

Sergei D Odintsov

List of Publications by Year in descending order

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250
papers

40,332
citations

3726

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197
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253
all docs

253
docs citations

253
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Unified cosmic history in modified gravity: From Λ CDM 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	Modified gravity theories on a nutshell: Inflation, bounce and late-time evolution. Physics Reports, 2017, 692, 1-104.	10.3	1,765
4	Modified gravity with negative and positive powers of curvature: Unification of inflation and cosmic acceleration. Physical Review D, 2003, 68, .	1.6	1,764
5	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
6	Properties of singularities in the (phantom) dark energy universe. Physical Review D, 2005, 71, .	1.6	994
7	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
8	Late-time cosmology in a (phantom) scalar-tensor theory: Dark energy and the cosmic speed-up. Physical Review D, 2004, 70, .	1.6	831
9	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
10	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
11	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
12	Inhomogeneous equation of state of the universe: Phantom era, future singularity, and crossing the phantom barrier. Physical Review D, 2005, 72, .	1.6	652
13	Dark energy in modified Gauss-Bonnet gravity: Late-time acceleration and the hierarchy problem. Physical Review D, 2006, 73, .	1.6	624
14	Unifying inflation with Λ CDM epoch in modified gravity consistent with Solar System tests. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 238-245.	1.5	623
15	Gauss-Bonnet dark energy. Physical Review D, 2005, 71, .	1.6	578
16	Final state and thermodynamics of a dark energy universe. Physical Review D, 2004, 70, .	1.6	490
17	Unifying inflation with Λ CDM epoch in modified gravity consistent with Solar System tests. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 238-245.	1.5	458

#	ARTICLE	IF	CITATIONS
19	Modified Gravity with In R Terms and Cosmic Acceleration. General Relativity and Gravitation, 2004, 36, 1765-1780.	0.7	411
20	One-loop f(R) gravity in de Sitter universe. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 010-010.	1.9	364
21	Modified gravity with $f(R)$ terms and cosmic acceleration. General Relativity and Gravitation, 2004, 36, 1765-1780.	1.6	361
22	Where new gravitational physics comes from: M-theory?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 5-11.	1.5	354
23	Dark energy dominance and cosmic acceleration in first-order formalism. Physical Review D, 2005, 72, .	1.6	327
24	Finite-time future singularities in modified Gauss-Bonnet and $f(R, G)$ gravity and singularity avoidance. European Physical Journal C, 2010, 67, 295-310.	1.4	327
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	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
27	Dark energy cosmology from higher-order, string-inspired gravity, and its reconstruction. Physical Review D, 2006, 74, .	1.6	315
28	Modified gravity and its reconstruction from the universe expansion history. Journal of Physics: Conference Series, 2007, 66, 012005.	0.3	300
29	Inflationary Cosmology in Modified Gravity Theories. Symmetry, 2015, 7, 220-240.	1.1	297
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	Reconstruction of $f(R)$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 1-4.	1.5	268
34	Stable neutron star models from $f(R)$ gravity. Physical Review D, 2010, 81, 084011.	1.6	265
35	Elementary Particle and High-Energy Physics, 2013, 725, 437-444.	1.6	265
36	Further stable neutron star models from $f(R)$ gravity. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 040-040.	1.9	258

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37	String-inspired Gauss-Bonnet gravity reconstructed from the universe expansion history and yielding the transition from matter dominance to dark energy. <i>Physical Review D</i> , 2007, 75, .	1.6	252
38	Future evolution and finite-time singularities in $F(R)$ gravity. <i>Physical Review D</i> , 2008, 78, .	1.6	240
39	Phantom scalar dark energy as modified gravity: Understanding the origin of the Big Rip singularity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 646, 105-111.	1.5	231
40	Modified non-local $F(R)$ gravity as the key for the inflation and dark energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 821-826.	1.5	224
41	Dark energy: the equation of state description versus scalar-tensor or modified gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 634, 93-100.	1.5	207
42	Mass-radius relation for neutron stars in $f(R)$ gravity. <i>Physical Review D</i> , 2007, 75, 083507.	1.6	207
43	Dark energy problem: from phantom theory to modified Gauss-Bonnet gravity. <i>Journal of Physics A</i> , 2006, 39, 6627-6633.	1.6	197
44	The new form of the equation of state for dark energy fluid and accelerating universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 144-150.	1.5	196
45	Entropy and universality of the Cardy-Verlinde formula in a dark energy universe. <i>Physical Review D</i> , 2004, 70, .	1.6	192
46	Effective equation of state and energy conditions in phantom/tachyon inflationary cosmology perturbed by quantum effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 571, 1-10.	1.5	187
47	Maximal neutron star mass and the resolution of the hyperon puzzle in modified gravity. <i>Physical Review D</i> , 2014, 89, .	1.6	187
48	Extreme neutron stars from Extended Theories of Gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 001-001.	1.9	184
49	Reconstructing the universe history, from inflation to acceleration, with phantom and canonical scalar fields. <i>Physical Review D</i> , 2008, 77, .	1.6	183
50	Bounce cosmology from $F(R)$ gravity and $F(R)$ bigravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 008-008.	1.9	183
51	Inflation and late-time cosmic acceleration in non-minimal Maxwell- $F(R)$ gravity and the generation of large-scale magnetic fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 024.	1.9	164
52	Quantum (in)stability of dilatonic AdS backgrounds and the holographic renormalization group with gravity. <i>Physical Review D</i> , 2000, 62, .	1.6	160
53	Brane world inflation induced by quantum effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 484, 119-123.	1.5	159
54	Viscous cosmology for early- and late-time universe. <i>International Journal of Modern Physics D</i> , 2017, 26, 1730024.	0.9	158

