Sergei D Odintsov

List of Publications by Year
in descending order

250	40,332	3721	2439
papers	citations	h-index	g-index

253	253	253	3472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Quantitative predictions for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1172" altimg="si543.svg"><mml:mrow><mml:mi>f</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo> gravity primordial gravitational waves. Physics of the Dark Universe, 2022, 35, 100950.	1.8	38
3	Pre-inflationary bounce effects on primordial gravitational waves of f(R) gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136817.	1.5	24
4	The unified history of the viscous accelerating universe and phase transitions. Nuclear Physics B, 2022, 974, 115646.	0.9	8
5	Did the Universe experience a pressure non-crushing type cosmological singularity in the recent past?. Europhysics Letters, 2022, 137, 39001.	0.7	27
6	Towards a smooth unification from an ekpyrotic bounce to the dark energy era. Physics of the Dark Universe, 2022, 35, 100984.	1.8	30
7	From nonextensive statistics and black hole entropy to the holographic dark universe. Physical Review D, 2022, 105, .	1.6	60
8	Amplification of Primordial Gravitational Waves by a Geometrically Driven nonâ€canonical Reheating Era. Fortschritte Der Physik, 2022, 70, .	1.5	8
9	Anisotropic Compact Stars in D â† 4 Limit of Gaussâ€“Bonnet Gravity. Symmetry, 2022, 14, 545.	1.1	15
10	Spectrum of Primordial Gravitational Waves in Modified Gravities: A Short Overview. Symmetry, 2022, 14, 729.	1.1	39
11	Neutron stars in scalarâ€“tensor gravity with quartic order scalar potential. Annals of Physics, 2022, 440, 168839.	1.0	19
12	Helical magnetogenesis with reheating phase from higher curvature coupling and baryogenesis. Physics of the Dark Universe, 2022, 36, 101025.	1.8	6
13	Bounce Universe with Finite-Time Singularity. Universe, 2022, 8, 292.	0.9	17
14	Integral F(R) gravity and saddle point condition as a remedy for the H0-tension. Nuclear Physics B, 2022, 980, 115850.	0.9	19
15	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
16	Canonical scalar field inflation with string and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e262" altimg="si15.svg"><mml:msup><mml:mrow><mml:mi>R</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></m Annals of Physics, 2021, 424, 168359.	1.0	15
17	String-inspired Teleparallel cosmology. Nuclear Physics B, 2021, 962, 115238.	0.9	9
18	Searching for dynamical black holes in various theories of gravity. Physical Review D, 2021, 103, .	1.6	13

#	Article	IF	Citations
19	Dark energy and cosmological horizon thermal effects. Physical Review D, 2021, 103, .	1.6	5
20	k-Inflation-corrected Einstein-Gauss-Bonnet gravity with massless primordial gravitons. Nuclear Physics B, 2021, 963, 115299.	0.9	8
21	Inflationary magnetogenesis with reheating phase from higher curvature coupling. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 009.	1.9	24
22	Modeling and testing the equation of state for (Early) dark energy. Physics of the Dark Universe, 2021, 32, 100837.	1.8	33
23	Neutron stars phenomenology with scalarâ€“tensor inflationary attractors. Physics of the Dark Universe, 2021, 32, 100805.	1.8	33
24	Analyzing the H0 tension in F(R) gravity models. Nuclear Physics B, 2021, 966, 115377.	0.9	47
25	Chaotic solutions and black hole shadow in f(R) gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136257.	1.5	35
26	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
27	Different Faces of Generalized Holographic Dark Energy. Symmetry, 2021, 13, 928.	1.1	90
28	Thermal effects and scalar modes in the cosmological propagation of gravitational waves. Physics of the Dark Universe, 2021, 33, 100867.	1.8	8
29	Unifying an asymmetric bounce to the dark energy in Chernâ€“Simons F(R) gravity. Physics of the Dark Universe, 2021, 33, 100864.	1.8	22
30	Area-law versus RÃ©nyi and Tsallis black hole entropies. Physical Review D, 2021, 104, .	1.6	33
31	Maximum baryon masses for static neutron stars in f(R) gravity. Europhysics Letters, 2021, 136, 59001.	0.7	28
32	Ghost-free <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>F</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (math Physics B, 2021, 973, 115617.	0.9	17
33	Correspondence of cosmology from non-extensive thermodynamics with fluids of generalized equation of state. Nuclear Physics B, 2020, 950, 114850.	0.9	49
34	Constant-roll k-inflation dynamics. Classical and Quantum Gravity, 2020, 37, 025003.	1.5	20
35	Bottom-up reconstruction of non-singular bounce in F(R) gravity from observational indices. Nuclear Physics B, 2020, 959, 115159.	0.9	13
36	Rectifying Einstein-Gauss-Bonnet inflation in view of GW170817. Nuclear Physics B, 2020, 958, 115135.	0.9	105

