

Shin'ichi Nojiri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2765349/publications.pdf>

Version: 2024-02-01

218
papers

35,896
citations

9234

74
h-index

3094

187
g-index

219
all docs

219
docs citations

219
times ranked

3290
citing authors

#	ARTICLE	IF	CITATIONS
1	Unified cosmic history in modified gravity: From $f(R)$ theory to Lorentz non-invariant models. Physics Reports, 2011, 505, 59-144.	10.3	3,261
2	INTRODUCTION TO MODIFIED GRAVITY AND GRAVITATIONAL ALTERNATIVE FOR DARK ENERGY. International Journal of Geometric Methods in Modern Physics, 2007, 04, 115-145.	0.8	2,300
3	$f(R)$ gravity consistent with realistic cosmology: From a matter dominated epoch to a dark energy universe. Physical Review D, 2006, 74, .	1.6	1,767
4	Modified gravity theories on a nutshell: Inflation, bounce and late-time evolution. Physics Reports, 2017, 692, 1-104.	10.3	1,765
5	Modified gravity with negative and positive powers of curvature: Unification of inflation and cosmic acceleration. Physical Review D, 2003, 68, .	1.6	1,764
6	Dark energy cosmology: the equivalent description via different theoretical models and cosmography tests. Astrophysics and Space Science, 2012, 342, 155-228.	0.5	1,721
7	Properties of singularities in the (phantom) dark energy universe. Physical Review D, 2005, 71, .	1.6	994
8	Modified Gauss-Bonnet theory as gravitational alternative for dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 631, 1-6.	1.5	957
9	Late-time cosmology in a (phantom) scalar-tensor theory: Dark energy and the cosmic speed-up. Physical Review D, 2004, 70, .	1.6	831
10	Quantum de Sitter cosmology and phantom matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 562, 147-152.	1.5	786
11	Modified $f(R)$ gravity consistent with realistic cosmology: From a matter dominated epoch to a dark energy universe. Physical Review D, 2006, 74, .	1.6	772
12	Unifying phantom inflation with late-time acceleration: scalar phantom non-phantom transition model and generalized holographic dark energy. General Relativity and Gravitation, 2006, 38, 1285-1304.	0.7	694
13	Class of viable modified gravity consistent with realistic cosmology: From a matter dominated epoch to a dark energy universe. Physical Review D, 2006, 74, .	1.6	772
14	Inhomogeneous equation of state of the universe: Phantom era, future singularity, and crossing the phantom barrier. Physical Review D, 2005, 72, .	1.6	652
15	Dark energy in modified Gauss-Bonnet gravity: Late-time acceleration and the hierarchy problem. Physical Review D, 2006, 73, .	1.6	624
16	Cosmological viability of $f(R)$ gravity. Physical Review D, 2006, 73, .	1.5	623
17	Gauss-Bonnet dark energy. Physical Review D, 2005, 71, .	1.6	578
18	Final state and thermodynamics of a dark energy universe. Physical Review D, 2004, 70, .	1.6	490