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55	Cosmological and black hole brane-world universes in higher derivative gravity. Physical Review D, 2001, 65, .	1.6	149
56	Brane-world cosmology in higher derivative gravity or warped compactification in the next-to-leading order of AdS/CFT correspondence. Journal of High Energy Physics, 2000, 2000, 049-049.	1.6	143
57	Mimetic F(R) gravity: Inflation, dark energy and bounce. Modern Physics Letters A, 2014, 29, 1450211.	0.5	142
58	Bornâ€“Infeld quantum condensate as dark energy in the universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 574, 1-7.	1.5	139
59	Conformal symmetry and accelerating cosmology in teleparallel gravity. Physical Review D, 2013, 88, .	1.6	137
60	Inflationary cosmology and the late-time accelerated expansion of the universe in nonminimal Yang-Mills- F^2 gravity with the effective cosmological constant epoch. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 424-428.	1.5	132
61	Newton law corrections and instability in nonminimal Yang-Mills- F^2 gravity with the effective cosmological constant epoch. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 424-428.	1.6	132
62	CDM universe in inflationary universe from perfect fluid and dark energy from modified gravity. Classical and Quantum Gravity, 2017, 34, 205008.	1.5	130
63	Dark energy from modified gravity. Classical and Quantum Gravity, 2017, 34, 205008.	1.5	130
64	The realistic models of relativistic stars in $f(R)$ gravity. Classical and Quantum Gravity, 2017, 34, 205008.	1.5	130
65	The realistic models of relativistic stars in $f(R)$ gravity. Classical and Quantum Gravity, 2017, 34, 205008.	1.5	130
66	Modified cosmology from extended entropy with varying exponent. European Physical Journal C, 2019, 79, 1.	1.4	128
67	Models for little rip dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 204-211.	1.5	122
68	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
69	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
70	Nonperturbative models of quark stars in $f(R)$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 160-166.	1.5	118
71	Crossing of the phantom divide in modified gravity. Physical Review D, 2009, 79, .	1.6	117
72	Bouncing cosmology in modified Gaussâ€“Bonnet gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 349-355.	1.5	116

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73	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
74	Conformal anomaly for dilaton coupled theories from AdS/CFT correspondence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 92-97.	1.5	111
75	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
76	Swampland implications of GW170817-compatible Einstein-Gauss-Bonnet gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135437.	1.5	110
77	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
78	Rectifying Einstein-Gauss-Bonnet inflation in view of GW170817. Nuclear Physics B, 2020, 958, 115135.	0.9	105
79	QUANTUM DILATONIC GRAVITY IN $d=2,4$ AND 5 DIMENSIONS. International Journal of Modern Physics A, 2001, 16, 1015-1108.	0.5	103
80	Equivalence of the modified gravity equation to the Clausius relation. Europhysics Letters, 2010, 89, 50003.	0.7	103
81	Bouncing loop quantum cosmology from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} F \langle \text{mml:mi} \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \langle \text{mml:mi} T \langle \text{mml:mi} \langle \text{mml:mo} T_j \text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 412 Td} \langle \text{mml:mo stretchy="false"} \rangle \rangle \rangle \rangle \rangle$	1.6	103
82	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
83	Phantom cosmology without Big Rip singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 396-403.	1.5	99
84	Future singularities and teleparallelism in loop quantum cosmology. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 008-008.	1.9	96
85	Unification of constant-roll inflation and dark energy with logarithmic R^2 -corrected and exponential $F(R)$ gravity. Nuclear Physics B, 2017, 923, 608-632.	0.9	96
86	Extended gravity description for the GW190814 supermassive neutron star. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135910.	1.5	96
87	Time-dependent matter instability and star singularity in $f(R)$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 451-456.	1.5	94
88	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
89	Holographic inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134829.	1.5	92
90	Nonsingular cosmological model with torsion induced by vacuum quantum effects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 162, 92-96.	1.5	91

