

Anzhong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

6,453
citations

76326

40
h-index

106344

65
g-index

235
all docs

235
docs citations

235
times ranked

2057
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology with interaction between phantom dark energy and dark matter and the coincidence problem. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005, 2005, 002-002.	5.4	272
2	Friedmann Equations and Thermodynamics of Apparent Horizons. <i>Physical Review Letters</i> , 2007, 99, 211301.	7.8	175
3	LETTER: Generalized Vaidya Solutions. <i>General Relativity and Gravitation</i> , 1999, 31, 107-114.	2.0	172
4	Reconstruction of the deceleration parameter and the equation of state of dark energy. <i>Physical Review D</i> , 2007, 75, .	4.7	165
5	Crossing $w = -1$ in Gauss-Bonnet Brane World with Induced Gravity. <i>Communications in Theoretical Physics</i> , 2005, 44, 948-954.	2.5	154
6	Shearing expansion-free spherical anisotropic fluid evolution. <i>Physical Review D</i> , 2008, 78, .	4.7	144
7	Thermodynamics and classification of cosmological models in the Horava-Lifshitz theory of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 012-012.	5.4	135
8	Horava gravity at a Lifshitz point: A progress report. <i>International Journal of Modern Physics D</i> , 2017, 26, 1730014.	2.1	133
9	Cosmological perturbations in Horava-Lifshitz theory without detailed balance. <i>Physical Review D</i> , 2010, 81, .	4.7	128
10	Shadow cast and deflection of light by charged rotating regular black holes. <i>Physical Review D</i> , 2019, 100, .	4.7	103
11	Shadow and quasinormal modes of a rotating loop quantum black hole. <i>Physical Review D</i> , 2020, 101, .	4.7	100
12	Constraints on Einstein-aether theory after GW170817. <i>Physical Review D</i> , 2018, 97, .	4.7	99
13	Gravitational deflection of light and shadow cast by rotating Kalb-Ramond black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	95
14	Thermodynamical properties of the Universe with dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 024-024.	5.4	82
15	Current constraints on interacting holographic dark energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 34-39.	4.1	80
16	SHEAR-FREE RADIATING COLLAPSE AND CONFORMAL FLATNESS. <i>International Journal of Modern Physics D</i> , 2004, 13, 583-592.	2.1	74
17	Scalar field perturbations in Horava-Lifshitz cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 013-013.	5.4	72
18	Observational constraints on the acceleration of the Universe. <i>Physical Review D</i> , 2006, 73, .	4.7	69

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19	Generalized instantaneous modes in higher-order scalar-tensor theories. <i>Physical Review D</i> , 2018, 98, .	4.7	69
20	General covariant Horava-Lifshitz gravity without projectability condition and its applications to cosmology. <i>Physical Review D</i> , 2012, 85, .	4.7	64
21	Pre-inflationary universe in loop quantum cosmology. <i>Physical Review D</i> , 2017, 96, .	4.7	64
22	Waveform of gravitational waves in the general parity-violating gravities. <i>Physical Review D</i> , 2020, 101, .	4.7	61
23	U(1) symmetry and elimination of spin-0 gravitons in Horava-Lifshitz gravity without the projectability condition. <i>Physical Review D</i> , 2011, 84, .	4.7	58
24	Critical collapse of a cylindrically symmetric scalar field in four-dimensional Einstein's theory of gravity. <i>Physical Review D</i> , 2003, 68, .	4.7	56
25	Charged Einstein-aether black holes and Smarr formula. <i>Physical Review D</i> , 2015, 92, .	4.7	55
26	Rotating regular black holes in conformal massive gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	55
27	Effects of parity violation on non-Gaussianity of primordial gravitational waves in Horava-Lifshitz gravity. <i>Physical Review D</i> , 2013, 88, .	4.7	53
28	Towards cosmological dynamics from loop quantum gravity. <i>Physical Review D</i> , 2018, 97, .	4.7	53
29	Thermodynamical properties of dark energy. <i>Physical Review D</i> , 2007, 75, .	4.7	51
30	Testing Brans-Dicke gravity using the Einstein telescope. <i>Physical Review D</i> , 2017, 95, .	4.7	51
31	Quasinormal modes, quasiperiodic oscillations, and the shadow of rotating regular black holes in nonminimally coupled Einstein-Yang-Mills theory. <i>Physical Review D</i> , 2021, 103, .	4.7	50
32	Polarizing primordial gravitational waves by parity violation. <i>Physical Review D</i> , 2013, 87, .	4.7	49
33	Energy conditions and current acceleration of the universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 652, 63-68.	4.1	48
34	Black holes and stars in the Horava-Lifshitz theory with the projectability condition. <i>Physical Review D</i> , 2010, 81, .	4.7	48
35	Exact scaling solutions and fixed points for general scalar field. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 636, 286-292.	4.1	46
36	Black hole formation from collapsing dust fluid in a background of dark energy. <i>Physical Review D</i> , 2006, 73, .	4.7	43