#	ARTICLE	IF	CITATIONS
19	Unifying inflation with Λ CDM epoch in modified gravity. $\text{arXiv:0705.3462v1 [astro-ph]}$ $F = \frac{1}{2} \dot{\phi}^2 - V(\phi) - \frac{1}{2} \alpha \dot{\phi}^2$ overflow="scroll"></mml:mi>f</mml:mi><mml:mo stretchy="false"></mml:mo><mml:mi>R</mml:mi><mml:mo stretchy="false"></mml:mo></mml:math> gravity consistent with Solar System tests. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 238-245.	1.5	458
20	Black hole thermodynamics and negative entropy in de Sitter and anti-de Sitter Einstein-Gauss-Bonnet gravity. Nuclear Physics B, 2002, 628, 295-330.	0.9	414
21	Modified Gravity with $\ln R$ Terms and Cosmic Acceleration. General Relativity and Gravitation, 2004, 36, 1765-1780.	0.7	411
22	One-loop $f(R)$ gravity in de Sitter universe. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 010-010.	1.9	364
23	Modified gravity. $\text{arXiv:0705.3462v1 [astro-ph]}$ $T_j = \frac{1}{2} \dot{\phi}^2 - V(\phi) - \frac{1}{2} \alpha \dot{\phi}^2$ stretchy="false"></mml:mo><mml:mi>R</mml:mi><mml:mo stretchy="false"></mml:mo> Tj ETQq 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (stretchy="false")</mml:math> $T_j = \frac{1}{2} \dot{\phi}^2 - V(\phi) - \frac{1}{2} \alpha \dot{\phi}^2$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>R</mml:mi></mml:msup></mml:math> inflation	1.6	361
24	Dark energy: Vacuum fluctuations, the effective phantom phase, and holography. Physical Review D, 2005, 71, .	1.6	359
25	The future of the universe in modified gravitational theories: approaching a finite-time future singularity. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 045.	1.9	326
26	Observational constraints on dark energy with generalized equations of state. Physical Review D, 2006, 73, .	1.6	319
27	Unified phantom cosmology: Inflation, dark energy and dark matter under the same standard. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 597-604.	1.5	317
28	Dark energy cosmology from higher-order, string-inspired gravity, and its reconstruction. Physical Review D, 2006, 74, .	1.6	315
29	Modified gravity and its reconstruction from the universe expansion history. Journal of Physics: Conference Series, 2007, 66, 012005.	0.3	300
30	Consistent modified gravity: dark energy, acceleration and the absence of cosmic doomsday. Classical and Quantum Gravity, 2005, 22, L35-L42.	1.5	295
31	Quantum escape of sudden future singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 1-8.	1.5	285
32	Gravity assisted dark energy dominance and cosmic acceleration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 137-142.	1.5	284
33	Cosmological reconstruction of realistic modified gravity. $\text{arXiv:0705.3462v1 [astro-ph]}$ $F = \frac{1}{2} \dot{\phi}^2 - V(\phi) - \frac{1}{2} \alpha \dot{\phi}^2$ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"></mml:mi>F</mml:mi><mml:mo stretchy="false"></mml:mo><mml:mi>R</mml:mi><mml:mo stretchy="false"></mml:mo></mml:math> gravities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 1-8.	1.5	268
34	Reconstruction of modified gravity. $\text{arXiv:0705.3462v1 [astro-ph]}$ $T_j = \frac{1}{2} \dot{\phi}^2 - V(\phi) - \frac{1}{2} \alpha \dot{\phi}^2$ stretchy="false"></mml:mo><mml:mi>T</mml:mi><mml:mo stretchy="false"></mml:mo> Tj ETQq 0 0 rgBT /Overlock 10 Tf 50 137 Td (stretchy="false")</mml:math> thermodynamics. Physical Review D, 2012, 85, .	1.6	265
35	String-inspired Gauss-Bonnet gravity reconstructed from the universe expansion history and yielding the transition from matter dominance to dark energy. Physical Review D, 2007, 75, .	1.6	252
36	Future evolution and finite-time singularities in modified gravity. $\text{arXiv:0705.3462v1 [astro-ph]}$ $F = \frac{1}{2} \dot{\phi}^2 - V(\phi) - \frac{1}{2} \alpha \dot{\phi}^2$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>F</mml:mi><mml:mo stretchy="false"></mml:mo><mml:mi>R</mml:mi><mml:mo stretchy="false"></mml:mo></mml:math> Tj ETQq 0 0 rgBT /Overlock 10 Tf 50 57 Td (stretchy="false")</mml:math> Review D, 2008, 78, .	1.6	240

