution of the Universe. , 2009, , 27-38.		0
117	Cosmic microwave background. , 2009, , .		0
118	Dark energy and dark gravity: theory overview. <i>General Relativity and Gravitation</i> , 2008, 40, 301-328.	0.7	224
119	Editorial on the GRG special issue on dark energy. <i>General Relativity and Gravitation</i> , 2008, 40, 219-220.	0.7	6
120	Generalized Einstein-Aether theories and the Solar System. <i>Physical Review D</i> , 2008, 77, .	1.6	22
121	Testing Lorentz invariance violation with Wilkinson Microwave Anisotropy Probe five year data. <i>Physical Review D</i> , 2008, 78, .	1.6	52
122	Is cosmology compatible with blue gravity waves?. <i>Physical Review D</i> , 2008, 77, .	1.6	15
123	Gravitational wave generation from bubble collisions in first-order phase transitions: An analytic approach. <i>Physical Review D</i> , 2008, 77, .	1.6	222
124	Dynamical Casimir Effect in Braneworlds. <i>Physical Review Letters</i> , 2007, 99, 071601.	2.9	29
125	Microlensing modulation by quadrupole variation. <i>Physical Review D</i> , 2007, 75, .	1.6	4
126	Dynamical Casimir effect for gravitons in bouncing braneworlds. <i>Physical Review D</i> , 2007, 76, .	1.6	17

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127	Cosmic magnetic fields and the CMB. <i>New Astronomy Reviews</i> , 2007, 51, 275-280.	5.2	39
128	No-Go Theorem for k-Essence Dark Energy. <i>Physical Review Letters</i> , 2006, 97, 081303.	2.9	87
129	Gravitational waves from stochastic relativistic sources: Primordial turbulence and magnetic fields. <i>Physical Review D</i> , 2006, 74, .	1.6	186
130	Constraining gravitino dark matter with the cosmic microwave background. <i>Physical Review D</i> , 2006, 73, .	1.6	30
131	Frequency of gravitational waves. <i>Physical Review D</i> , 2006, 74, .	1.6	18
132	Fluctuations of the luminosity distance. <i>Physical Review D</i> , 2006, 73, .	1.6	154
133	Dipole of the Luminosity Distance: A Direct Measure of $H(z)$. <i>Physical Review Letters</i> , 2006, 96, 191302.	2.9	100
134	ASTRONOMY: Is the Mystery of Cosmic Magnetic Fields Solved?. <i>Science</i> , 2006, 311, 787-788.	6.0	4
135	COSMOLOGICAL INSTABILITIES FROM VECTOR PERTURBATIONS IN BRANEWORLDS. , 2006, , .		0
136	LIMITING BRANEWORLDS WITH THE BINARY PULSAR. , 2006, , .		0
137	TESTING THE PARADIGM OF ADIABATICITY. , 2006, , .		0
138	Braneworlds. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	14
139	Tachyonic perturbations in AdS5 orbifolds. <i>Physical Review D</i> , 2005, 71, .	1.6	6
140	On graviton production in braneworld cosmology. <i>Physical Review D</i> , 2005, 72, .	1.6	16
141	Limits on stochastic magnetic fields: A defense of our paper. <i>Physical Review D</i> , 2005, 72, .	1.6	12
142	Testing extra dimensions with the binary pulsar. <i>Classical and Quantum Gravity</i> , 2004, 21, 2127-2137.	1.5	15
143	Cosmic microwave background and helical magnetic fields: The tensor mode. <i>Physical Review D</i> , 2004, 69, .	1.6	121
144	Cosmological perturbations and the transition from contraction to expansion. <i>Physical Review D</i> , 2003, 67, .	1.6	63

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145	Primordial magnetic fields and causality. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 010-010.	1.9	163
146	Acoustic Peaks and Dips in the Cosmic Microwave Background Power Spectrum: Observational Data and Cosmological Constraints. <i>Astrophysical Journal</i> , 2003, 583, 33-48.	1.6	29
147	Bias and the Power Spectrum beyond the Turnover. <i>Astrophysical Journal</i> , 2003, 585, L1-L4.	1.6	28
148	Adiabatic perturbations in pre-big bang models: Matching conditions and scale invariance. <i>Physical Review D</i> , 2002, 66, .	1.6	112
149	Cosmic structure formation with topological defects. <i>Physics Reports</i> , 2002, 364, 1-81.	10.3	143
150	Physics of Cosmic Microwave Background Anisotropies and Primordial Fluctuations. <i>Space Science Reviews</i> , 2002, 100, 3-14.	3.7	2
151	Physics of Cosmic Microwave Background Anisotropies and Primordial Fluctuations. <i>Space Sciences Series of ISSI</i> , 2002, , 3-14.	0.0	0
152	CMB signatures of a primordial magnetic field. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	6
153	Cosmological parameters from complementary observations of the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 324, 560-572.	1.6	12
154	Cosmic Microwave Background Anisotropies with Mixed Isocurvature Perturbations. <i>Physical Review Letters</i> , 2001, 87, 231301.	2.9	58
155	Gravitational wave production: A strong constraint on primordial magnetic fields. <i>Physical Review D</i> , 2001, 65, .	1.6	142
156	Dynamical instabilities of the Randall-Sundrum model. <i>Physical Review D</i> , 2001, 64, .	1.6	11
157	Biasing in Gaussian Random Fields and Galaxy Correlations. <i>Astrophysical Journal</i> , 2000, 531, L1-L4.	1.6	17
158	Anisotropic 'hairs' in string cosmology. <i>Classical and Quantum Gravity</i> , 2000, 17, 2597-2603.	1.5	19
159	Kalb-Ramond axion production in anisotropic string cosmologies. <i>Physical Review D</i> , 2000, 62, .	1.6	10
160	Skewness as a probe of non-Gaussian initial conditions. <i>Physical Review D</i> , 2000, 62, .	1.6	28
161	Cosmic Microwave Background Anisotropies and Extra Dimensions in String Cosmology. <i>Physical Review Letters</i> , 1999, 83, 4464-4467.	2.9	30
162	Are there static textures?. <i>Physical Review D</i> , 1999, 59, .	1.6	3

