

Roy Maartens

List of Publications by Year in descending order

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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	Brane-World Gravity. Living Reviews in Relativity, 2004, 7, 7.	8.2	703
2	Adiabatic and entropy perturbations from inflation. Physical Review D, 2000, 63, .	1.6	581
3	Brane-World Gravity. Living Reviews in Relativity, 2010, 13, 5.	8.2	541
4	Black holes on the brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 1-6.	1.5	443
5	Chaotic inflation on the brane. Physical Review D, 2000, 62, .	1.6	419
6	The emergent universe: inflationary cosmology with no singularity. Classical and Quantum Gravity, 2004, 21, 223-232.	1.5	368
7	Beyond Λ CDM: Problems, solutions, and the road ahead. Physics of the Dark Universe, 2016, 12, 56-99.	1.8	361
8	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	2.4	350
9	Cosmological dynamics on the brane. Physical Review D, 2000, 62, .	1.6	319
10	Large-scale instability in interacting dark energy and dark matter fluids. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 020.	1.9	293
11	Gravitational waves from inflation on the brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 259-267.	1.5	252
12	Dynamics of dark energy with a coupling to dark matter. Physical Review D, 2008, 78, .	1.6	249
13	Dark energy and dark gravity: theory overview. General Relativity and Gravitation, 2008, 40, 301-328.	0.7	224
14	Stars in the braneworld. Physical Review D, 2001, 64, .	1.6	218
15	Dynamics of interacting dark energy. Physical Review D, 2009, 79, .	1.6	211
16	Structure formation in the Dvali-Gabadadze-Porrati cosmological model. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 016-016.	1.9	203
17	Gravito-electromagnetism. Classical and Quantum Gravity, 1998, 15, 705-717.	1.5	198
18	Cosmology with Phase 1 of the Square Kilometre Array Red Book 2018: Technical specifications and performance forecasts. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	195

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19	Will we observe black holes at the LHC?. <i>Classical and Quantum Gravity</i> , 2003, 20, L205-L212.	1.5	156
20	Cosmology with inhomogeneous magnetic fields. <i>Physics Reports</i> , 2007, 449, 131-171.	10.3	151
21	Observational constraints on self-accelerating cosmology. <i>Physical Review D</i> , 2006, 74, .	1.6	143
22	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
23	Observational constraints on an interacting dark energy model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2355-2368.	1.6	136
24	On the stability of the Einstein static universe. <i>Classical and Quantum Gravity</i> , 2003, 20, L155-L164.	1.5	133
25	Large-scale cosmological perturbations on the brane. <i>Physical Review D</i> , 2001, 63, .	1.6	128
26	Cosmological perturbations in Horava-Lifshitz theory without detailed balance. <i>Physical Review D</i> , 2010, 81, .	1.6	128
27	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
28	Metric preheating and limitations of linearized gravity. <i>Nuclear Physics B</i> , 1999, 561, 188-240.	0.9	121
29	Inhomogeneity and the foundations of concordance cosmology. <i>Classical and Quantum Gravity</i> , 2010, 27, 124008.	1.5	120
30	Why do naked singularities form in gravitational collapse?. <i>Physical Review D</i> , 2002, 65, .	1.6	119
31	Gravitational Collapse on the Brane: A No-Go Theorem. <i>Physical Review Letters</i> , 2001, 87, 231302.	2.9	118
32	The growth of structure in interacting dark energy models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 027-027.	1.9	114
33	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
34	Interacting dark energy: Constraints and degeneracies. <i>Physical Review D</i> , 2012, 85, .	1.6	110
35	ULTRA-LARGE-SCALE COSMOLOGY IN NEXT-GENERATION EXPERIMENTS WITH SINGLE TRACERS. <i>Astrophysical Journal</i> , 2015, 814, 145.	1.6	107
36	Disentangling non-Gaussianity, bias, and general relativistic effects in the galaxy distribution. <i>Physical Review D</i> , 2012, 85, .	1.6	106

