Ruth Durrer

List of Publications by Year
in descending order

193 papers	8,863 citations	53794 45 h-index	49909 87 g-index
197 all docs	197 docs citations	197 times ranked	4365 citing authors

#	Article	IF	Citations
1	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
2	Cosmology in the Laboratory: Defect Dynamics in Liquid Crystals. Science, 1991, 251, 1336-1342.	12.6	595
3	Cosmological magnetic fields: their generation, evolution and observation. Astronomy and Astrophysics Review, 2013, 21, 1.	25.5	552
4	What galaxy surveys really measure. Physical Review D, 2011, 84, .	4.7	351
5	The stochastic gravitational wave background from turbulence and magnetic fields generated by a first-order phase transition. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 024-024.	5.4	303
6	Dark energy and dark gravity: theory overview. General Relativity and Gravitation, 2008, 40, 301-328.	2.0	224
7	Gravitational wave generation from bubble collisions in first-order phase transitions: An analytic approach. Physical Review D, 2008, 77, .	4.7	222
8	General properties of the gravitational wave spectrum from phase transitions. Physical Review D, 2009, 79, .	4.7	188
9	Gravitational waves from stochastic relativistic sources: Primordial turbulence and magnetic fields. Physical Review D, 2006, 74, .	4.7	186
10	Primordial magnetic fields and causality. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 010-010.	5.4	163
11	Fluctuations of the luminosity distance. Physical Review D, 2006, 73, .	4.7	154
12	Cosmic structure formation with topological defects. Physics Reports, 2002, 364, 1-81.	25.6	143
13	Gravitational wave production: A strong constraint on primordial magnetic fields. Physical Review D, 2001, 65, .	4.7	142
14	The CLASSgal code for relativistic cosmological large scale structure. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 044-044.	5.4	136
15	Cosmic microwave background and helical magnetic fields: The tensor mode. Physical Review D, 2004, 69, .	4.7	121
16	Can slow roll inflation induce relevant helical magnetic fields?. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 037-037.	5.4	121
17	General relativity and cosmic structure formation. Nature Physics, 2016, 12, 346-349.	16.7	120
18	Adiabatic perturbations in pre-big bang models: Matching conditions and scale invariance. Physical Review D, 2002, 66, .	4.7	112

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19	gevolution: a cosmological N-body code based on General Relativity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 053-053.	5.4	107
20	Dipole of the Luminosity Distance: A Direct Measure of H(z). Physical Review Letters, 2006, 96, 191302.	7.8	100
21	Detection of gravitational waves from the QCD phase transition with pulsar timing arrays. Physical Review D, 2010, 82, .	4.7	98
22	No-Go Theorem for k-Essence Dark Energy. Physical Review Letters, 2006, 97, 081303.	7.8	87
23	Galaxy number counts to second order and their bispectrum. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 017-017.	5.4	84
24	Value of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> in the Inhomogeneous Universe. Physical Review Letters, 2014, 112, 221301.	7.8	81
25	General relativistic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi></mml:math>-body simulations in the weak field limit. Physical Review D, 2013, 88, .	4.7	78
26	Stability of Horndeski vector-tensor interactions. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 064-064.	5.4	77
27	Cosmological perturbations and the transition from contraction to expansion. Physical Review D, 2003, 67, .	4.7	63
28	N -body methods for relativistic cosmology. Classical and Quantum Gravity, 2014, 31, 234006.	4.0	63
29	Measuring the lensing potential with tomographic galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 070-070.	5.4	63
30	Gravitational waves from self-ordering scalar fields. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 005-005.	5.4	61
31	Model-independent cosmological constraints from the CMB. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 023-023.	5.4	59
32	Doppler Peaks in the Angular Power Spectrum of the Cosmic Microwave Background: A Fingerprint of Topological Defects. Physical Review Letters, 1996, 76, 579-582.	7.8	58
33	Cosmic Microwave Background Anisotropies with Mixed Isocurvature Perturbations. Physical Review Letters, 2001, 87, 231301.	7.8	58
34	Gauge-invariant cosmological perturbation theory with seeds. Physical Review D, 1990, 42, 2533-2540.	4.7	57
35	Cosmological measurements with general relativistic galaxy correlations. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 009-009.	5.4	57
36	Cosmological parameter estimation with large scale structure observations. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 042-042.	5.4	56