#	ARTICLE	IF	CITATIONS
37	Phantom scalar dark energy as modified gravity: Understanding the origin of the Big Rip singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 105-111.	1.5	231
38	Modified non-local-F R gravity as the key for the inflation and dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 821-826.	1.5	224
39	Dark energy problem: from phantom theory to modified Gauss-Bonnet gravity. Journal of Physics A, 2006, 39, 6627-6633.	1.6	197
40	The new form of the equation of state for dark energy fluid and accelerating universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 144-150.	1.5	196
41	Viscous little rip cosmology. Physical Review D, 2011, 84, .	1.6	196
42	Entropy and universality of the Cardy-Verlinde formula in a dark energy universe. Physical Review D, 2004, 70, .	1.6	192
43	Effective equation of state and energy conditions in phantom/tachyon inflationary cosmology perturbed by quantum effects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 1-10.	1.5	187
44	Reconstructing the universe history, from inflation to acceleration, with phantom and canonical scalar fields. Physical Review D, 2008, 77, .	1.6	183
45	Bounce cosmology from F(R) gravity and F(R) bigravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	1.9	183
46	Nonsingular exponential gravity: A simple theory for early- and late-time accelerated expansion. Physical Review D, 2011, 83, .	1.6	174
47	From Inflation to Dark Energy in the Non-Minimal Modified Gravity. Progress of Theoretical Physics Supplement, 2008, 172, 81-89.	0.2	173
48	FRIEDMANN-ROBERTSON-WALKER BRANE COSMOLOGICAL EQUATIONS FROM THE FIVE-DIMENSIONAL BULK (A)dS BLACK HOLE. International Journal of Modern Physics A, 2002, 17, 4809-4870.	0.5	156
49	Mimetic F(R) gravity: Inflation, dark energy and bounce. Modern Physics Letters A, 2014, 29, 1450211.	0.5	142
50	ON THE CONFORMAL ANOMALY FROM HIGHER DERIVATIVE GRAVITY IN AdS/CFT CORRESPONDENCE. International Journal of Modern Physics A, 2000, 15, 413-428.	0.5	137
51	Inflationary cosmology and the late-time accelerated expansion of the universe in nonminimal Yang-Mills-F R gravity. Physical Review D, 2007, 75, 083507.	1.4	135
52	Covariant generalized holographic dark energy and accelerating universe. European Physical Journal C, 2017, 77, 1.	1.4	135
53	Newton law corrections and instabilities in f(R) gravity with the effective cosmological constant epoch. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 343-348.	1.5	132
54	Casimir effect in de Sitter and anti-de Sitter braneworlds. Physical Review D, 2003, 67, .	1.6	131

#	ARTICLE	IF	CITATIONS
55	inflationary universe from perfect fluid and $T_j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 737 Td$ Dark energy from modified gravity Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 424-428.	1.5	130
56	Modified cosmology from extended entropy with varying exponent. European Physical Journal C, 2019, 79, 1.	1.4	128
57	Phantom and non-phantom dark energy: The cosmological relevance of non-locally corrected gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 424-428.	1.5	118
59	Accelerating cosmologies from non-local higher-derivative gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 193-198.	1.5	118
60	Crossing of the phantom divide in modified gravity. Physical Review D, 2009, 79, .	1.6	117
61	The role of energy conditions in f(R) cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 99-106.	1.5	113
62	Dark energy from modified gravity with Lagrange multipliers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 198-208.	1.5	110
63	THE MINIMAL CURVATURE OF THE UNIVERSE IN MODIFIED GRAVITY AND CONFORMAL ANOMALY RESOLUTION OF THE INSTABILITIES. Modern Physics Letters A, 2004, 19, 627-638.	0.5	107
64	QUANTUM DILATONIC GRAVITY IN d=2,4 AND 5 DIMENSIONS. International Journal of Modern Physics A, 2001, 16, 1015-1108.	0.5	103
65	Classifying and avoiding singularities in the alternative gravity dark energy models. Physical Review D, 2009, 79, .	1.6	103
66	Equivalence of the modified gravity equation to the Clausius relation. Europhysics Letters, 2010, 89, 50003.	0.7	103
67	The oscillating dark energy: future singularity and coincidence problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 637, 139-148.	1.5	102
68	Accelerating cosmology in modified gravity: From convenient F(R) or string-inspired theory to bimetric F(R) gravity. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1460006.	0.8	93
69	Holographic inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134829.	1.5	92
70	Modified gravity as an alternative for Λ -CDM cosmology. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6725-6732.	0.7	91
71	Different Faces of Generalized Holographic Dark Energy. Symmetry, 2021, 13, 928.	1.1	90
72	Barrow entropic dark energy: A member of generalized holographic dark energy family. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 825, 136844.	1.5	88

