

# Roy Maartens

## List of Publications by Year in descending order

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Version: 2024-02-01

202  
papers

14,494  
citations

13827

67  
h-index

21474

114  
g-index

206  
all docs

206  
docs citations

206  
times ranked

3657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining the neutrino mass using a multitracer combination of two galaxy surveys and cosmic microwave background lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4295-4301.	1.6	3
2	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	2.4	350
3	Local primordial non-Gaussianity in the relativistic galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 013.	1.9	18
4	Lensing contribution to the 21cm intensity bispectrum. <i>Classical and Quantum Gravity</i> , 2021, 38, 095013.	1.5	0
5	Cosmological parameter forecasts by a joint 2D tomographic approach to CMB and galaxy clustering. <i>Physical Review D</i> , 2021, 103, .	1.6	11
6	Probing primordial non-Gaussianity with the power spectrum and bispectrum of future 21cm intensity maps. <i>Physics of the Dark Universe</i> , 2021, 32, 100821.	1.8	13
7	Detecting the relativistic bispectrum in 21cm intensity maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 039.	1.9	16
8	Null tests of the concordance model in the era of Euclid and the SKA. <i>Physics of the Dark Universe</i> , 2021, 33, 100856.	1.8	5
9	Multi-tasking the growth of cosmological structures. <i>Physics of the Dark Universe</i> , 2021, 34, 100898.	1.8	6
10	Multi-wavelength spectroscopic probes: prospects for primordial non-Gaussianity and relativistic effects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 010.	1.9	14
11	Multi-wavelength spectroscopic probes: biases from neglecting light-cone effects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 004.	1.9	11
12	Magnification and evolution biases in large-scale structure surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 009.	1.9	16
13	Detecting the relativistic galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 065-065.	1.9	22
14	The Hubble constant tension with next-generation galaxy surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 053-053.	1.9	23
15	Cosmology with Phase 1 of the Square Kilometre Array Red Book 2018: Technical specifications and performance forecasts. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	195
16	Probing beyond-Horndeski gravity on ultra-large scales. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 033-033.	1.9	5
17	Multipoles of the relativistic galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 018-018.	1.9	16
18	Constraining the growth rate by combining multiple future surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 054-054.	1.9	13

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19	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
20	The full-sky angular bispectrum in redshift space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 053-053.	1.9	38
21	Constraining primordial non-Gaussianity using two galaxy surveys and CMB lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1950-1956.	1.6	36
22	Testing general relativity with the Doppler magnification effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3759-3771.	1.6	8
23	The dipole of the galaxy bispectrum. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L101-L104.	1.2	32
24	Measuring the homogeneity of the universe using polarization drift. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 048-048.	1.9	12
25	Is the local Hubble flow consistent with concordance cosmology?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 001-001.	1.9	2
26	Imprints of local lightcone projection effects on the galaxy bispectrum IV: second-order vector and tensor contributions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 004-004.	1.9	12
27	General relativistic effects in the galaxy bias at second order. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 020-020.	1.9	14
28	Measuring the ISW effect with next-generation radio surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1339-1349.	1.6	15
29	Measuring our velocity from fluctuations in number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 023-023.	1.9	10
30	Constraints on the growth rate using the observed galaxy power spectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 028-028.	1.9	16
31	The kinematic dipole in galaxy redshift surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 013-013.	1.9	23
32	Imprints of local lightcone projection effects on the galaxy bispectrum. Part III. Relativistic corrections from nonlinear dynamical evolution on large-scales. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 036-036.	1.9	20
33	Optimized angular power spectra for spectroscopic galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1251-1261.	1.6	21
34	The observed galaxy bispectrum from single-field inflation in the squeezed limit. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 050-050.	1.9	24
35	Synergies between intensity maps of hydrogen lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3490-3497.	1.6	23
36	How does the cosmic large-scale structure bias the Hubble diagram?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 062-062.	1.9	38