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37	Non-minimally coupled Einsteinâ€“Gaussâ€“Bonnet inflation phenomenology in view of GW170817. Annals of Physics, 2020, 420, 168250.	1.0	39
38	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
39	The dark universe future and singularities: The account of thermal and quantum effects. Physics of the Dark Universe, 2020, 30, 100695.	1.8	11
40	GW170817-compatible constant-roll Einsteinâ€“Gaussâ€“Bonnet inflation and non-Gaussianities. Physics of the Dark Universe, 2020, 30, 100718.	1.8	32
41	Analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>H</mml:mi><mml:mn>0</mml:mn></mml:msub></mml:math> tension problem in the Universe with viscous dark fluid. Physical Review D, 2020, 102, .	1.6	34
42	Novel cosmological and black hole solutions in Einstein and higher-derivative gravity in two dimensions. Europhysics Letters, 2020, 130, 10004.	0.7	26
43	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
44	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e21" altimg="si5.svg"><mml:mrow><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo><mml:mo><</mml:mo> gravity with an axion-like particle: Dynamics, gravity waves, late and early-time phenomenology. Annals of Physics, 2020, 418, 168186.	1.0	28
45	Testing the equation of state for viscous dark energy. Physical Review D, 2020, 101, .	1.6	32
46	Inflationary attractors in F(R) gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135576.	1.5	30
47	Unifying inflation with early and late-time dark energy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1046" altimg="si303.svg"><mml:mrow><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mrow></mml:mrow></mml:math> gravity. Physics of the Dark Universe, 2020, 29, 100602.	1.8	44
48	Ghost-free non-local <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e106" altimg="si17.svg"><mml:mrow><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mo> gravity cosmology. Physics of the Dark Universe, 2020, 28, 100541.	1.8	6
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1299" altimg="si212.svg"><mml:mrow><mml:mi>f</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mrow></mml:mo> gravity <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1312" altimg="si211.svg"><mml:mi>k</mml:mi></mml:math>-Essence late-time phenomenology. Physics of the Dark Universe, 2020, 29, 100563.	1.8	24
50	Challenging matter creation models in the phantom divide. Physical Review D, 2020, 101, .	1.6	12
51	Propagation of gravitational waves in Chernâ€“Simons axion <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e306" altimg="si5.svg"><mml:mrow><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mo> gravity. Physics of the Dark Universe, 2020, 28, 100514.	1.8	28
52	Extended matter bounce scenario in ghost free <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 134 Td (math	0.9	54
53	Dynamics of inflation and dark energy from <mml:math 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>,</mml:mo><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 92 T compatible with GW170817. Nuclear Physics B, 2020, 954, 114984.	0.9	64
54	Holographic inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134829.	1.5	92