#	ARTICLE	IF	CITATIONS
73	Transition from a matter-dominated era to a dark energy universe. <i>Physical Review D</i> , 2006, 74, .	1.6	85
74	Bulk versus boundary (gravitational Casimir) effects in the quantum creation of an inflationary brane-world universe. <i>Classical and Quantum Gravity</i> , 2000, 17, 4855-4866.	1.5	82
75	Unifying holographic inflation with holographic dark energy: A covariant approach. <i>Physical Review D</i> , 2020, 102, .	1.6	81
76	Delicate $f(R)$ gravity and observational constraints on the model parameters. <i>Physical Review D</i> , 2008, 78, .	1.6	74
77	Reconstruction and deceleration-acceleration transitions in modified gravity. <i>General Relativity and Gravitation</i> , 2010, 42, 1997-2008.	0.7	74
78	Constant-roll inflation in $F(R)$ gravity. <i>Classical and Quantum Gravity</i> , 2017, 34, 245012.	1.5	74
79	Modified $F(R)$ Lifshitz gravity: a way to accelerating FRW cosmology. <i>Classical and Quantum Gravity</i> , 2010, 27, 185021.	1.5	72
80	AdS/CFT CORRESPONDENCE, CONFORMAL ANOMALY AND QUANTUM CORRECTED ENTROPY BOUNDS. <i>International Journal of Modern Physics A</i> , 2001, 16, 3273-3289.	0.5	68
81	Covariant renormalizable gravity and its FRW cosmology. <i>Physical Review D</i> , 2010, 81, .	1.6	68
82	Regular multihorizon black holes in modified gravity with nonlinear electrodynamics. <i>Physical Review D</i> , 2017, 96, .	1.6	67
83	$f(R)$ gravity constrained by PPN parameters and stochastic background of gravitational waves. <i>General Relativity and Gravitation</i> , 2009, 41, 2313-2344.	0.7	66
84	Anti-evaporation of Schwarzschild-de Sitter black holes in $F(R)$ gravity. <i>Classical and Quantum Gravity</i> , 2013, 30, 125003.	1.5	65
85	Relativistic stars in de Rham-Gabadadze-Tolley massive gravity. <i>Physical Review D</i> , 2016, 93, .	1.6	64
86	Unifying inflation with dark energy in modified $F(R)$ Lifshitz gravity. <i>European Physical Journal C</i> , 2010, 70, 351-361.	1.4	63
87	Screening of cosmological constant in non-local gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 278-282.	1.5	63
88	From nonextensive statistics and black hole entropy to the holographic dark universe. <i>Physical Review D</i> , 2022, 105, .	1.6	60
89	Is the future universe singular: Dark matter versus modified gravity?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 686, 44-48.	1.5	57
90	Quantitative analysis of singular inflation with scalar-tensor and modified gravity. <i>Physical Review D</i> , 2015, 91, .	1.6	57