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37	A general relativistic signature in the galaxy bispectrum: the local effects of observing on the lightcone. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 034-034.	1.9	38
38	Editorial: Golden Oldies criteria and procedures. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	0.7	0
39	Probing the primordial Universe with MeerKAT and DES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2780-2786.	1.6	26
40	Imprints of local lightcone projection effects on the galaxy bispectrum. Part II. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 040-040.	1.9	23
41	Dipolar modulation in the size of galaxies: the effect of Doppler magnification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3936-3951.	1.6	26
42	Nonlinear modulation of the HI power spectrum on ultra-large scales. I. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 061-061.	1.9	16
43	Beyond $\Lambda$ CDM: Problems, solutions, and the road ahead. <i>Physics of the Dark Universe</i> , 2016, 12, 56-99.	1.8	361
44	A relativistic signature in large-scale structure. <i>Physics of the Dark Universe</i> , 2016, 13, 30-34.	1.8	26
45	Lensing and time-delay contributions to galaxy correlations. <i>General Relativity and Gravitation</i> , 2016, 48, 1.	0.7	27
46	ULTRA-LARGE-SCALE COSMOLOGY IN NEXT-GENERATION EXPERIMENTS WITH SINGLE TRACERS. <i>Astrophysical Journal</i> , 2015, 814, 145.	1.6	107
47	HUNTING DOWN HORIZON-SCALE EFFECTS WITH MULTI-WAVELENGTH SURVEYS. <i>Astrophysical Journal Letters</i> , 2015, 812, L22.	3.0	100
48	Einstein's legacy in galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 451, L80-L84.	1.2	61
49	Probing primordial non-Gaussianity with SKA galaxy redshift surveys: a fully relativistic analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1035-1043.	1.6	111
50	Cosmological ensemble and directional averages of observables. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 040-040.	1.9	34
51	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
52	Probing the imprint of interacting dark energy on very large scales. <i>Physical Review D</i> , 2015, 91, .	1.6	40
53	Galaxy bias and gauges at second order in general relativity. <i>Classical and Quantum Gravity</i> , 2015, 32, 175019.	1.5	25
54	Probing primordial non-Gaussianity via iSW measurements with SKA continuum surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 042-042.	1.9	39

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55	THE EFFECT OF WEAK LENSING ON DISTANCE ESTIMATES FROM SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 780, 24.	1.6	35
56	What is the distance to the CMB?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 036-036.	1.9	29
57	Cosmology with Doppler lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1900-1915.	1.6	51
58	Large-scale 3D galaxy correlation function and non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 022-022.	1.9	51
59	Observed galaxy number counts on the lightcone up to second order: I. Main result. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 037-037.	1.9	67
60	Degeneracy between primordial non-Gaussianity and interaction in the dark sector. <i>Physical Review D</i> , 2014, 90, .	1.6	6
61	Null tests of the cosmological constant using supernovae. <i>Physical Review D</i> , 2014, 89, .	1.6	79
62	General Relativity and Gravitation introduces Consecutive Article Publishing. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	0
63	Can Primordial Magnetic Fields be the Origin of the BICEP2 Data?. <i>Physical Review Letters</i> , 2014, 112, 191303.	2.9	44
64	Observed galaxy number counts on the lightcone up to second order: II. Derivation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 013-013.	1.9	47
65	Nonlinear relativistic corrections to cosmological distances, redshift and gravitational lensing magnification: II. Derivation. <i>Classical and Quantum Gravity</i> , 2014, 31, 205001.	1.5	42
66	Nonlinear relativistic corrections to cosmological distances, redshift and gravitational lensing magnification: I. Key results. <i>Classical and Quantum Gravity</i> , 2014, 31, 202001.	1.5	39
67	Cosmology on the largest scales with intensity mapping. <i>Journal of Physics: Conference Series</i> , 2014, 566, 012004.	0.3	0
68	Galaxy correlations and the BAO in a void universe: structure formation as a test of the Copernican Principle. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 023-023.	1.9	18
69	Clustering of quintessence on horizon scales and its imprint on HI intensity mapping. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 015-015.	1.9	22
70	Relativistic corrections and non-Gaussianity in radio continuum surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 044-044.	1.9	32
71	TESTING HOMOGENEITY WITH GALAXY STAR FORMATION HISTORIES. <i>Astrophysical Journal Letters</i> , 2013, 762, L9.	3.0	15
72	Antilensing: The Bright Side of Voids. <i>Physical Review Letters</i> , 2013, 110, 021302.	2.9	60