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37	Cylindrical systems in general relativity. <i>Classical and Quantum Gravity</i> , 2020, 37, 113002.	4.0	42
38	Growth factor parametrization in curved space. <i>Physical Review D</i> , 2009, 80, .	4.7	41
39	Stability of spin-0 graviton and strong coupling in Horava-Lifshitz theory of gravity. <i>Physical Review D</i> , 2011, 83, .	4.7	41
40	Universal features of quantum bounce in loop quantum cosmology. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 773, 196-202.	4.1	41
41	Qualitative dynamics and inflationary attractors in loop cosmology. <i>Physical Review D</i> , 2018, 98, .	4.7	41
42	On the interpretation of cylindrically symmetric Levi-Civita spacetime for $O(1,2)$. <i>Classical and Quantum Gravity</i> , 2001, 18, 3847-3855.	4.0	40
43	On parameters of the Levi-Civita solution. <i>Classical and Quantum Gravity</i> , 1997, 14, 2417-2423.	4.0	39
44	Gravitational collapse of cylindrical shells made of counterrotating dust particles. <i>Physical Review D</i> , 2000, 62, .	4.7	38
45	Singularities in Horava-Lifshitz theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 686, 166-174.	4.1	37
46	Cosmology in nonrelativistic general covariant theory of gravity. <i>Physical Review D</i> , 2011, 83, .	4.7	37
47	Post-Newtonian approximations in the Horava-Lifshitz gravity with extra $U(1)$ symmetry. <i>Physical Review D</i> , 2014, 89, .	4.7	37
48	STABILITY OF THE DE SITTER SPACETIME IN HORAVA-LIFSHITZ THEORY. <i>Modern Physics Letters A</i> , 2010, 25, 2267-2279.	1.2	36
49	Waveforms of compact binary inspiral gravitational radiation in screened modified gravity. <i>Physical Review D</i> , 2018, 98, .	4.7	35
50	Waveform of gravitational waves in the ghost-free parity-violating gravities. <i>Physical Review D</i> , 2019, 100, .	4.7	35
51	Singularities formed by the focusing of cylindrical null fluids. <i>Physical Review D</i> , 1994, 49, 5105-5110.	4.7	34
52	Collapse of a scalar field in $2 + 1$ gravity. <i>Classical and Quantum Gravity</i> , 2004, 21, 1791-1824.	4.0	34
53	Polarized primordial gravitational waves in the ghost-free parity-violating gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	34
54	Vector and tensor perturbations in Horava-Lifshitz cosmology. <i>Physical Review D</i> , 2010, 82, .	4.7	33