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37	Relativistic N-body simulations with massive neutrinos. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 004-004.	5.4	54
38	The bispectrum of relativistic galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 016-016.	5.4	53
39	Testing Lorentz invariance violation with Wilkinson Microwave Anisotropy Probe five year data. Physical Review D, 2008, 78, .	4.7	52
40	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.	5.4	50
41	Curvature constraints from large scale structure. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 013-013.	5.4	47
42	Can the observed large scale magnetic fields be seeded by helical primordial fields?. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 001-001.	5.4	46
43	Gravitational waves in bigravity cosmology. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 030-030.	5.4	46
44	Dynamics of Pairwise Motions. Astrophysical Journal, 1999, 518, L25-L28.	4.5	45
45	Can Primordial Magnetic Fields be the Origin of the BICEP2 Data?. Physical Review Letters, 2014, 112, 191303.	7.8	44
46	Do the cosmological observational data prefer phantom dark energy?. Physical Review D, 2012, 86, .	4.7	40
47	Cosmic magnetic fields and the CMB. New Astronomy Reviews, 2007, 51, 275-280.	12.8	39
48	CMB-lensing beyond the Born approximation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 028-028.	5.4	39
49	The full-sky angular bispectrum in redshift space. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 053-053.	5.4	38
50	Scale-invariant helical magnetic fields from inflation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 008-008.	5.4	38
51	Lensing convergence and the neutrino mass scale in galaxy redshift surveys. Physical Review D, 2016, 94, .	4.7	37
52	The oscillating universe: an alternative to inflation. Classical and Quantum Gravity, 1996, 13, 1069-1087.	4.0	36
53	Adiabatic renormalization of inflationary perturbations. Physical Review D, 2009, 80, .	4.7	36
54	On infrared and ultraviolet divergences of cosmological perturbations. Physical Review D, 2011, 83, .	4.7	35

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55	New method for the Alcock-PaczyÅ„ski test. Physical Review D, 2012, 86, .	4.7	35
56	Do we care about the distance to the CMB? Clarifying the impact of second-order lensing. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 050-050.	5.4	35
57	Polarization of a stochastic gravitational wave background through diffusion by massive structures. Physical Review D, 2019, 99, .	4.7	35
58	What do we really know about dark energy?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 5102-5114.	3.4	34
59	Cosmological ensemble and directional averages of observables. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 040-040.	5.4	34
60	Bias and scatter in the Hubble diagram from cosmological large-scale structure. Physical Review D, 2019, 100, .	4.7	34
61	Topological defects in cosmology. New Astronomy Reviews, 1999, 43, 111-156.	12.8	33
62	The cosmic microwave background: the history of its experimental investigation and its significance for cosmology. Classical and Quantum Gravity, 2015, 32, 124007.	4.0	32
63	Large-scale structure formation with global topological defects. Physical Review D, 1996, 53, 5394-5410.	4.7	31
64	Magnetic fields from inflation: The transition to the radiation era. Physical Review D, 2012, 86, .	4.7	31
65	Magnetic fields from inflation: The CMB temperature anisotropies. Physical Review D, 2013, 88, .	4.7	31
66	Microwave background anisotropies from scaling seed perturbations. Physical Review D, 1997, 56, 4480-4493.	4.7	30
67	Cosmic microwave background anisotropies from scaling seeds: Generic properties of the correlation functions. Physical Review D, 1998, 57, R3199-R3203.	4.7	30
68	Cosmic Microwave Background Anisotropies and Extra Dimensions in String Cosmology. Physical Review Letters, 1999, 83, 4464-4467.	7.8	30
69	Constraining gravitino dark matter with the cosmic microwave background. Physical Review D, 2006, 73, .	4.7	30
70	The generation of vorticity in cosmological N-body simulations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 006-006.	5.4	30
71	Acoustic Peaks and Dips in the Cosmic Microwave Background Power Spectrum: Observational Data and Cosmological Constraints. Astrophysical Journal, 2003, 583, 33-48.	4.5	29
72	Dynamical Casimir Effect in Braneworlds. Physical Review Letters, 2007, 99, 071601.	7.8	29