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73	Beyond the plane-parallel and Newtonian approach: wide-angle redshift distortions and convergence in general relativity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 025-025.	1.9	92
74	Baryon acoustic oscillations in a cosmic void. , 2012, , .		0
75	Using $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mi>H</mml:mi> \langle mml:mo> \text{stretchy}="false"> (\langle /mml:mo> \langle mml:mi>z</mml:mi> \langle mml:mo> T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657 Td.} \langle /mml:mo> \langle mml:mi> \langle /mml:mi> \langle /mml:math>$ <i>Physical Review D</i> , 2012, 86, .		
76	(Mis)interpreting supernovae observations in a lumpy universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1121-1136.	1.6	94
77	Regular spherical dust spacetimes. <i>General Relativity and Gravitation</i> , 2012, 44, 3197-3215.	0.7	13
78	Disentangling non-Gaussianity, bias, and general relativistic effects in the galaxy distribution. <i>Physical Review D</i> , 2012, 85, .	1.6	106
79	A New Dawn for Science in Africa. <i>Science</i> , 2012, 337, 889-889.	6.0	0
80	Interacting dark energy: Constraints and degeneracies. <i>Physical Review D</i> , 2012, 85, .	1.6	110
81	Is the Universe homogeneous?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 5115-5137.	1.6	70
82	The seed magnetic field generated during recombination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2354-2366.	1.6	46
83	Testing homogeneity with the fossil record of galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 035-035.	1.9	24
84	Brane-World Gravity. <i>Living Reviews in Relativity</i> , 2010, 13, 5.	8.2	541
85	Observational constraints on an interacting dark energy model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2355-2368.	1.6	136
86	Adiabatic initial conditions for perturbations in interacting dark energy models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2344-2354.	1.6	85
87	Dark energy and modified gravity. , 2010, , 48-91.		9
88	Quintessence with quadratic coupling to dark matter. <i>Physical Review D</i> , 2010, 81, .	1.6	56
89	Dynamics of interacting dark energy. , 2010, , .		3
90	Inhomogeneity and the foundations of concordance cosmology. <i>Classical and Quantum Gravity</i> , 2010, 27, 124008.	1.5	120

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91	Scalar field perturbations in Hořava-Lifshitz cosmology. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 013-013.	1.9	72
92	Cosmological perturbations in Horava-Lifshitz theory without detailed balance. Physical Review D, 2010, 81, .	1.6	128
93	The growth of structure in interacting dark energy models. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 027-027.	1.9	114
94	Velocities as a probe of dark sector interactions. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 017-017.	1.9	87
95	Instability in interacting dark energy and dark matter fluids. Nuclear Physics, Section B, Proceedings Supplements, 2009, 194, 260-265.	0.5	8
96	Dynamics of interacting dark energy. Physical Review D, 2009, 79, .	1.6	211
97	The cosmological background of vector modes. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 023-023.	1.9	42
98	Dark energy and dark gravity: theory overview. General Relativity and Gravitation, 2008, 40, 301-328.	0.7	224
99	Editorial on the GRG special issue on dark energy. General Relativity and Gravitation, 2008, 40, 219-220.	0.7	6
100	Nonlinear gravito-electromagnetism. General Relativity and Gravitation, 2008, 40, 1203-1217.	0.7	9
101	Challenges for creating magnetic fields by cosmic defects. Physical Review D, 2008, 77, .	1.6	25
102	Dynamics of dark energy with a coupling to dark matter. Physical Review D, 2008, 78, .	1.6	249
103	Large-scale instability in interacting dark energy and dark matter fluids. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 020.	1.9	293
104	The Einstein static universe in loop quantum cosmology. Classical and Quantum Gravity, 2007, 24, 6243-6253.	1.5	75
105	Observational constraints on phantom-like braneworld cosmologies. Journal of Physics: Conference Series, 2007, 66, 012057.	0.3	2
106	Dark Energy and Dark Gravity. Journal of Physics: Conference Series, 2007, 68, 012046.	0.3	23
107	Graceful exit via polymerization of pre-big-bang cosmology. Physical Review D, 2007, 76, .	1.6	19
108	Cosmological magnetic fields from nonlinear effects. Physical Review D, 2007, 75, .	1.6	43

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109	Dark Energy from Brane-world Gravity. , 2007, , 323-332.		6
110	Cosmology with inhomogeneous magnetic fields. Physics Reports, 2007, 449, 131-171.	10.3	151
111	Causality and the speed of sound. General Relativity and Gravitation, 2007, 39, 1651-1660.	0.7	82
112	Observational constraints on phantomlike braneworld cosmologies. Physical Review D, 2006, 74, .	1.6	88
113	Regular collision of dilatonic inflating branes. Physical Review D, 2006, 73, .	1.6	2
114	Observational constraints on self-accelerating cosmology. Physical Review D, 2006, 74, .	1.6	143
115	The universe as a brane. Journal of Physics: Conference Series, 2006, 33, 131-141.	0.3	1
116	Structure formation in the Dvaliâ€“Gabadadzeâ€“Porrati cosmological model. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 016-016.	1.9	203
117	Crossing the phantom divide without phantom matter. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 004-004.	1.9	87
118	Gravity-wave detectors as probes of extra dimensions. General Relativity and Gravitation, 2005, 37, 1681-1687.	0.7	7
119	Delocalization of brane gravity by a bulk black hole. Classical and Quantum Gravity, 2005, 22, L91-L101.	1.5	22
120	Detecting Extra Dimensions with Gravity-Wave Spectroscopy: The Black-String Brane World. Physical Review Letters, 2005, 94, 121302.	2.9	87
121	GRAVITY-WAVE DETECTORS AS PROBES OF EXTRA DIMENSIONS. International Journal of Modern Physics D, 2005, 14, 2347-2353.	0.9	1
122	A late-accelerating universe with no dark energyâ€“and a finite-temperature big bang. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 008-008.	1.9	57
123	Asymmetric brane-worlds with induced gravity. Physical Review D, 2005, 71, .	1.6	26
124	Black Hole Mass Threshold from Nonsingular Quantum Gravitational Collapse. Physical Review Letters, 2005, 95, 091302.	2.9	104
125	Dynamics of radiating braneworlds. Classical and Quantum Gravity, 2004, 21, 1125-1133.	1.5	39
126	Loop quantum gravity effects on inflation and the CMB. Classical and Quantum Gravity, 2004, 21, 5767-5775.	1.5	102