#	ARTICLE	IF	CITATIONS
91	Bounce universe history from unimodular gravity. $\frac{F}{R}$ European Physical Journal C, 2009, 64, 483.	1.6	57
92	One-loop effective action for non-local modified Gauss-Bonnet gravity in de Sitter space. European Physical Journal C, 2009, 64, 483.	1.4	55
93	Viable mimetic completion of unified inflation-dark energy evolution in modified gravity. Physical Review D, 2016, 94, .	1.6	53
94	Early and late universe holographic cosmology from a new generalized entropy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 831, 137189.	1.5	53
95	Modified first-order Hoava-Lifshitz gravity: Hamiltonian analysis of the general theory and accelerating FRW cosmology in a power-law $\frac{F}{R}$ European Physical Journal C, 2020, 80, 1.	1.6	52
96	Spherically symmetric black holes with electric and magnetic charge in extended gravity: physical properties, causal structure, and stability analysis in Einstein's and Jordan's frames. European Physical Journal C, 2020, 80, 1.	1.4	51
97	Unimodular $\frac{F}{R}$ gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 046-046.	1.9	50
98	Can primordial wormholes be induced by GUTs at the early Universe?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 19-28.	1.5	49
99	Unimodular-mimetic cosmology. Classical and Quantum Gravity, 2016, 33, 125017.	1.5	49
100	Correspondence of cosmology from non-extensive thermodynamics with fluids of generalized equation of state. Nuclear Physics B, 2020, 950, 114850.	0.9	49
101	Cardy-Verlinde formula in FRW Universe with inhomogeneous generalized fluid and dynamical entropy bounds near the future singularity. European Physical Journal C, 2010, 69, 563-574.	1.4	48
102	Turbulence and little rip cosmology. Physical Review D, 2012, 86, .	1.6	46
103	Ghost-free Gauss-Bonnet theories of gravity. Physical Review D, 2019, 99, .	1.6	46
104	Ghost-free $F(R)$ gravity with Lagrange multiplier constraint. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 44-49.	1.5	45
105	Trace Anomaly and Nonlocal Effective Action for 2-D Conformally Invariant Scalar Interacting with Dilaton. Modern Physics Letters A, 1997, 12, 2083-2087.	0.5	44
106	Reconstruction of scalar field theories realizing inflation consistent with the Planck and BICEP2 results. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 374-378.	1.5	44
107	Viable inflationary models in a ghost-free Gauss-Bonnet theory of gravity. European Physical Journal C, 2019, 79, 1.	1.4	44
108	Unifying inflation with early and late-time dark energy in $\frac{F}{R}$ gravity. Physics of the Dark Universe, 2020, 29, 100602.	1.8	44

#	ARTICLE	IF	CITATIONS
109	Variety of cosmic acceleration models from massive $F(R)$ bigravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 020-020.	1.9	43
110	HOLOGRAPHIC ENTROPY AND BRANE FRW DYNAMICS FROM AdS BLACK HOLE IN d5 HIGHER DERIVATIVE GRAVITY. <i>International Journal of Modern Physics A</i> , 2001, 16, 5085-5099.	0.5	42
111	Screening of cosmological constant for de Sitter Universe in non-local gravity, phantom-divide crossing and finite-time future singularities. <i>General Relativity and Gravitation</i> , 2012, 44, 1321-1356.	0.7	42
112	Evolution of gravitons in accelerating cosmologies: The case of extended gravity. <i>Physical Review D</i> , 2017, 95, .	1.6	42
113	k-essence $f(R)$ gravity inflation. <i>Nuclear Physics B</i> , 2019, 941, 11-27.	0.9	42
114	EFFECTIVE ACTION FOR CONFORMAL SCALARS AND ANTI-EVAPORATION OF BLACK HOLES. <i>International Journal of Modern Physics A</i> , 1999, 14, 1293-1304.	0.5	41
115	Trace-anomaly-induced effective action for 2D and 4D dilaton coupled scalars. <i>Physical Review D</i> , 1998, 57, 2363-2371.	1.6	39
116	Singular inflation from generalized equation of state fluids. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 747, 310-320.	1.5	38
117	Cosmological bound from the neutron star merger GW170817 in scalar-tensor and $F(R)$ gravity theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 425-429.	1.5	37
118	Propagation of gravitational waves in Chern-Simons axion Einstein gravity. <i>Physical Review D</i> , 2019, 100, .	1.6	35
119	AdS/CFT and quantum-corrected brane entropy. <i>Classical and Quantum Gravity</i> , 2001, 18, 5227-5238.	1.5	34
120	Dark energy generated from a (super-) string effective action with higher-order curvature corrections and a dynamical dilaton. <i>European Physical Journal C</i> , 2008, 53, 447-457.	1.4	34
121	Non-Singular Modified Gravity Unifying Inflation with Late-Time Acceleration and Universality of Viscous Ratio Bound in $F(R)$ Theory. <i>Progress of Theoretical Physics Supplement</i> , 2011, 190, 155-178.	0.2	33
122	Holographic bounce. <i>Nuclear Physics B</i> , 2019, 949, 114790.	0.9	33
123	Modeling and testing the equation of state for (Early) dark energy. <i>Physics of the Dark Universe</i> , 2021, 32, 100837.	1.8	33
124	Area-law versus Bekenstein and Tsallis black hole entropies. <i>Physical Review D</i> , 2021, 104, .	1.6	33
125	Is brane cosmology predictable?. <i>General Relativity and Gravitation</i> , 2005, 37, 1419-1425.	0.7	32
126	Stability and anti-evaporation of the Schwarzschild-de Sitter black holes in bigravity. <i>Physical Review D</i> , 2015, 91, .	1.6	32