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73	What is the distance to the CMB?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 036-036.	5.4	29
74	Skewness as a probe of non-Gaussian initial conditions. Physical Review D, 2000, 62, .	4.7	28
75	Does Small Scale Structure Significantly Affect Cosmological Dynamics?. Physical Review Letters, 2015, 114, 051302.	7.8	28
76	Safely smoothing spacetime: backreaction in relativistic cosmological simulations. Classical and Quantum Gravity, 2019, 36, 014001.	4.0	28
77	Weak-lensing observables in relativistic N-body simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2078-2095.	4.4	28
78	Bias and the Power Spectrum beyond the Turnover. Astrophysical Journal, 2003, 585, L1-L4.	4.5	28
79	Gravitational angular momentum radiation of cosmic strings. Nuclear Physics B, 1989, 328, 238-271.	2.5	26
80	On the importance of lensing for galaxy clustering in photometric and spectroscopic surveys. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 055.	5.4	25
81	Testing superstring theories with gravitational waves. Physical Review D, 2011, 84, .	4.7	24
82	Gauge-transformation properties of cosmological observables and its application to the light-cone average. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 016-016.	5.4	24
83	Impact of Next-to-Leading Order Contributions to Cosmic Microwave Background Lensing. Physical Review Letters, 2017, 118, 211301.	7.8	24
84	Nonlinear contributions to angular power spectra. Physical Review D, 2020, 101, .	4.7	24
85	A new way to test the Cosmological Principle: measuring our peculiar velocity and the large-scale anisotropy independently. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 009.	5.4	24
86	COFFE: a code for the full-sky relativistic galaxy correlation function. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 032-032.	5.4	23
87	CMB lensing beyond the leading order: Temperature and polarization anisotropies. Physical Review D, 2018, 98, .	4.7	23
88	Generalized Einstein-Aether theories and the Solar System. Physical Review D, 2008, 77, .	4.7	22
89	The local B-polarization of the CMB: A very sensitive probe of cosmic defects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 26-29.	4.1	22
90	Higher order relativistic galaxy number counts: dominating terms. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 010-010.	5.4	22

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91	Vorticity generation in the Universe: A perturbative approach. Physical Review D, 2017, 95, .	4.7	22
92	Scale-invariant helical magnetic field evolution and the duration of inflation. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 002-002.	5.4	22
93	Cosmic microwave background anisotropies induced by global scalar fields: The largeNlimit. Physical Review D, 1997, 55, R4516-R4520.	4.7	21
94	Cosmic Microwave Background Anisotropies from Scaling Seeds: Fit to Observational Data. Physical Review Letters, 1997, 79, 5198-5201.	7.8	20
95	2 Cosmological Perturbation Theory. Lecture Notes in Physics, 0, , 31-69.	0.7	20
96	A large scale coherent magnetic field: interactions with free streaming particles and limits from the CMB. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 017-017.	5.4	20
97	Vector and tensor contributions to the luminosity distance. Physical Review D, 2012, 86, .	4.7	20
98	Detecting the cosmological neutrino background in the CMB. Physical Review D, 2015, 92, .	4.7	20
99	Anisotropic `hairs' in string cosmology. Classical and Quantum Gravity, 2000, 17, 2597-2603.	4.0	19
100	A longitudinal gauge degree of freedom and the Pais Uhlenbeck field. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
101	Perturbations for massive gravity theories. Physical Review D, 2014, 89, .	4.7	19
102	Light deflection in perturbed Friedmann universes. Physical Review Letters, 1994, 72, 3301-3304.	7.8	18
103	Frequency of gravitational waves. Physical Review D, 2006, 74, .	4.7	18
104	Effects of biasing on the galaxy power spectrum at large scales. Physical Review D, 2011, 83, .	4.7	18
105	Microwave anisotropies from texture-seeded structure formation. Physical Review D, 1994, 49, 681-691.	4.7	17
106	Biasing in Gaussian Random Fields and Galaxy Correlations. Astrophysical Journal, 2000, 531, L1-L4.	4.5	17
107	Dynamical Casimir effect for gravitons in bouncing braneworlds. Physical Review D, 2007, 76, .	4.7	17
108	Vector perturbations of galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 037-037.	5.4	17