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91	Modified gravity as an alternative for Λ CDM cosmology. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6725-6732.	0.7	91
92	Different Faces of Generalized Holographic Dark Energy. Symmetry, 2021, 13, 928.	1.1	90
93	Renormalization-group improved effective potential for gauge theories in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 240-248.	1.5	88
94	Modified Gauss-Bonnet gravity with the Lagrange multiplier constraint as mimetic theory. Classical and Quantum Gravity, 2015, 32, 185007.	1.5	88
95	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
96	Renormalization Group, Effective Action and Grand Unification Theories in Curved Space-Time. , 1991, 39, 621-641.		85
97	Transition from a matter-dominated era to a dark energy universe. Physical Review D, 2006, 74, .	1.6	85
98	Renormalization-group improved effective Lagrangian for interacting theories in curved spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 199-204.	1.5	81
99	Trace-anomaly driven inflation in $f(R)$ gravity and in minimal massive bigravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 257-264.	1.5	80
100	Causal limit of neutron star maximum mass in $f(R)$ gravity in view of GW190814. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136222.	1.5	80
101	Noether symmetry approach in Gauss-Bonnet cosmology. Modern Physics Letters A, 2014, 29, 1450164.	0.5	77
102	Correspondence of $F(R)$ gravity singularities in Jordan and Einstein frames. Annals of Physics, 2016, 373, 96-114.	1.0	77
103	Magnetic neutron stars in $f(R)$ gravity. Astrophysics and Space Science, 2015, 355, 333-341.	0.5	76
104	Reconstruction and deceleration-acceleration transitions in modified gravity. General Relativity and Gravitation, 2010, 42, 1997-2008.	0.7	74
105	Constant-roll inflation in teleparallel gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 026-026.	1.9	73
106	Modified $F(R)$ Lifshitz gravity: a way to accelerating FRW cosmology. Classical and Quantum Gravity, 2010, 27, 185021.	1.5	72
107	Effective $F(R)$ gravity from the higher-dimensional Kaluza-Klein and Randall-Sundrum theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 368-371.	1.5	69
108	Covariant renormalizable gravity and its FRW cosmology. Physical Review D, 2010, 81, .	1.6	68

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109	Stability and anti-evaporation of Reissner-Nordström black holes in modified gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 377-383.	1.5	68
110	Ghost-free bigravity and accelerating cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 377-383.	1.5	67
111	Inflation in a viscous fluid model. European Physical Journal C, 2016, 76, 1.	1.4	67
112	Superbounce and loop quantum ekpyrotic cosmologies from modified gravity. Annals of Physics, 2015, 363, 141-163.	1.0	66
113	Anti-evaporation of Schwarzschild-de Sitter black holes in $F(R)$ gravity. Classical and Quantum Gravity, 2013, 30, 125003.	1.5	65
114	Born-Infeld gravity and its functional extensions. Physical Review D, 2014, 90, .	1.6	64
115	Cosmological perturbations in a mimetic matter model. Physical Review D, 2015, 91, .	1.6	64
116	Relativistic stars in de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2016, 93, .	1.6	64
117	Dynamics of inflation and dark energy from $F(R)$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 938, 935-956.	0.9	64
118	Screening of cosmological constant in non-local gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 278-282.	1.5	63
119	Is exponential gravity a viable description for the whole cosmological history?. European Physical Journal C, 2017, 77, 862.	1.4	63
120	Deceleration versus acceleration universe in different frames of $F(R)$ gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 225-230.	1.5	62
121	Gauss-Bonnet gravitational baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 259-262.	1.5	60
122	From nonextensive statistics and black hole entropy to the holographic dark universe. Physical Review D, 2022, 105, .	1.6	60
123	Viable mimetic gravity compatible with Planck observations. Annals of Physics, 2015, 363, 503-514.	1.0	58
124	Is the future universe singular: Dark matter versus modified gravity?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 686, 44-48.	1.5	57
125	Inflationary universe in $F(R)$ gravity with antisymmetric tensor fields and their suppression during its evolution. Physical Review D, 2019, 99, .	1.6	57
126	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