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55	General relativity limit of Hořava-Lifshitz gravity with a scalar field in gradient expansion. Physical Review D, 2012, 85, .	4.7	33
56	Inflationary cosmology with nonlinear dispersion relations. Physical Review D, 2014, 89, .	4.7	33
57	Hawking radiation of charged Einstein-aether black holes at both Killing and universal horizons. Nuclear Physics B, 2016, 913, 694-715.	2.5	33
58	Universal horizons and black holes in gravitational theories with broken Lorentz symmetry. International Journal of Modern Physics D, 2014, 23, 1443004.	2.1	32
59	Stability, ghost, and strong coupling in nonrelativistic general covariant theory of gravity with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{\rho} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\rho} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$. Physical Review D, 2011, 83, .	4.7	31
60	Black holes and global structures of spherical spacetimes in Horava-Lifshitz theory. Physical Review D, 2011, 84, .	4.7	30
61	Properties of the spherically symmetric polymer black holes. Physical Review D, 2020, 102, .	4.7	30
62	Bounded excursion stable gravastars and black holes. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 025.	5.4	29
63	Stationary Axisymmetric and Slowly Rotating Spacetimes in Hořava-Lifshitz Gravity. Physical Review Letters, 2013, 110, 091101.	7.8	28
64	Gravitational quantum effects on power spectra and spectral indices with higher-order corrections. Physical Review D, 2014, 90, .	4.7	28
65	Lifshitz spacetimes, solitons, and generalized BTZ black holes in quantum gravity at a Lifshitz point. Journal of High Energy Physics, 2014, 2014, 1.	4.7	28
66	Dynamics of coupled phantom and tachyon fields. European Physical Journal C, 2017, 77, 1.	3.9	28
67	EXISTENCE OF BLACK HOLES IN FRIEDMANN-ROBERTSON-WALKER UNIVERSE DOMINATED BY DARK ENERGY. Modern Physics Letters A, 2007, 22, 1663-1676.	1.2	27
68	Strong coupling in nonrelativistic general covariant theory of gravity. Physical Review D, 2011, 84, .	4.7	27
69	New look at black holes: Existence of universal horizons. Physical Review D, 2015, 91, .	4.7	27
70	High-dimensional Lifshitz-type spacetimes, universal horizons, and black holes in Hořava-Lifshitz gravity. Physical Review D, 2015, 91, .	4.7	27
71	Constraints on quintessence scalar field models using cosmological observations. Physical Review D, 2019, 100, .	4.7	27
72	Genericness of pre-inflationary dynamics and probability of the desired slow-roll inflation in modified loop quantum cosmologies. Physical Review D, 2019, 100, .	4.7	27

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73	Gravitational waves from the quasicircular inspiral of compact binaries in Einstein-aether theory. <i>Physical Review D</i> , 2020, 101, .	4.7	27
74	Gravitational collapse of perfect fluid. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 255, 213-220.	2.1	26
75	Collapsing perfect fluid in higher-dimensional spherical spacetimes. <i>Classical and Quantum Gravity</i> , 2000, 17, 2589-2596.	4.0	26
76	Gravitational Collapse of Self-Similar Perfect Fluid in 2 + 1 Gravity. <i>General Relativity and Gravitation</i> , 2004, 36, 1883-1918.	2.0	26
77	Acceleration from M theory and fine-tuning. <i>Classical and Quantum Gravity</i> , 2006, 23, 3419-3426.	4.0	26
78	Inflation in general covariant Hořava-Lifshitz gravity without projectability. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	26
79	Preinflationary dynamics in loop quantum cosmology: Power-law potentials. <i>Physical Review D</i> , 2017, 96, .	4.7	26
80	Levi-Civita solutions with a cosmological constant. <i>Physical Review D</i> , 2000, 61, .	4.7	25
81	Inflationary spectra with inverse-volume corrections in loop quantum cosmology and their observational constraints from Planck 2015 data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 046-046.	5.4	25
82	Primordial non-Gaussianity and power asymmetry with quantum gravitational effects in loop quantum cosmology. <i>Physical Review D</i> , 2018, 97, .	4.7	25
83	Dark Energy and Cosmic Curvature: Monte Carlo Markov Chain Approach. <i>Astrophysical Journal</i> , 2008, 681, 27-39.	4.5	25
84	Constraints on the Nieh-Yan modified teleparallel gravity with gravitational waves. <i>Physical Review D</i> , 2022, 105, .	4.7	25
85	Gravitational Faraday rotation induced from interacting gravitational plane waves. <i>Physical Review D</i> , 1991, 44, 1120-1131.	4.7	24
86	Direct evidence of acceleration from a distance modulus-redshift graph. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 018-018.	5.4	24
87	Black holes, compact objects and solar system tests in non-relativistic general covariant theory of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 007-007.	5.4	24
88	DETECTING QUANTUM GRAVITATIONAL EFFECTS OF LOOP QUANTUM COSMOLOGY IN THE EARLY UNIVERSE?. <i>Astrophysical Journal Letters</i> , 2015, 807, L17.	8.3	24
89	High-order primordial perturbations with quantum gravitational effects. <i>Physical Review D</i> , 2016, 93, .	4.7	24
90	Geodesic motion and confinement in van Stockum space-time. <i>Journal of Mathematical Physics</i> , 1996, 37, 1982-1990.	1.1	23