#	ARTICLE	IF	CITATIONS
145	Propagation of gravitational waves in strong magnetic fields. <i>Physical Review D</i> , 2018, 98, .	1.6	19
146	Integral $F(R)$ gravity and saddle point condition as a remedy for the H_0 -tension. <i>Nuclear Physics B</i> , 2022, 980, 115850.	0.9	19
147	THERMODYNAMICS OF SCHWARZSCHILD (ANTI-)DE SITTER BLACK HOLES WITH ACCOUNT OF QUANTUM CORRECTIONS. <i>International Journal of Modern Physics A</i> , 2000, 15, 989-1010.	0.5	18
148	Newton law in covariant unimodular $F(R)$ gravity. <i>Modern Physics Letters A</i> , 2016, 31, 1650172.	0.5	18
149	Nontrivial black hole solutions in $F(R)$ gravity. <i>Physical Review D</i> , 2016, 93, 104017.	0.5	18
150	Universal Features of the Holographic Duality: Conformal Anomaly and Brane Gravity Trapping from 5D Ads Black Hole. <i>International Journal of Modern Physics A</i> , 2003, 18, 2001-2010.	0.5	17
151	Effects of modified gravity on the turnaround radius in cosmology. <i>Physical Review D</i> , 2018, 98, .	1.6	16
152	The unification of inflation and late-time acceleration in the frame of k -essence. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	15
153	Ghost-free $F(R)$ gravity. <i>Physical Review D</i> , 2021, 103, 104017.	0.5	15
154	STABILIZATION AND RADION IN de SITTER BRANE-WORLD. <i>Modern Physics Letters A</i> , 2002, 17, 1269-1275.	0.5	13
155	Noether current from surface term, Virasoro algebra, and black hole entropy in bigravity. <i>Physical Review D</i> , 2013, 87, .	1.6	13
156	Some solutions for one of the cosmological constant problems. <i>Modern Physics Letters A</i> , 2016, 31, 1650213.	0.5	13
157	Searching for dynamical black holes in various theories of gravity. <i>Physical Review D</i> , 2021, 103, .	1.6	13
158	$N=3$ and $N=4$ Two-Form Supergravities. <i>Modern Physics Letters A</i> , 1997, 12, 1165-1174.	0.5	12
159	Non-singular modified gravity: the unification of the inflation, dark energy and dark mater. , 2010, , .		12
160	Singular accelerated evolution in massive $F(R)$ gravity. <i>Physical Review D</i> , 2016, 93, 104017.	1.6	12
161	Gravitational waves in the presence of viscosity. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950133.	0.9	12
162	Challenging matter creation models in the phantom divide. <i>Physical Review D</i> , 2020, 101, .	1.6	12

