Ratbay Myrzakulov

List of Publications by Year
in descending order

281 papers	8,734 citations	38742 50 h-index	64796 79 g-index
282 all docs	282 docs citations	282 times ranked	1768 citing authors

#	Article	IF	Citations
1	Reconstruction of some cosmological models in f(R,T) cosmology. European Physical Journal C, 2012, 72, 1.	3.9	304
2	Accelerating universe from F(T) gravity. European Physical Journal C, 2011, 71, 1.	3.9	295
3	Reconstruction of <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>T</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657 Td stretchy="false" thermodynamics. Physical Review D, 2013, 85, .	4.7	265
4	Teleparallel equivalent of Gauss-Bonnet gravity and its modifications. Physical Review D, 2014, 90, .	4.7	208
5	ΛCDM epoch reconstruction from F (R , G) and modified Gauss–Bonnet gravities. Classical and Quantum Gravity, 2010, 27, 095007.	4.0	194
6	Mimetic Gravity: A Review of Recent Developments and Applications to Cosmology and Astrophysics. Advances in High Energy Physics, 2017, 2017, 1-43.	1.1	190
7	FRW cosmology in F(R,T) gravity. European Physical Journal C, 2012, 72, 1.	3.9	146
8	Inflation in $$f(R,phi)$$ f (R , φ) -theories and mimetic gravity scenario. European Physical Journal C, 2015, 75, 1.	3.9	140
9	Holographic dark energy through Tsallis entropy. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 012-012.	5.4	134
10	Cosmology with hybrid expansion law: scalar field reconstruction of cosmic history and observational constraints. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 022-022.	5.4	132
11	Static spherically symmetric solutions in mimetic gravity: rotation curves and wormholes. Classical and Quantum Gravity, 2016, 33, 125005.	4.0	131
12	Nearly Starobinsky inflation from modified gravity. Physical Review D, 2014, 89, .	4.7	125
13	On the ΛCDM Universe in f(G) gravity. General Relativity and Gravitation, 2011, 43, 1671-1684.	2.0	115
14	Wormholes in a viable f(T) gravity. European Physical Journal C, 2013, 73, 1.	3.9	114
15	Attractor solutions in f(T) cosmology. European Physical Journal C, 2012, 72, 1.	3.9	113
16	Violation of the First Law of Thermodynamics in f (R , T) Gravity. Chinese Physics Letters, 2012, 29, 109801.	3.3	111
17	Analysis of F(R, T) gravity models through energy conditions. European Physical Journal Plus, 2013, 128, 1.	2.6	106
18	Cosmological applications of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>F</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>T</mml:mi><mml:mo>,</mml:mo><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow	4.7	98