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91	Critical Phenomena in Gravitational Collapse: The Studies So Far. Brazilian Journal of Physics, 2001, 31, 188.	1.4	23
92	Cosmological constant and late transient acceleration of the universe in the Horava-Witten heterotic M-theory on $S^1 \times Z^2$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 147-151.	4.1	23
93	Detailed balance condition and ultraviolet stability of scalar field in Horava-Lifshitz gravity. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 006-006.	5.4	23
94	Inflation in general covariant theory of gravity. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 010-010.	5.4	23
95	Three-dimensional charged Einstein-aether black holes and the Smarr formula. Physical Review D, 2016, 94, .	4.7	23
96	Preinflationary dynamics in loop quantum cosmology: monodromy potential. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 003-003.	5.4	23
97	Forecasting interacting vacuum-energy models using gravitational waves. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 050-050.	5.4	23
98	Quasiperiodic oscillations, quasinormal modes and shadows of Bardeen-Kiselev Black Holes. Physics of the Dark Universe, 2022, 35, 100930.	4.9	23
99	Levi-Civita solutions coupled with electromagnetic fields. Classical and Quantum Gravity, 2001, 18, 4569-4588.	4.0	22
100	Topological charged black holes in high dimensional spacetimes and their formation from gravitational collapse of a type II fluid. Physical Review D, 2003, 68, .	4.7	22
101	No-Go theorem in spacetimes with two commuting spacelike killing vectors. General Relativity and Gravitation, 2005, 37, 1919-1926.	2.0	22
102	Comment on "Absence of trapped surfaces and singularities in cylindrical collapse". Physical Review D, 2005, 72, .	4.7	22
103	Power spectra and spectral indices of k-inflation: High-order corrections. Physical Review D, 2014, 90, .	4.7	22
104	Constructing analytical solutions of linear perturbations of inflation with modified dispersion relations. International Journal of Modern Physics A, 2014, 29, 1450142.	1.5	22
105	Scalar and tensor perturbations in loop quantum cosmology: high-order corrections. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 052-052.	5.4	22
106	Schwinger pair production by electric field coupled to inflaton. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 018-018.	5.4	22
107	Object picture of scalar field perturbation on Kerr black hole in scalar-Einstein-Gauss-Bonnet theory. Physical Review D, 2020, 102, .	4.7	22
108	Critical phenomena of collapsing massless scalar wave packets. Physical Review D, 1997, 56, 753-761.	4.7	21

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109	Second-order corrections to the power spectrum in the slow-roll expansion with a time-dependent sound speed. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 603, 95-106.	4.1	21
110	Primordial spectra of slow-roll inflation at second-order with the Gauss-Bonnet correction. <i>Physical Review D</i> , 2018, 97, .	4.7	21
111	Distinguishing a rotating Kiselev black hole from a naked singularity using the spin precession of a test gyroscope. <i>Physical Review D</i> , 2018, 98, .	4.7	21
112	Gravitational waveforms, polarizations, response functions, and energy losses of triple systems in Einstein-aether theory. <i>Physical Review D</i> , 2019, 99, .	4.7	21
113	Model-independent test of the parity symmetry of gravity with gravitational waves. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	21
114	Gravitational wave constraints on Lorentz and parity violations in gravity: High-order spatial derivative cases. <i>Physical Review D</i> , 2022, 105, .	4.7	21
115	Spherically symmetric thin shells in Brans-Dicke theory of gravity. <i>Physical Review D</i> , 1993, 48, 631-646.	4.7	20
116	Space-time defects. <i>Journal of Mathematical Physics</i> , 1995, 36, 3023-3042.	1.1	20
117	On the sources of static plane symmetric vacuum space-times. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 244, 462-466.	2.1	19
118	GRAVITATIONAL COLLAPSE OF SPHERICALLY SYMMETRIC PERFECT FLUID WITH KINEMATIC SELF-SIMILARITY. <i>International Journal of Modern Physics D</i> , 2002, 11, 155-186.	2.1	19
119	Solar system tests and interpretation of gauge field and Newtonian prepotential in general covariant Hořava-Lifshitz gravity. <i>Physical Review D</i> , 2012, 86, .	4.7	19
120	Static post-Newtonian limits in nonprojectable Hořava-Lifshitz gravity with an extra U(1) symmetry. <i>Physical Review D</i> , 2013, 87, .	4.7	19
121	Nonadiabatic evolution of primordial perturbations and non-Gaussianity in hybrid approach of loop quantum cosmology. <i>Physical Review D</i> , 2018, 98, .	4.7	19
122	The effects of running gravitational coupling on rotating black holes. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	19
123	Primordial scalar power spectrum from the hybrid approach in loop cosmologies. <i>Physical Review D</i> , 2020, 102, .	4.7	19
124	Coincidence problem in an oscillating universe. <i>General Relativity and Gravitation</i> , 2005, 37, 2201-2209.	2.0	18
125	f(R) TERM AND GEOMETRIC ORIGIN OF THE DARK SECTOR IN HOŘAVA-LIFSHITZ GRAVITY. <i>Modern Physics Letters A</i> , 2011, 26, 387-398.	1.2	18
126	Preinflationary dynamics of an $\hat{\mu}$ attractor in loop quantum cosmology. <i>Physical Review D</i> , 2018, 98, .	4.7	18