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163	Topological defects in cosmology. <i>New Astronomy Reviews</i> , 1999, 43, 111-156.	5.2	33
164	Dynamics of Pairwise Motions. <i>Astrophysical Journal</i> , 1999, 518, L25-L28.	1.6	45
165	Cosmic microwave background anisotropies from scaling seeds: Generic properties of the correlation functions. <i>Physical Review D</i> , 1998, 57, R3199-R3203.	1.6	30
166	Angular projections of fractal sets. <i>Europhysics Letters</i> , 1997, 40, 491-496.	0.7	11
167	Cosmic microwave background anisotropies induced by global scalar fields: The large N limit. <i>Physical Review D</i> , 1997, 55, R4516-R4520.	1.6	21
168	Microwave background anisotropies from scaling seed perturbations. <i>Physical Review D</i> , 1997, 56, 4480-4493.	1.6	30
169	Cosmic Microwave Background Anisotropies from Scaling Seeds: Fit to Observational Data. <i>Physical Review Letters</i> , 1997, 79, 5198-5201.	2.9	20
170	Anisotropies in the cosmic microwave background: Theoretical foundations. <i>International Journal of Theoretical Physics</i> , 1997, 36, 2469-2487.	0.5	1
171	Calculation of the large-N limit of CMB anisotropies induced by global scalar fields. <i>International Journal of Theoretical Physics</i> , 1997, 36, 2489-2501.	0.5	1
172	Dunkle Materie im Universum. <i>Physik in Unserer Zeit</i> , 1997, 28, 16-21.	0.0	3
173	Doppler Peaks in the Angular Power Spectrum of the Cosmic Microwave Background: A Fingerprint of Topological Defects. <i>Physical Review Letters</i> , 1996, 76, 579-582.	2.9	58
174	Large-scale structure formation with global topological defects. <i>Physical Review D</i> , 1996, 53, 5394-5410.	1.6	31
175	The oscillating universe: an alternative to inflation. <i>Classical and Quantum Gravity</i> , 1996, 13, 1069-1087.	1.5	36
176	Structure Formation in the Universe from Texture Induced Fluctuations. <i>Physical Review Letters</i> , 1995, 74, 1701-1704.	2.9	9
177	Structure Formation with Global Texture1. <i>Annals of the New York Academy of Sciences</i> , 1995, 759, 688-691.	1.8	0
178	Global Field Dynamics and Cosmological Structure Formation. <i>NATO ASI Series Series B: Physics</i> , 1995, , 255-281.	0.2	0
179	Light deflection in perturbed Friedmann universes. <i>Physical Review Letters</i> , 1994, 72, 3301-3304.	2.9	18
180	Microwave anisotropies from texture-seeded structure formation. <i>Physical Review D</i> , 1994, 49, 681-691.	1.6	17

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181	New contribution to cosmological perturbations of some inflationary models. Physical Review D, 1994, 50, 6115-6122.	1.6	7
182	General relativistic textures and their interactions with matter and radiation. Nuclear Physics B, 1992, 368, 527-553.	0.9	12
183	Cosmology in the Laboratory: Defect Dynamics in Liquid Crystals. Science, 1991, 251, 1336-1342.	6.0	595
184	General relativistic collapse of textures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 259, 48-52.	1.5	11
185	Gauge-invariant cosmological perturbation theory with seeds. Physical Review D, 1990, 42, 2533-2540.	1.6	57
186	The cosmological constant and galaxy formation. Monthly Notices of the Royal Astronomical Society, 1990, 242, 221-223.	1.6	7
187	Antipodal microwave. Astrophysical Journal, 1990, 356, 49.	1.6	3
188	Gravitational angular momentum radiation of cosmic strings. Nuclear Physics B, 1989, 328, 238-271.	0.9	26
189	CMB anisotropies. , 0, , 134-175.		0
190	CMB polarization and the total angular momentum approach. , 0, , 176-209.		0
191	Lensing and the CMB. , 0, , 278-303.		0
192	The CMB spectrum. , 0, , 304-325.		0
193	2 Cosmological Perturbation Theory. Lecture Notes in Physics, 0, , 31-69.	0.3	20