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55	Causality and the speed of sound. <i>General Relativity and Gravitation</i> , 2007, 39, 1651-1660.	0.7	82
56	Linearization instability of gravity waves?. <i>Physical Review D</i> , 1997, 55, 463-467.	1.6	80
57	Null tests of the cosmological constant using supernovae. <i>Physical Review D</i> , 2014, 89, .	1.6	79
58	Cosmological solutions with nonlinear bulk viscosity. <i>Classical and Quantum Gravity</i> , 1997, 14, 3363-3375.	1.5	78
59	Restoring the sting to metric preheating. <i>Physical Review D</i> , 2000, 61, .	1.6	75
60	Brane-world generalizations of the Einstein static universe. <i>Classical and Quantum Gravity</i> , 2002, 19, 213-221.	1.5	75
61	The Einstein static universe in loop quantum cosmology. <i>Classical and Quantum Gravity</i> , 2007, 24, 6243-6253.	1.5	75
62	Limits on anisotropy and inhomogeneity from the cosmic background radiation. <i>Physical Review D</i> , 1995, 51, 1525-1535.	1.6	72
63	Inflationary cosmology and thermodynamics. <i>Classical and Quantum Gravity</i> , 1998, 15, 923-932.	1.5	72
64	Density perturbations in the brane-world. <i>Physical Review D</i> , 2001, 63, .	1.6	72
65	Scalar field perturbations in Hořava-Lifshitz cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 013-013.	1.9	72
66	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
67	Is the Universe homogeneous?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 5115-5137.	1.6	70
68	Loop quantum gravity and the cyclic universe. <i>Physical Review D</i> , 2004, 70, .	1.6	67
69	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
70	Cosmological perturbations on a magnetized Bianchi I background. <i>Classical and Quantum Gravity</i> , 2000, 17, 2215-2241.	1.5	61
71	Cosmological perturbations from braneworld inflation with a Gauss-Bonnet term. <i>Physical Review D</i> , 2004, 70, .	1.6	61
72	Einstein's legacy in galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 451, L80-L84.	1.2	61

#	ARTICLE	IF	CITATIONS
73	Antilensing: The Bright Side of Voids. <i>Physical Review Letters</i> , 2013, 110, 021302.	2.9	60
74	Observational constraints on braneworld inflation: The effect of a Gauss-Bonnet term. <i>Physical Review D</i> , 2004, 70, .	1.6	57
75	A late-accelerating universe with no dark energy and a finite-temperature big bang. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005, 2005, 008-008.	1.9	57
76	Anisotropic stresses in inhomogeneous universes. <i>Physical Review D</i> , 1998, 59, .	1.6	56
77	Quintessence with quadratic coupling to dark matter. <i>Physical Review D</i> , 2010, 81, .	1.6	56
78	Cosmology with Doppler lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1900-1915.	1.6	51
79	Large-scale 3D galaxy correlation function and non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 022-022.	1.9	51
80	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
81	The seed magnetic field generated during recombination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2354-2366.	1.6	46
82	Cosmological magnetic fields. <i>Pramana - Journal of Physics</i> , 2000, 55, 575-583.	0.9	45
83	Reheating and causal thermodynamics. <i>Physical Review D</i> , 1997, 55, 4681-4688.	1.6	44
84	Can Primordial Magnetic Fields be the Origin of the BICEP2 Data?. <i>Physical Review Letters</i> , 2014, 112, 191303.	2.9	44
85	Newtonian-like and anti-Newtonian universes. <i>Classical and Quantum Gravity</i> , 1998, 15, 1005-1017.	1.5	43
86	Covariant velocity and density perturbations in quasi-Newtonian cosmologies. <i>Physical Review D</i> , 1998, 58, .	1.6	43
87	Cosmological magnetic fields from nonlinear effects. <i>Physical Review D</i> , 2007, 75, .	1.6	43
88	Local freedom in the gravitational field. <i>Classical and Quantum Gravity</i> , 1997, 14, 1927-1936.	1.5	42
89	The cosmological background of vector modes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 023-023.	1.9	42
90	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