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109	General and consistent statistics for cosmological observations. Physical Review Research, 2020, 2, .	3.6	17
110	On graviton production in braneworld cosmology. Physical Review D, 2005, 72, .	4.7	16
111	Observational constraints on scalar field models of dark energy with barotropic equation of state. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 004-004.	5.4	16
112	Distance-redshift relation in plane symmetric universes. Physical Review D, 2014, 89, .	4.7	16
113	Statistical properties of scale-invariant helical magnetic fields and applications to cosmology. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 034-034.	5.4	16
114	Intensity mapping of the 21 cm emission: lensing. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 020-020.	5.4	16
115	Background photon temperature <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mover accent="true"><mml:mi>T</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math> : A new cosmological Parameter?. Physical Review D, 2019, 100, .	4.7	16
116	Testing extra dimensions with the binary pulsar. Classical and Quantum Gravity, 2004, 21, 2127-2137.	4.0	15
117	Is cosmology compatible with blue gravity waves?. Physical Review D, 2008, 77, .	4.7	15
118	Gravitational waves from cosmological phase transitions. Journal of Physics: Conference Series, 2010, 222, 012021.	0.4	15
119	Mode spectrum of the electromagnetic field in open universe models. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2705-2710.	4.4	15
120	Braneworlds. AIP Conference Proceedings, 2005, , .	0.4	14
121	Back reaction from walls. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 036-036.	5.4	14
122	Lensing corrections to theE_g(z) statistics from large scale structure. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 035-035.	5.4	14
123	General relativistic corrections in density-shear correlations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 008-008.	5.4	14
124	Primordial magnetic helicity evolution with a homogeneous magnetic field from inflation. Physical Review D, 2020, 102, .	4.7	14
125	Generation of chiral asymmetry via helical magnetic fields. Physical Review D, 2020, 101, .	4.7	14
126	A general mass term for bigravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 051-051.	5.4	14

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127	Can self-ordering scalar fields explain the BICEP2 B-mode signal?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	5.4	13
128	Lensing signals from spin-2 perturbations. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 024-024.	5.4	13
129	Cosmological information contents on the light-cone. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 015-015.	5.4	13
130	Full-sky bispectrum in redshift space for 21cm intensity maps. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 003-003.	5.4	13
131	General relativistic textures and their interactions with matter and radiation. Nuclear Physics B, 1992, 368, 527-553.	2.5	12
132	Cosmological parameters from complementary observations of the Universe. Monthly Notices of the Royal Astronomical Society, 2001, 324, 560-572.	4.4	12
133	Limits on stochastic magnetic fields: A defense of our paper. Physical Review D, 2005, 72, .	4.7	12
134	General relativistic collapse of textures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 259, 48-52.	4.1	11
135	Angular projections of fractal sets. Europhysics Letters, 1997, 40, 491-496.	2.0	11
136	Dynamical instabilities of the Randall-Sundrum model. Physical Review D, 2001, 64, .	4.7	11
137	Redshift-space distortions from vector perturbations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 028-028.	5.4	11
138	Tensor bounds on the hidden universe. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
139	Cosmological number counts in Einstein and Jordan frames. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 071-071.	5.4	11
140	Kalb-Ramond axion production in anisotropic string cosmologies. Physical Review D, 2000, 62, .	4.7	10
141	Inflationary perturbations in bimetric gravity. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 043-043.	5.4	10
142	The observable Eg statistics. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 010-010.	5.4	10
143	Rotation of the CMB polarization by foreground lensing. Physical Review D, 2019, 100, .	4.7	10
144	Structure Formation in the Universe from Texture Induced Fluctuations. Physical Review Letters, 1995, 74, 1701-1704.	7.8	9