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127	Quantization of ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74} \rangle$) Ho ^À ™ava-Lifshitz theory of gravity. <i>Physical Review D</i> , 2014, 90, .	4.7	17
128	Constraints of General Screened Modified Gravities from Comprehensive Analysis of Binary Pulsars. <i>Astrophysical Journal</i> , 2019, 874, 121.	4.5	17
129	Primordial power spectrum from the dressed metric approach in loop cosmologies. <i>Physical Review D</i> , 2020, 101, .	4.7	17
130	Static electromagnetic fields and charged black holes in general covariant theory of Ho ^À ™ava-Lifshitz gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 025-025.	5.4	16
131	Primordial non-Gaussianity of gravitational waves in Ho ^À ™ava-Lifshitz gravity. <i>Physical Review D</i> , 2013, 88, .	4.7	16
132	Gravitational quantum effects in light of BICEP2 results. <i>Physical Review D</i> , 2014, 90, .	4.7	16
133	Static and rotating universal horizons and black holes in gravitational theories with broken Lorentz invariance. <i>Physical Review D</i> , 2016, 93, .	4.7	16
134	Gravitational axial perturbations of Schwarzschild-like black holes in dark matter halos. <i>Physical Review D</i> , 2021, 104, .	4.7	16
135	Angular momentum loss for eccentric compact binary in screened modified gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 019-019.	5.4	15
136	Geodesic motion and confinement in Lanczos spacetime. <i>Classical and Quantum Gravity</i> , 1996, 13, 1641-1654.	4.0	14
137	Rigidly Rotating Dust in General Relativity. <i>General Relativity and Gravitation</i> , 2000, 32, 1971-1980.	2.0	14
138	Rotating cylindrical shell source for Lewis spacetime. <i>Classical and Quantum Gravity</i> , 2002, 19, 3809-3819.	4.0	14
139	Non-Gaussianity of a single scalar field in general covariant Ho ^À ™ava-Lifshitz gravity. <i>Physical Review D</i> , 2012, 86, .	4.7	14
140	Holographic superconductors in Ho ^À ™ava-€Lifshitz gravity. <i>International Journal of Modern Physics D</i> , 2015, 24, 1550038.	2.1	14
141	Prospect for Cosmological Parameter Estimation Using Future Hubble Parameter Measurements. <i>Communications in Theoretical Physics</i> , 2018, 70, 445.	2.5	14
142	Gravitational collapse and formation of universal horizons in Einstein-Äther theory. <i>Physical Review D</i> , 2018, 98, .	4.7	14
143	Spherically symmetric static black holes in Einstein-aether theory. <i>Physical Review D</i> , 2020, 102, .	4.7	14
144	Exploring nonsingular black holes in gravitational perturbations. <i>Physical Review D</i> , 2020, 102, .	4.7	14