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127	Scalar dark energy models mimicking Λ CDM with arbitrary future evolution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 145-153.	1.5	55
128	Quantum evolution of Schwarzschild-de Sitter (Nariai) black holes. Physical Review D, 1999, 59, .	1.6	54
129	Inflationary cosmology in unimodular $F(R)$ gravity. Modern Physics Letters A, 2017, 32, 1750114.	0.5	54
130	Extended matter bounce scenario in ghost free $f(R)$ gravity compatible with GW170817. Nuclear Physics B, 2020, 954, 114984.	10.9	506154
131	quantum cosmology. Physical Review D, 2014, 89, .	1.6	53
132	Bounce universe from string-inspired Gauss-Bonnet gravity. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	1.9	53
133	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
134	Inflationary phenomenology of Einstein Gauss-Bonnet gravity compatible with GW170817. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134874.	1.5	52
135	Unimodular $F(R)$ gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 046-046.	1.9	50
136	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
137	Correspondence of cosmology from non-extensive thermodynamics with fluids of generalized equation of state. Nuclear Physics B, 2020, 950, 114850.	0.9	49
138	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
139	Cosmological fluids with logarithmic equation of state. Annals of Physics, 2018, 398, 238-253.	1.0	48
140	The reconstruction of $f(R)$ and mimetic gravity from viable slow-roll inflation. Nuclear Physics B, 2018, 929, 79-112.	0.9	47
141	Analyzing the H_0 tension in $F(R)$ gravity models. Nuclear Physics B, 2021, 966, 115377.	0.9	47
142	(Anti-)de Sitter black holes in higher derivative gravity and dual conformal field theories. Physical Review D, 2002, 66, .	1.6	45
143	Gauss-Bonnet dark energy by Lagrange multipliers. Physical Review D, 2013, 87, .	1.6	45
144	Precision predictions for the primordial power spectra from $f(R)$ models of inflation. Nuclear Physics B, 2016, 911, 318-337.	0.9	45

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145	From neutron stars to quark stars in mimetic gravity. <i>Physical Review D</i> , 2016, 94, .	1.6	45
146	Ghost-free $F(R)$ gravity with Lagrange multiplier constraint. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 775, 44-49.	1.5	45
147	Logarithmic-corrected R^2 gravity inflation in the presence of Kalb-Ramond fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 017-017.	1.9	45
148	Reconstruction of scalar field theories realizing inflation consistent with the Planck and BICEP2 results. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 737, 374-378.	1.5	44
149	Inflation in a conformally invariant two-scalar-field theory with an extra R^2 term. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	44
150	Unifying inflation with early and late-time dark energy in $F(R)$ gravity. <i>Physics of the Dark Universe</i> , 2020, 29, 100602.	1.8	44
151	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
152	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
153	k -essence $f(R)$ gravity inflation. <i>Nuclear Physics B</i> , 2019, 941, 11-27.	0.9	42
154	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
155	Born-Infeld $f(R)$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 017-017.	1.6	40
156	One-loop modified gravity in a de Sitter universe, quantum-corrected inflation, and its confrontation with the Planck result. <i>Physical Review D</i> , 2014, 90, .	1.6	39
157	Non-minimally coupled Einstein-Gauss-Bonnet inflation phenomenology in view of GW170817. <i>Annals of Physics</i> , 2020, 420, 168250.	1.0	39
158	Spectrum of Primordial Gravitational Waves in Modified Gravities: A Short Overview. <i>Symmetry</i> , 2022, 14, 729.	1.1	39
159	Possible antigravity regions in $F(R)$ gravity theory?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 730, 136-140.	1.5	38
160	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
161	Inflationary dynamics with a smooth slow-roll to constant-roll era transition. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 041-041.	1.9	38
162	Quantitative predictions for $f(R)$ gravity primordial gravitational waves. <i>Physics of the Dark Universe</i> , 2022, 35, 100950.	1.8	38

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163	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
164	Renormalization-group improved effective potential for finite grand unified theories in curved spacetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 333, 331-336.	1.5	36
165	Spotting deviations from $R^{2\alpha}$ inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 060-060.	1.9	36
166	Quasimatter domination parameters in bouncing cosmologies. <i>Physical Review D</i> , 2015, 91, .	1.6	35
167	Chaotic solutions and black hole shadow in $f(R)$ gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136257.	1.5	35
168	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
169	Reconstruction of slow-roll $f(R)$ inflation from the observational indices. <i>Annals of Physics</i> , 2018, 388, 267-275.	1.0	34
170	Analysis of the H^2 tension problem in the Universe with viscous dark fluid. <i>Physical Review D</i> , 2020, 102, .	1.6	34
171	Improved effective potential in curved spacetime and quantum matter-higher derivative gravity theory. <i>Physical Review D</i> , 1995, 51, 1680-1691.	1.6	33
172	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
173	Holographic bounce. <i>Nuclear Physics B</i> , 2019, 949, 114790.	0.9	33
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