#	ARTICLE	IF	CITATIONS
163	Mimetic Euler-Heisenberg theory, charged solutions, and multihorizon black holes. <i>Physical Review D</i> , 2021, 104, .	1.6	12
164	Analytic charged BHs in $f(R)$ gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136475.	1.5	12
165	Compact star in general $F(R)$ gravity: Inevitable degeneracy problem and non-integer power correction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 826, 136929.	1.5	12
166	On isotropic turbulence in the dark fluid universe. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	11
167	Could dynamical Lorentz symmetry breaking induce the superluminal neutrinos?. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	11
168	The dark universe future and singularities: The account of thermal and quantum effects. <i>Physics of the Dark Universe</i> , 2020, 30, 100695.	1.8	11
169	INVERSE PROBLEM “ RECONSTRUCTION OF DARK ENERGY MODELS. <i>Modern Physics Letters A</i> , 2010, 25, 859-873.	0.5	10
170	Generalized Galileon model: Cosmological reconstruction and the Vainshtein mechanism. <i>Physical Review D</i> , 2012, 86, .	1.6	10
171	Reconstruction of domain wall universe and localization of gravity. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	10
172	UNIFIED APPROACH TO STUDY QUANTUM PROPERTIES OF PRIMORDIAL BLACK HOLES, WORMHOLES AND OF QUANTUM COSMOLOGY. <i>Modern Physics Letters A</i> , 1999, 14, 1309-1316.	0.5	9
173	Consistency between black hole and mimetic gravity “ Case of $(2\hat{+}\hat{-}1)$ -dimensional gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 830, 137140.	1.5	9
174	Evaporation and antievaporation instability of a Schwarzschild“de Sitter braneworld: The case of five-dimensional $F(R)$ gravity. <i>Physical Review D</i> , 2017, 95, .	1.6	8
175	Thermal effects and scalar modes in the cosmological propagation of gravitational waves. <i>Physics of the Dark Universe</i> , 2021, 33, 100867.	1.8	8
176	Trace anomaly induced effective action and 2D black holes for dilaton coupled supersymmetric theories. <i>Physical Review D</i> , 1998, 57, 4847-4855.	1.6	7
177	Stable phantom-divide crossing in two-scalar models with matter. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	7
178	Multiple $\hat{\Lambda}$ CDM cosmology with string landscape features and future singularities. <i>Astrophysics and Space Science</i> , 2013, 344, 479-488.	0.5	7
179	New massive spin two model on a curved spacetime. <i>Physical Review D</i> , 2014, 90, .	1.6	7
180	Renormalizable toy model of massive spin-two field and new bigravity. <i>Physical Review D</i> , 2014, 90, .	1.6	7

#	ARTICLE	IF	CITATIONS
181	Rotating black hole in Λ CDM theory. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 007.	1.9	7
182	Ghost-free non-local $f(R)$ gravity cosmology. Physics of the Dark Universe, 2020, 28, 100541.	1.8	6
183	Specific neutral and charged black holes in $f(R)$ gravity. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 011.	1.6	6
184	Black holes with Lagrange multiplier and potential in mimetic-like gravitational theory: multi-horizon black holes. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 011.	1.9	6
185	Effective Lagrangian and Static Black Holes in 2-D Dilatonic Gravity Inspired by Quantum Effects. Modern Physics Letters A, 1997, 12, 925-935.	0.5	5
186	Heterotic strings from the bosonic string in 26 dimensions. Physical Review D, 1987, 35, 2466-2473.	1.6	4
187	PPN limit and cosmological gravitational waves as tools to constrain $f(R)$ -gravity. Annalen Der Physik, 2010, 19, 347-350.	0.9	4
188	Scalar domain wall as the universe. Physical Review D, 2013, 87, .	1.6	4
189	BRS structure of simple model of cosmological constant and cosmology. Physical Review D, 2017, 96, .	1.6	4
190	Screened and unscreened solutions for relativistic star in de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2019, 100, .	1.6	4
191	QUANTUM EFFECTS OF STRINGY AND MEMBRANIC NATURE FOR THE SWIMMING OF MICRO-ORGANISMS IN A FLUID. International Journal of Modern Physics A, 1996, 11, 5569-5585.	0.5	3
192	VACUUM POLARIZATION OF SUPERSYMMETRIC D-BRANE IN THE CONSTANT ELECTROMAGNETIC FIELD. Modern Physics Letters A, 1998, 13, 1531-1537.	0.5	3
193	Stability analysis for new theories of massive spin-two particle and black hole entropy of new bigravity. Physical Review D, 2015, 92, .	1.6	3
194	Sequestering mechanism in scalar-tensor gravity. Physical Review D, 2017, 96, .	1.6	3
195	EFFECTIVE POTENTIAL FOR D-BRANE IN CONSTANT ELECTROMAGNETIC FIELD. International Journal of Modern Physics A, 1998, 13, 2165-2178.	0.5	2
196	Palatini-Born-Infeld gravity, bouncing universe, and black hole formation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 31-36.	1.5	2
197	Cosmological Constant and Renormalization of Gravity. Galaxies, 2018, 6, 24.	1.1	2
198	Dressed asymptotic states and QED infrared physics. Physical Review D, 2021, 104, .	1.6	2