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127	Asymmetric radiating brane-world. <i>Physical Review D</i> , 2004, 70, .	1.6	18
128	Observational constraints on braneworld inflation: The effect of a Gauss-Bonnet term. <i>Physical Review D</i> , 2004, 70, .	1.6	57
129	The emergent universe: inflationary cosmology with no singularity. <i>Classical and Quantum Gravity</i> , 2004, 21, 223-232.	1.5	368
130	Scalar perturbations from brane-world inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 002-002.	1.9	35
131	Loop quantum gravity and the cyclic universe. <i>Physical Review D</i> , 2004, 70, .	1.6	67
132	Cosmological perturbations from braneworld inflation with a Gauss-Bonnet term. <i>Physical Review D</i> , 2004, 70, .	1.6	61
133	Gravitational waves from brane-world inflation with induced gravity. <i>Physical Review D</i> , 2004, 70, .	1.6	39
134	Brane-World Gravity. <i>Living Reviews in Relativity</i> , 2004, 7, 7.	8.2	703
135	Non-commutative inflation and the CMB. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 574, 141-148.	1.5	124
136	Magnetic field amplification in cold dark matter anisotropic collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 785-789.	1.6	31
137	Braneworld cosmological models with anisotropy. <i>Physical Review D</i> , 2003, 68, .	1.6	30
138	Stacking a 4D geometry into an Einstein-Gauss-Bonnet bulk. <i>Physical Review D</i> , 2003, 67, .	1.6	22
139	Will we observe black holes at the LHC?. <i>Classical and Quantum Gravity</i> , 2003, 20, L205-L212.	1.5	156
140	On the stability of the Einstein static universe. <i>Classical and Quantum Gravity</i> , 2003, 20, L155-L164.	1.5	133
141	Evolution of gravitational waves in Randall-Sundrum cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 014-014.	1.9	32
142	Density perturbations in a braneworld universe with dark radiation. <i>Classical and Quantum Gravity</i> , 2003, 20, 3295-3306.	1.5	22
143	Brane cosmology with curvature corrections. <i>Journal of High Energy Physics</i> , 2003, 2003, 066-066.	1.6	100
144	Braneworld tensor anisotropies in the CMB. <i>Physical Review D</i> , 2002, 66, .	1.6	27

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145	Brane-world generalizations of the Einstein static universe. <i>Classical and Quantum Gravity</i> , 2002, 19, 213-221.	1.5	75
146	Holonomy and gravitomagnetism. <i>Classical and Quantum Gravity</i> , 2002, 19, 195-201.	1.5	16
147	Brane-World Cosmological Perturbations. <i>Progress of Theoretical Physics Supplement</i> , 2002, 148, 213-234.	0.2	24
148	Why do naked singularities form in gravitational collapse?. <i>Physical Review D</i> , 2002, 65, .	1.6	119
149	Kaluza-Klein anisotropy in the CMB. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 532, 153-158.	1.5	70
150	Density perturbations in the brane-world. <i>Physical Review D</i> , 2001, 63, .	1.6	72
151	Stars in the braneworld. <i>Physical Review D</i> , 2001, 64, .	1.6	218
152	Gravitational Collapse on the Brane: A No-Go Theorem. <i>Physical Review Letters</i> , 2001, 87, 231302.	2.9	118
153	General relativistic analysis of peculiar velocities. <i>Classical and Quantum Gravity</i> , 2001, 18, 5115-5123.	1.5	18
154	Anisotropy dissipation in brane-world inflation. <i>Physical Review D</i> , 2001, 63, .	1.6	89
155	Large-scale cosmological perturbations on the brane. <i>Physical Review D</i> , 2001, 63, .	1.6	128
156	Magnetized gravitational waves. <i>Physical Review D</i> , 2001, 63, .	1.6	23
157	Black holes on the brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 487, 1-6.	1.5	443
158	Gravitational waves from inflation on the brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 489, 259-267.	1.5	252
159	Workshop 2: Cosmic Microwave Background, Lensing and Large-scale Structure. <i>General Relativity and Gravitation</i> , 2000, 32, 1055-1058.	0.7	0
160	Nonlinear Effects in the Cosmic Microwave Background. <i>General Relativity and Gravitation</i> , 2000, 32, 1075-1090.	0.7	0
161	Backreaction Effects of Dissipation in Neutrino Decoupling. <i>General Relativity and Gravitation</i> , 2000, 32, 1711-1725.	0.7	3
162	Cosmological magnetic fields. <i>Pramana - Journal of Physics</i> , 2000, 55, 575-583.	0.9	45