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91	Probing the imprint of interacting dark energy on very large scales. <i>Physical Review D</i> , 2015, 91, .	1.6	40
92	Dynamics of radiating braneworlds. <i>Classical and Quantum Gravity</i> , 2004, 21, 1125-1133.	1.5	39
93	Gravitational waves from brane-world inflation with induced gravity. <i>Physical Review D</i> , 2004, 70, .	1.6	39
94	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
95	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
96	Improved limits on anisotropy and inhomogeneity from the cosmic background radiation. <i>Physical Review D</i> , 1995, 51, 5942-5945.	1.6	38
97	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
98	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
99	The full-sky angular bispectrum in redshift space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 053-053.	1.9	38
100	Anisotropic Observations in Universes with Nonlinear Inhomogeneity. <i>Astrophysical Journal</i> , 1997, 477, 47-57.	1.6	36
101	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
102	Scalar perturbations from brane-world inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 002-002.	1.9	35
103	THE EFFECT OF WEAK LENSING ON DISTANCE ESTIMATES FROM SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 780, 24.	1.6	35
104	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
105	Cosmological ensemble and directional averages of observables. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 040-040.	1.9	34
106	Conformal motions in static spherical spacetimes. <i>Classical and Quantum Gravity</i> , 1996, 13, 317-318.	1.5	33
107	Inhomogeneous universes in observational coordinates. <i>Classical and Quantum Gravity</i> , 1996, 13, 253-264.	1.5	32
108	Evolution of gravitational waves in Randall-Sundrum cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 014-014.	1.9	32

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109	Relativistic corrections and non-Gaussianity in radio continuum surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 044-044.	1.9	32
110	The dipole of the galaxy bispectrum. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L101-L104.	1.2	32
111	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
112	Braneworld cosmological models with anisotropy. <i>Physical Review D</i> , 2003, 68, .	1.6	30
113	What is the distance to the CMB?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 036-036.	1.9	29
114	Braneworld tensor anisotropies in the CMB. <i>Physical Review D</i> , 2002, 66, .	1.6	27
115	Lensing and time-delay contributions to galaxy correlations. <i>General Relativity and Gravitation</i> , 2016, 48, 1.	0.7	27
116	Asymmetric brane-worlds with induced gravity. <i>Physical Review D</i> , 2005, 71, .	1.6	26
117	A relativistic signature in large-scale structure. <i>Physics of the Dark Universe</i> , 2016, 13, 30-34.	1.8	26
118	Probing the primordial Universe with MeerKAT and DES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2780-2786.	1.6	26
119	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
120	Consistency of dust solutions with $\text{div}H=0$. <i>Physical Review D</i> , 1997, 55, 5219-5221.	1.6	25
121	Challenges for creating magnetic fields by cosmic defects. <i>Physical Review D</i> , 2008, 77, .	1.6	25
122	Galaxy bias and gauges at second order in general relativity. <i>Classical and Quantum Gravity</i> , 2015, 32, 175019.	1.5	25
123	Brane-World Cosmological Perturbations. <i>Progress of Theoretical Physics Supplement</i> , 2002, 148, 213-234.	0.2	24
124	Testing homogeneity with the fossil record of galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 035-035.	1.9	24
125	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
126	Magnetized gravitational waves. <i>Physical Review D</i> , 2001, 63, .	1.6	23