#	ARTICLE	IF	CITATIONS
199	(Super-) String in Two Dimensional Black Hole and Target Space Dualities. Progress of Theoretical Physics Supplement, 1992, 110, 9-23.	0.2	1
200	Black hole physics from two-dimensional dilaton gravity based on the $SL(2,R)U(1)$ coset model. Physical Review D, 1994, 49, 4066-4077.	1.6	1
201	IS THE CONDENSATION OF STRINGS THE ORIGIN OF EINSTEIN GRAVITY?. Modern Physics Letters A, 1995, 10, 2143-2152.	0.5	1
202	GROUP-THEORETICAL STRUCTURE OF $N = 1$ AND $N = 2$ TWO-FORM SUPERGRAVITY. International Journal of Modern Physics A, 1996, 11, 4907-4919.	0.5	1
203	Casimir Effect in the Curved Background and the Black Hole in Three Dimensions. International Journal of Modern Physics A, 1997, 12, 4309-4316.	0.5	1
204	Exact Four-Dimensional Exploding Universe Solution in String Theory. Modern Physics Letters A, 1997, 12, 1355-1360.	0.5	1
205	D0-BRANE DESCRIPTION OF THE CHARGED BLACK HOLE. Modern Physics Letters A, 1998, 13, 3145-3150.	0.5	1
206	A RULE OF THUMB DERIVATION OF BORN-INFELD ACTION FOR D-BRANES. Modern Physics Letters A, 1998, 13, 1309-1317.	0.5	1
207	Critical gravity with a scalar field in four dimensions. Physical Review D, 2012, 85, .	1.6	1
208	A toy model of discretized gravity in two dimensions and its extensions. Modern Physics Letters A, 2017, 32, 1750149.	0.5	1
209	Topological Gravity Motivated by Renormalization Group. Symmetry, 2018, 10, 396.	1.1	1
210	Semi-Classical Approach to Black Holes in Two Dimensions. Progress of Theoretical Physics Supplement, 1993, 114, 221-241.	0.2	0
211	TWO-FORM GRAVITY AND THE GENERATION OF SPACE-TIME. International Journal of Modern Physics A, 1996, 11, 3033-3048.	0.5	0
212	COLLECTIVE MOTION OF MICRO-ORGANISMS FROM FIELD THEORETICAL VIEWPOINT. Modern Physics Letters A, 1996, 11, 915-920.	0.5	0
213	Relativistic Stars in dRGT Massive Gravity. Proceedings (mdpi), 2018, 2, .	0.2	0
214	Statistical system based on p-adic numbers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136410.	1.5	0
215	Editorial [Dark Energy and Modified Gravity]. The Open Astronomy Journal, 2010, 3, 12-12.	1.6	0
216	Noether Current from Surface Term, Virasoro Algebra and Black Hole Entropy in Bigravity. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
217	Palatini-Born-Infeld gravity and black hole formation. , 2017, , .		0
218	The Born-Infeld Gravity in the Palatini Formalism and the Condition of the Black Hole Formation. , 2018, , .		0