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19	Anisotropic compact stars in f(G) gravity. Astrophysics and Space Science, 2015, 357, 1.	1.4	94
20	Cosmological viable mimetic f(R) and f(R, T) theories via Noether symmetry. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550101.	2.0	92
21	Einstein gravity with Gauss-Bonnet entropic corrections. Physical Review D, 2013, 88, .	4.7	89
22	Generalized second law of thermodynamics in f(T) gravity with entropy corrections. Astrophysics and Space Science, 2013, 344, 259-267.	1.4	89
23	Stability of a non-minimally conformally coupled scalar field in F(T) cosmology. European Physical Journal C, 2012, 72, 1.	3.9	85
24	Covariant HorÌŒava-like and mimetic Horndeski gravity: cosmological solutions and perturbations. Classical and Quantum Gravity, 2016, 33, 225014.	4.0	85
25	A type of Leviâ€"Civita solution in modified Gaussâ€"Bonnet gravity. Canadian Journal of Physics, 2014, 92, 173-176.	1.1	83
26	Noether symmetry of F(T) cosmology with quintessence and phantom scalar fields. European Physical Journal C, 2012, 72, 1.	3.9	81
27	F(R)-gravity and inflation. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1530003.	2.0	81
28	Unification of inflation and dark energyÃ laquintessential inflation. International Journal of Modern Physics D, 2015, 24, 1530014.	2.1	81
29	SOME ASPECTS OF GENERALIZED MODIFIED GRAVITY MODELS. International Journal of Modern Physics D, 2013, 22, 1330017.	2.1	80
30	Variable gravity: A suitable framework for quintessential inflation. Physical Review D, 2014, 90, .	4.7	77
31	Motion of curves and surfaces and nonlinear evolution equations in (2+1) dimensions. Journal of Mathematical Physics, 1998, 39, 3765-3771.	1.1	71
32	Cosmic history of viable exponential gravity: equation of state oscillations and growth index from inflation to dark energy era. Classical and Quantum Gravity, 2013, 30, 015008.	4.0	70
33	p-wave holographic superconductors with Weyl corrections. Europhysics Letters, 2012, 97, 61001.	2.0	69
34	Trace-anomaly driven inflation in modified gravity and the BICEP2 result. Physical Review D, 2014, 90, .	4.7	66
35	Bianchi type I cosmology in generalized Saezâ€"Ballester theory via Noether gauge symmetry. European Physical Journal C, 2012, 72, 1.	3.9	65
36	Quintessential inflation with canonical and noncanonical scalar fields and Planck 2015 results. Physical Review D, 2015, 92, .	4.7	65

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37	Exploring cylindrical solutions in modified <i>f</i>(<i>G</i>) gravity. Canadian Journal of Physics, 2014, 92, 1528-1540.	1.1	64
38	On the simplest (2+1) dimensional integrable spin systems and their equivalent nonlinear SchrÃ¶dinger equations. Journal of Mathematical Physics, 1998, 39, 2122-2140.	1.1	61
39	Resolution of dark matter problem in f(T) gravity. European Physical Journal C, 2012, 72, 1.	3.9	60
40	FRW and Bianchi type I cosmology of f-essence. Astrophysics and Space Science, 2012, 339, 37-43.	1.4	60
41	Class of quintessential inflation models with parameter space consistent with BICEP2. Physical Review D, 2014, 89, .	4.7	60
42	Nonommutative wormholes in f(R) gravity. Journal of the Korean Physical Society, 2014, 65, 917-925.	0.7	59
43	Higher order corrections of the extended Chaplygin gas cosmology with varying $$G$$ G and $$Lambda $$ Î›. European Physical Journal C, 2015, 75, 1.	3.9	59
44	Pure Kinetic K-essence as the Cosmic Speed-Up. International Journal of Theoretical Physics, 2011, 50, 1876-1886.	1.2	58
45	A (2 + 1)-dimensional integrable spin model: Geometrical and gauge equivalent counterpart, solitons and localized coherent structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 233, 391-396.	2.1	56
46	Energy conditions in generalized teleparallel gravity models. General Relativity and Gravitation, 2013, 45, 263-273.	2.0	55
47	Inflationary universe from higher-derivative quantum gravity. Physical Review D, 2015, 91, .	4.7	54
48	$$F(T)$$ gravity and k-essence. General Relativity and Gravitation, 2012, 44, 3059-3080.	2.0	53
49	Integrable (2 + 1)-Dimensional Spin Models with Self-Consistent Potentials. Symmetry, 2015, 7, 1352-1375.	2.2	52
50	Pilgrim dark energy in f(T,T G) cosmology. Astrophysics and Space Science, 2014, 353, 279-292.	1.4	50
51	Holographic complexity in gauge/string superconductors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 354-357.	4.1	50
52	Phase space analysis of interacting dark energy in f(T) cosmology. Open Physics, 2012, 10, .	1.7	48
53	Charged black holes in generalized teleparallel gravity. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 024-024.	5.4	48
54	Cosmological fluids with logarithmic equation of state. Annals of Physics, 2018, 398, 238-253.	2.8	48