#	Article	IF	Citations
55	Holographic bounce. Nuclear Physics B, 2019, 949, 114790.	0.9	33
56	Screened and unscreened solutions for relativistic star in de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2019, 100, .	1.6	4
57	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
58	k-essence f(R) gravity inflation. Nuclear Physics B, 2019, 941, 11-27.	0.9	42
59	Logarithmic-corrected R² gravity inflation in the presence of Kalb-Ramond fields. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017.	1.9	45
60	Modified cosmology from extended entropy with varying exponent. European Physical Journal C, 2019, 79, 1.	1.4	128
61	Inflationary universe in <mml:math 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> gravity with antisymmetric tensor fields and their suppression during its evolution. Physical Review D, 2019, 99, .	1.6	57
62	Testing logarithmic corrections to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>R</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math> -exponential gravity by observational data. Physical Review D, 2019, 99, .	1.6	24
63	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
64	Reconstruction of slow-roll<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml1" display="inline" overflow="scroll" altimg="si1.gif"><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mrow><</mml:math> inflation from the observational indices. Annals of Physics, 2018, 388, 267-275.	1.0	34
65	The reconstruction of f(Ï•)R and mimetic gravity from viable slow-roll inflation. Nuclear Physics B, 2018, 929, 79-112.	0.9	47
66	Cosmological bound from the neutron star merger GW170817 in scalarâ€“tensor and F(R) gravity theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 425-429.	1.5	37
67	Cosmological fluids with logarithmic equation of state. Annals of Physics, 2018, 398, 238-253.	1.0	48
68	Thermodynamically allowed phantom cosmology with viscous fluid. Physical Review D, 2018, 98, .	1.6	21
69	Kinetic scalar curvature extended f(R) gravity. Nuclear Physics B, 2018, 936, 597-614.	0.9	17
70	Propagation of gravitational waves in strong magnetic fields. Physical Review D, 2018, 98, .	1.6	19
71	Effects of modified gravity on the turnaround radius in cosmology. Physical Review D, 2018, 98, .	1.6	16
72	Constant-roll inflation in f(T) teleparallel gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 026-026.	1.9	73

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73	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
74	Inflationary dynamics with a smooth slow-roll to constant-roll era transition. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 041-041.	1.9	38
75	Modified gravity theories on a nutshell: Inflation, bounce and late-time evolution. Physics Reports, 2017, 692, 1-104.	10.3	1,765
76	Inflationary cosmology in unimodular F(T) gravity. Modern Physics Letters A, 2017, 32, 1750114.	0.5	54
77	The realistic models of relativistic stars in f â€‰(R) = R + Î±R ² gravity. Classical and Quantum Gravity, 2017, 34, 205008.	1.5	130
78	Beyond-one-loop quantum gravity action yielding both inflation and late-time acceleration. Nuclear Physics B, 2017, 921, 411-435.	0.9	25
79	An alternative attractor in gauged NJL inflation. Europhysics Letters, 2017, 118, 29001.	0.7	2
80	Inflation from the finite scale gauged Nambuâ€“Jona-Lasinio model. Nuclear Physics B, 2017, 919, 297-314.	0.9	10
81	Viscous cosmology for early- and late-time universe. International Journal of Modern Physics D, 2017, 26, 1730024.	0.9	158
82	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
83	Unification of constant-roll inflation and dark energy with logarithmic R2-corrected and exponential F(R) gravity. Nuclear Physics B, 2017, 923, 608-632.	0.9	96
84	Evaporation and antievaporation instability of a Schwarzschildâ€“de Sitter braneworld: The case of five-dimensional F(R) gravity. Physical Review D, 2017, 95, .	1.6	8
85	Is exponential gravity a viable description for the whole cosmological history?. European Physical Journal C, 2017, 77, 862.	1.4	63
86	Dark Matter and Dark Energy Cosmologies and Alternative Theories of Gravitation. Advances in High Energy Physics, 2017, 2017, 1-2.	0.5	0
87	Relativistic Stars in Massive Gravity. , 2017, , .		1
88	UnimodularF(R) gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 046-046.	1.9	50
89	Inflation in a viscous fluid model. European Physical Journal C, 2016, 76, 1.	1.4	67
90	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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91	Gaussâ€“Bonnet gravitational baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 259-262.	1.5	60
92	Bornâ€“Infeld condensate as a possible origin of neutrino masses and dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 611-616.	1.5	15
93	From neutron stars to quark stars in mimetic gravity. Physical Review D, 2016, 94, .	1.6	45
94	Mass-radius relation for neutron stars in<mml:math 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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 612 Td (stretchy="false">)</mml:m	1.6	207
95	Correspondence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si24.gif" display="inline" overflow="scroll"><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mrow> gravity singularities in Jordan and Einstein frames. Annals of Physics, 2016, 373, 96-114.	1.9	77
96	Relativistic stars in de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2016, 93, .	1.6	64
97	Inflationary universe from higher derivative quantum gravity coupled with scalar electrodynamics. Nuclear Physics B, 2016, 907, 646-663.	0.9	21
98	Spotting deviations fromR²inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 060-060.	1.9	36
99	Cosmological attractor inflation from the RG-improved Higgs sector of finite gauge theory. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 025-025.	1.9	26
100	Bounce universe from string-inspired Gauss-Bonnet gravity. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	1.9	53
101	Symmetry Best Paper Award 2015. Symmetry, 2015, 7, 1040-1042.	1.1	0
102	Quasimatter domination parameters in bouncing cosmologies. Physical Review D, 2015, 91, .	1.6	35
103	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
104	Inflation in a conformally invariant two-scalar-field theory with an extra $$R^2$$ R 2 term. European Physical Journal C, 2015, 75, 1.	1.4	44
105	Non-minimal two-loop inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 105-111.	1.5	32
106	Cosmological perturbations in a mimetic matter model. Physical Review D, 2015, 91, .	1.6	64
107	Inflationary Cosmology in Modified Gravity Theories. Symmetry, 2015, 7, 220-240.	1.1	297
108	Inflation without self-reproduction in F(R) gravity. Astrophysics and Space Science, 2015, 357, 1.	0.5	8