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145	Graviton production in noninflationary cosmology. Physical Review D, 2009, 79, .	4.7	9
146	Dark energy and modified gravity. , 2010, , 48-91.		9
147	Analytic approach to baryon acoustic oscillations. Physical Review D, 2011, 84, .	4.7	9
148	Cosmic microwave background temperature and polarization anisotropies from the large-Nlimit of global defects. Physical Review D, 2014, 89, .	4.7	9
149	Intrinsic and extrinsic correlations of galaxy shapes and sizes in weak lensing data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2594-2609.	4.4	9
150	CMB anisotropies from acausal scaling seeds. Physical Review D, 2009, 79, .	4.7	8
151	The Alcock Paczy'nski test with Baryon Acoustic Oscillations: systematic effects for future surveys. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 020-020.	5.4	8
152	The cosmological constant and galaxy formation. Monthly Notices of the Royal Astronomical Society, 1990, 242, 221-223.	4.4	7
153	New contribution to cosmological perturbations of some inflationary models. Physical Review D, 1994, 50, 6115-6122.	4.7	7
154	Interactions of cosmological gravitational waves and magnetic fields. Physical Review D, 2009, 79, .	4.7	7
155	Cosmological simulations of number counts. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 021.	5.4	7
156	CMB signatures of a primordial magnetic field. AIP Conference Proceedings, 2001, , .	0.4	6
157	Tachyonic perturbations inAdS5orbifolds. Physical Review D, 2005, 71, .	4.7	6
158	Editorial on the GRG special issue on dark energy. General Relativity and Gravitation, 2008, 40, 219-220.	2.0	6
159	Explosive particle production in non-commutative inflation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
160	Comment on â€œOrigin of Cosmic Magnetic Fieldsâ€• Physical Review Letters, 2013, 111, 229001.	7.8	6
161	Redshift-space distortions from vector perturbations. II. Anisotropic signal. Physical Review D, 2018, 98, .	4.7	6
162	Small scale effects in the observable power spectrum at large angular scales. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 035.	5.4	5

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163	ASTRONOMY: Is the Mystery of Cosmic Magnetic Fields Solved?. Science, 2006, 311, 787-788.	12.6	4
164	Microlensing modulation by quadrupole variation. Physical Review D, 2007, 75, .	4.7	4
165	The Kolmogorov-Smirnov test for the CMB. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 009-009.	5.4	4
166	Image rotation from lensing. Classical and Quantum Gravity, 2021, 38, 245008.	4.0	4
167	Lensing Magnification Seen by Gravitational Wave Detectors. Universe, 2022, 8, 19.	2.5	4
168	Dunkle Materie im Universum. Physik in Unserer Zeit, 1997, 28, 16-21.	0.0	3
169	Are there static textures?. Physical Review D, 1999, 59, .	4.7	3
170	Antipodal microwave. Astrophysical Journal, 1990, 356, 49.	4.5	3
171	An estimator for the lensing potential from galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 024.	5.4	3
172	Physics of Cosmic Microwave Background Anisotropies and Primordial Fluctuations. Space Science Reviews, 2002, 100, 3-14.	8.1	2
173	Anisotropies in the cosmic microwave background: Theoretical foundations. International Journal of Theoretical Physics, 1997, 36, 2469-2487.	1.2	1
174	Calculation of the large-N limit of CMB anisotropies induced by global scalar fields. International Journal of Theoretical Physics, 1997, 36, 2489-2501.	1.2	1
175	Graviton production in anti-deÂSitter braneworld cosmology: A fully consistent treatment of the boundary condition. Physical Review D, 2009, 79, .	4.7	1
176	The cosmological consistency relation in a Universe with structure. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 034-034.	5.4	1
177	Astrophysical Cosmology. , 2009, , 203-299.		1
178	CMB anisotropies. , 0, , 134-175.		0
179	CMB polarization and the total angular momentum approach. , 0, , 176-209.		0
180	Lensing and the CMB. , 0, , 278-303.		0

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181	The CMB spectrum. , 0, , 304-325.		0
182	Structure Formation with Global Texture1. Annals of the New York Academy of Sciences, 1995, 759, 688-691.	3.8	0
183	Graviton production in brane worlds by the dynamical Casimir effect. , 2009, , .		0
184	The imprint of inflation on the cosmic microwave background. Comptes Rendus Physique, 2015, 16, 948-959.	0.9	0
185	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.	2.0	0
186	Physics of Cosmic Microwave Background Anisotropies and Primordial Fluctuations. Space Sciences Series of ISSI, 2002, , 3-14.	0.0	0
187	COSMOLOGICAL INSTABILITIES FROM VECTOR PERTURBATIONS IN BRANEWORLDS. , 2006, , .		0
188	LIMITING BRANEWORLDS WITH THE BINARY PULSAR. , 2006, , .		0
189	TESTING THE PARADIGM OF ADIABATICITY. , 2006, , .		0
190	Next Challenges. , 2009, , 429-501.		0
191	The Evolution of the Universe. , 2009, , 27-38.		0
192	Cosmic microwave backgrond. , 2009, , .		0
193	Global Field Dynamics and Cosmological Structure Formation. NATO ASI Series Series B: Physics, 1995, , 255-281.	0.2	0