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127	Dark Energy and Dark Gravity. <i>Journal of Physics: Conference Series</i> , 2007, 68, 012046.	0.3	23
128	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
129	The kinematic dipole in galaxy redshift surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 013-013.	1.9	23
130	Synergies between intensity maps of hydrogen lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3490-3497.	1.6	23
131	The Hubble constant tension with next-generation galaxy surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 053-053.	1.9	23
132	Stacking a 4D geometry into an Einstein-Gauss-Bonnet bulk. <i>Physical Review D</i> , 2003, 67, .	1.6	22
133	Density perturbations in a braneworld universe with dark radiation. <i>Classical and Quantum Gravity</i> , 2003, 20, 3295-3306.	1.5	22
134	Delocalization of brane gravity by a bulk black hole. <i>Classical and Quantum Gravity</i> , 2005, 22, L91-L101.	1.5	22
135	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
136	Detecting the relativistic galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 065-065.	1.9	22
137	Optimized angular power spectra for spectroscopic galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1251-1261.	1.6	21
138	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
139	GAMMA-RAY BURSTS AS THE BIRTH-CRIES OF BLACK HOLES. <i>Modern Physics Letters A</i> , 2000, 15, 991-995.	0.5	19
140	Graceful exit via polymerization of pre-big-bang cosmology. <i>Physical Review D</i> , 2007, 76, .	1.6	19
141	General relativistic analysis of peculiar velocities. <i>Classical and Quantum Gravity</i> , 2001, 18, 5115-5123.	1.5	18
142	Asymmetric radiating brane-world. <i>Physical Review D</i> , 2004, 70, .	1.6	18
143	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
144	Local primordial non-Gaussianity in the relativistic galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 013.	1.9	18

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145	Anisotropic universes with conformal motion. <i>Classical and Quantum Gravity</i> , 1996, 13, 1571-1577.	1.5	16
146	Stress effects in structure formation. <i>Physical Review D</i> , 1999, 60, .	1.6	16
147	Holonomy and gravitomagnetism. <i>Classical and Quantum Gravity</i> , 2002, 19, 195-201.	1.5	16
148	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
149	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
150	Detecting the relativistic bispectrum in 21cm intensity maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 039.	1.9	16
151	Multipoles of the relativistic galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 018-018.	1.9	16
152	Magnification and evolution biases in large-scale structure surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 009.	1.9	16
153	Exact isotropic cosmologies with local fractal number counts. <i>Classical and Quantum Gravity</i> , 1998, 15, 3041-3049.	1.5	15
154	TESTING HOMOGENEITY WITH GALAXY STAR FORMATION HISTORIES. <i>Astrophysical Journal Letters</i> , 2013, 762, L9.	3.0	15
155	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
156	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
157	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
158	Nonperturbative gravitomagnetic fields. <i>Physical Review D</i> , 1999, 60, .	1.6	13
159	7 Brane-World Cosmology. <i>Lecture Notes in Physics</i> , 0, , 213-252.	0.3	13
160	Regular spherical dust spacetimes. <i>General Relativity and Gravitation</i> , 2012, 44, 3197-3215.	0.7	13
161	Probing primordial non-Gaussianity with the power spectrum and bispectrum of future 21Åcm intensity maps. <i>Physics of the Dark Universe</i> , 2021, 32, 100821.	1.8	13
162	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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163	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
164	Measuring the homogeneity of the universe using polarization drift. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 048-048.	1.9	12
165	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
166	Vorticity Affects the Stability of Neutron Stars. <i>Physical Review Letters</i> , 2000, 84, 2560-2563.	2.9	11
167	Cosmological parameter forecasts by a joint 2D tomographic approach to CMB and galaxy clustering. <i>Physical Review D</i> , 2021, 103, .	1.6	11
168	Multi-wavelength spectroscopic probes: biases from neglecting light-cone effects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 004.	1.9	11
169	Measuring our velocity from fluctuations in number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 023-023.	1.9	10
170	Nonlinear gravito-electromagnetism. <i>General Relativity and Gravitation</i> , 2008, 40, 1203-1217.	0.7	9
171	Dark energy and modified gravity. , 2010, , 48-91.		9
172	Gravitational waves in preheating. <i>Classical and Quantum Gravity</i> , 2000, 17, 2875-2883.	1.5	8
173	Instability in interacting dark energy and dark matter fluids. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 194, 260-265.	0.5	8
174	Testing general relativity with the Doppler magnification effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3759-3771.	1.6	8
175	Gravity-wave detectors as probes of extra dimensions. <i>General Relativity and Gravitation</i> , 2005, 37, 1681-1687.	0.7	7
176	Dark Energy from Brane-world Gravity. , 2007, , 323-332.		6
177	Editorial on the GRG special issue on dark energy. <i>General Relativity and Gravitation</i> , 2008, 40, 219-220.	0.7	6
178	Degeneracy between primordial non-Gaussianity and interaction in the dark sector. <i>Physical Review D</i> , 2014, 90, .	1.6	6
179	Multi-tasking the growth of cosmological structures. <i>Physics of the Dark Universe</i> , 2021, 34, 100898.	1.8	6
180	Probing beyond-Horndeski gravity on ultra-large scales. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 033-033.	1.9	5