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109	Singular cosmological evolution using canonical and ghost scalar fields. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 044-044.	1.9	27
110	Singular inflation from generalized equation of state fluids. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 310-320.	1.5	38
111	Superbounce and loop quantum cosmologies from modified gravity: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mrow> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>G</mml:mi><mml:mo>)</mml:mo></mml:mrow> and <mml:. Annals of Physics, 2015, 363, 141-163.	1.0	66
112	Modified Gaussâ€“Bonnet gravity with the Lagrange multiplier constraint as mimetic theory. Classical and Quantum Gravity, 2015, 32, 185007.	1.5	88
113	Extreme neutron stars from Extended Theories of Gravity. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	1.9	184
114	Viable mimetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>F</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>)</mml:mo></mml:mrow> gravity compatible with Planck observations. Annals of Physics, 2015, 363, 503-514.	1.0	58
115	Magnetic neutron stars in f(R) gravity. Astrophysics and Space Science, 2015, 355, 333-341.	0.5	76
116	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
117	Inflationary universe from perfect fluid and<mml:math 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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 417 Td (stretchy="false")	1.6	131
118	Instabilities and anti-evaporation of Reissnerâ€“NordstrÃ¶m black holes in modified <mml:math 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> gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 376-382.	1.5	68
119	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
120	One-loop modified gravity in a de Sitter universe, quantum-corrected inflation, and its confrontation with the Planck result. Physical Review D, 2014, 90, .	1.6	39
121	Mimetic F(R) gravity: Inflation, dark energy and bounce. Modern Physics Letters A, 2014, 29, 1450211.	0.5	142
122	Born-Infeld gravity and its functional extensions. Physical Review D, 2014, 90, .	1.6	64
123	Born-Infeld<mml:math 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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 172 Td (stretchy="false")	1.6	40
124	Maximal neutron star mass and the resolution of the hyperon puzzle in modified gravity. Physical Review D, 2014, 89, .	1.6	187
125	Possible antigravity regions in <mml:math 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> theory?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 136-140.	1.5	38
126	Noether symmetry approach in Gaussâ€“Bonnet cosmology. Modern Physics Letters A, 2014, 29, 1450164.	0.5	77

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127	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
128	Trace-anomaly driven inflation in <mml:math 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>T</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> gravity and in minimal massive bigravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 257-264.	1.5	80
129	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi><mml:mo>+</mml:mo><mml:mi>Î±</mml:mi><mml:msup><mml:mi>R</mml:mi><mml:mn>2</mml:mn> quantum cosmology. Physical Review D, 2014, 89, .	1.6	53
130	Little Rip, ΛCDM and singular dark energy cosmology from Bornâ€“Infeld-<mml:math 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> gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 36-40.	1.5	27
131	Bounce cosmology fromF(R) gravity andF(R) bigravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	1.9	183
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149	Domain wall solutions in <mml:math 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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 577 Td (stretchy="false")	1.6	26
150	Ghost-free <mml:math 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> bigravity and accelerating cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 377-383.	1.5	67
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184	Modified <mml:math 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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (stretchy="false">)</mml:m	1.6	361
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