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163	GAMMA-RAY BURSTS AS THE BIRTH-CRIES OF BLACK HOLES. <i>Modern Physics Letters A</i> , 2000, 15, 991-995.	0.5	19
164	Cosmological perturbations on a magnetized Bianchi I background. <i>Classical and Quantum Gravity</i> , 2000, 17, 2215-2241.	1.5	61
165	Gravitational waves in preheating. <i>Classical and Quantum Gravity</i> , 2000, 17, 2875-2883.	1.5	8
166	Vorticity Affects the Stability of Neutron Stars. <i>Physical Review Letters</i> , 2000, 84, 2560-2563.	2.9	11
167	Restoring the sting to metric preheating. <i>Physical Review D</i> , 2000, 61, .	1.6	75
168	Magnetized cosmological perturbations. <i>Physical Review D</i> , 2000, 61, .	1.6	91
169	Chaotic inflation on the brane. <i>Physical Review D</i> , 2000, 62, .	1.6	419
170	Cosmological dynamics on the brane. <i>Physical Review D</i> , 2000, 62, .	1.6	319
171	Adiabatic and entropy perturbations from inflation. <i>Physical Review D</i> , 2000, 63, .	1.6	581
172	Stress effects in structure formation. <i>Physical Review D</i> , 1999, 60, .	1.6	16
173	Nonperturbative gravitomagnetic fields. <i>Physical Review D</i> , 1999, 60, .	1.6	13
174	General relativistic effects in preheating. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 455, 84-89.	1.5	138
175	Metric preheating and limitations of linearized gravity. <i>Nuclear Physics B</i> , 1999, 561, 188-240.	0.9	121
176	Cosmic microwave background anisotropies: Nonlinear dynamics. <i>Physical Review D</i> , 1999, 59, .	1.6	86
177	Exact Perturbations for Inflation with Smooth Exit. <i>General Relativity and Gravitation</i> , 1998, 30, 289-297.	0.7	4
178	Gravito-electromagnetism. <i>Classical and Quantum Gravity</i> , 1998, 15, 705-717.	1.5	198
179	Inflationary cosmology and thermodynamics. <i>Classical and Quantum Gravity</i> , 1998, 15, 923-932.	1.5	72
180	Exact isotropic cosmologies with local fractal number counts. <i>Classical and Quantum Gravity</i> , 1998, 15, 3041-3049.	1.5	15

#	ARTICLE	IF	CITATIONS
181	Newtonian-like and anti-Newtonian universes. <i>Classical and Quantum Gravity</i> , 1998, 15, 1005-1017.	1.5	43
182	Perturbations in inflationary cosmologies with smooth exit. <i>Journal of Mathematical Physics</i> , 1998, 39, 5491-5501.	0.5	1
183	Anisotropic stresses in inhomogeneous universes. <i>Physical Review D</i> , 1998, 59, .	1.6	56
184	Covariant velocity and density perturbations in quasi-Newtonian cosmologies. <i>Physical Review D</i> , 1998, 58, .	1.6	43
185	Cosmological solutions with nonlinear bulk viscosity. <i>Classical and Quantum Gravity</i> , 1997, 14, 3363-3375.	1.5	78
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199	Limits on anisotropy and inhomogeneity from the cosmic background radiation. Physical Review D, 1995, 51, 1525-1535.	1.6	72
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201	General solution and classification of conformal motions in static spherical spacetimes. Classical and Quantum Gravity, 1995, 12, 2577-2586.	1.5	85
202	7 Brane-World Cosmology. Lecture Notes in Physics, 0, , 213-252.	0.3	13