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145	No static regular black holes in Einstein-complex-scalar-Gauss-Bonnet gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	14
146	Dynamics of Rotating Cylindrical Shells in General Relativity. <i>General Relativity and Gravitation</i> , 2000, 32, 2189-2218.	2.0	13
147	Two 3-branes in Randall-Sundrum setup and current acceleration of the universe. <i>Nuclear Physics B</i> , 2008, 797, 395-430.	2.5	13
148	Gravitational waveforms and radiation powers of the triple system PSR $J_{0337+1715}$ in modified theories of gravity. <i>Physical Review D</i> , 2019, 100, .	4.7	13
149	Observational tests of the self-dual spacetime in loop quantum gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	13
150	Extended geometry of Gambini-Olmedo-Pullin polymer black hole and its quasinormal spectrum. <i>Physical Review D</i> , 2021, 104, .	4.7	13
151	Impulsive shells of null dust colliding with gravitational plane waves. <i>General Relativity and Gravitation</i> , 1990, 22, 1091-1104.	2.0	12
152	Observational constraints on the generalized $\hat{\Lambda}$ attractor model. <i>International Journal of Modern Physics D</i> , 2018, 27, 1850058.	2.1	12
153	An analytical approach to the field amplification and particle production by parametric resonance during inflation and reheating. <i>Physics of the Dark Universe</i> , 2019, 26, 100373.	4.9	12
154	On the gravitational interaction of plane symmetric clouds of null dust. <i>Journal of Mathematical Physics</i> , 1991, 32, 1017-1024.	1.1	11
155	Gravitational collapse of a massless scalar field and radiation fluid. <i>Physical Review D</i> , 1997, 56, 7692-7699.	4.7	11
156	An Alternative Channel for High-mass Binary Black Holes' Dark Matter Accretion onto Black Holes. <i>Astrophysical Journal</i> , 2018, 863, 17.	4.5	11
157	Phenomenological Implications of Modified Loop Cosmologies: An Overview. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	11
158	Spherically Symmetric Exact Vacuum Solutions in Einstein-Aether Theory. <i>Universe</i> , 2021, 7, 272.	2.5	11
159	Imprints of dark matter on gravitational ringing of supermassive black holes. <i>Physics of the Dark Universe</i> , 2022, 37, 101078.	4.9	11
160	Asymmetric collision of gravitational plane waves: A new class of exact solutions. <i>General Relativity and Gravitation</i> , 1989, 21, 807-819.	2.0	10
161	Plane walls interacting with gravitational waves and matter fields. <i>Journal of Mathematical Physics</i> , 1991, 32, 2863-2868.	1.1	10
162	Dynamics of plane-symmetric thin walls in general relativity. <i>Physical Review D</i> , 1992, 45, 3534-3543.	4.7	10

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163	Plane domain walls when coupled with the Brans-Dicke scalar field. <i>Physical Review D</i> , 1993, 47, 4425-4432.	4.7	10
164	Letter: Self-Similar Collapse of Scalar Field with Plane Symmetry. <i>General Relativity and Gravitation</i> , 2004, 36, 1225-1236.	2.0	10
165	COLLAPSING SCALAR FIELD WITH KINEMATIC SELF-SIMILARITY OF THE SECOND KIND IN (2+1) GRAVITY. <i>International Journal of Modern Physics D</i> , 2005, 14, 1049-1061.	2.1	10
166	The cosmological constant in the brane world of string theory on $S^1 \times Z^2$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 669, 127-132.	4.1	10
167	Preinflationary perturbations from the closed algebra approach in loop quantum cosmology. <i>Physical Review D</i> , 2019, 99, .	4.7	10
168	Observable acceleration of jets by a Kerr black hole. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	2.0	9
169	Odd-parity stability of black holes in Einstein-aether gravity. <i>Physical Review D</i> , 2021, 104, .	4.7	9
170	Planar domain walls emitting and absorbing electromagnetic radiation. <i>Physical Review D</i> , 1991, 44, 1705-1712.	4.7	8
171	The interaction of outgoing and ingoing spherically symmetric null fluids. <i>Journal of Mathematical Physics</i> , 1995, 36, 3663-3675.	1.1	8
172	Local and global structure of a thick-domain-wall space-time. <i>Physical Review D</i> , 1995, 51, R6612-R6616.	4.7	8
173	Late transient acceleration of the universe in string theory on S^1/Z^2 . <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 004.	5.4	8
174	Classification of the FRW universe with a cosmological constant and a perfect fluid of the equation of state $p = w \dot{\rho}$. <i>General Relativity and Gravitation</i> , 2012, 44, 1433-1458.	2.0	8
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