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181	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
182	Exact Perturbations for Inflation with Smooth Exit. <i>General Relativity and Gravitation</i> , 1998, 30, 289-297.	0.7	4
183	Backreaction Effects of Dissipation in Neutrino Decoupling. <i>General Relativity and Gravitation</i> , 2000, 32, 1711-1725.	0.7	3
184	Dynamics of interacting dark energy. , 2010, , .		3
185	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
186	Almost-homogeneity of the universe in higher-order gravity. <i>General Relativity and Gravitation</i> , 1995, 27, 1309-1321.	0.7	2
187	Quadrupole anisotropy from photon quantum effects. <i>General Relativity and Gravitation</i> , 1996, 28, 239-248.	0.7	2
188	Exact non-equilibrium solutions of the Einstein - Boltzmann equations. II. <i>Classical and Quantum Gravity</i> , 1997, 14, 535-547.	1.5	2
189	Regular collision of dilatonic inflating branes. <i>Physical Review D</i> , 2006, 73, .	1.6	2
190	Observational constraints on phantom-like braneworld cosmologies. <i>Journal of Physics: Conference Series</i> , 2007, 66, 012057.	0.3	2
191	Is the local Hubble flow consistent with concordance cosmology?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 001-001.	1.9	2
192	Perturbations in inflationary cosmologies with smooth exit. <i>Journal of Mathematical Physics</i> , 1998, 39, 5491-5501.	0.5	1
193	GRAVITY-WAVE DETECTORS AS PROBES OF EXTRA DIMENSIONS. <i>International Journal of Modern Physics D</i> , 2005, 14, 2347-2353.	0.9	1
194	The universe as a brane. <i>Journal of Physics: Conference Series</i> , 2006, 33, 131-141.	0.3	1
195	Workshop 2: Cosmic Microwave Background, Lensing and Large-scale Structure. <i>General Relativity and Gravitation</i> , 2000, 32, 1055-1058.	0.7	0
196	Nonlinear Effects in the Cosmic Microwave Background. <i>General Relativity and Gravitation</i> , 2000, 32, 1075-1090.	0.7	0
197	Baryon acoustic oscillations in a cosmic void. , 2012, , .		0
198	A New Dawn for Science in Africa. <i>Science</i> , 2012, 337, 889-889.	6.0	0

#	ARTICLE	IF	CITATIONS
199	General Relativity and Gravitation introduces Consecutive Article Publishing. General Relativity and Gravitation, 2014, 46, 1.	0.7	0
200	Cosmology on the largest scales with intensity mapping. Journal of Physics: Conference Series, 2014, 566, 012004.	0.3	0
201	Editorial: Golden Oldies criteria and procedures. General Relativity and Gravitation, 2017, 49, 1.	0.7	0
202	Lensing contribution to the 21Âcm intensity bispectrum. Classical and Quantum Gravity, 2021, 38, 095013.	1.5	0