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55	Integrable generalizations of Schrödinger maps and Heisenberg spin models from Hamiltonian flows of curves and surfaces. Journal of Geometry and Physics, 2010, 60, 1576-1603.	1.4	47
56	New modified mimetic gravity. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450091.	2.0	47
57	Dynamics of interacting quintessence. European Physical Journal C, 2015, 75, 1.	3.9	47
58	Constraints on cosmological parameters in power-law cosmology. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 031-031.	5.4	47
59	Generalized second law of thermodynamics in f (R , T) $f(R,T)$ theory of gravity. Astrophysics and Space Science, 2016, 361, 1.	1.4	47
60	Turbulence and little rip cosmology. Physical Review D, 2012, 86, .	4.7	46
61	Bounce solutions in viscous fluid cosmology. Astrophysics and Space Science, 2014, 352, 281-288.	1.4	46
62	CYLINDRICAL SOLUTIONS IN MODIFIED f(T) GRAVITY. International Journal of Modern Physics D, 2012, 21, 1250093.	2.1	45
63	CONDENSATION OF THE SCALAR FIELD WITH STUCKELBERG AND WEYL CORRECTIONS IN THE BACKGROUND OF A PLANAR AdS–SCHWARZSCHILD BLACK HOLE. International Journal of Modern Physics A, 2012, 27, 1250128.	1.5	44
64	Reconstruction of cosmic history from a simple parametrization of H. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750111.	2.0	43
65	Statefinder Analysis of <i>f</i>(<i>T</i>) Cosmology. Journal of the Physical Society of Japan, 2012, 81, 114004.	1.6	42
66	Instabilities and (anti)-evaporation of Schwarzschild–de Sitter black holes in modified gravity. Physical Review D, 2013, 88, .	4.7	42
67	Gauge equivalence between -dimensional continuous Heisenberg ferromagnetic models and nonlinear Schrödinger-type equations. Journal of Physics A, 1998, 31, 9535-9545.	1.6	41
68	Interacting Ricci dark energy with logarithmic correction. Astrophysics and Space Science, 2012, 340, 199-208.	1.4	41
69	Statefinder hierarchy of bimetric and galileon models for concordance cosmology. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 047-047.	5.4	40
70	Spherically symmetric static vacuum solutions in Mimetic gravity. General Relativity and Gravitation, 2015, 47, 1.	2.0	40
71	Tolman–Oppenheimer–Volkoff equations in nonlocal f(R) gravity. International Journal of Modern Physics A, 2015, 30, 1550093.	1.5	39
72	Spectrum of Primordial Gravitational Waves in Modified Gravities: A Short Overview. Symmetry, 2022, 14, 729.	2.2	39

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73	Non-singular solutions to Einstein-Klein-Gordon equations with a phantom scalar field. Journal of High Energy Physics, 2008, 2008, 094-094.	4.7	38
74	Warm Intermediate Inflation in F(T) Gravity. International Journal of Theoretical Physics, 2015, 54, 1098-1112.	1.2	37
75	Late-time cosmic acceleration: ABCD of dark energy and modified theories of gravity. International Journal of Modern Physics D, 2016, 25, 1630031.	2.1	37
76	Fidelity susceptibility as holographic PV-criticality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 154-158.	4.1	37
77	Phase space analysis of some interacting Chaplygin gas models. European Physical Journal C, 2017, 77, 1.	3.9	37
78	Cosmology of F(T) Gravity and k-Essence. Entropy, 2012, 14, 1627-1651.	2.2	36
79	Reconstruction of f(T) and f(R) gravity according to (m, n)-type holographic dark energy. Canadian Journal of Physics, 2013, 91, 703-708.	1.1	36
80	Geometrothermodynamics of higher dimensional black holes. General Relativity and Gravitation, 2013, 45, 1603-1617.	2.0	36
81	Cosmological investigations of (extended) nonlinear massive gravity schemes with nonminimal coupling. Physical Review D, 2014, 89, .	4.7	36
82	Power-law entropy-corrected Ricci dark energy and dynamics of scalar fields. Physica Scripta, 2012, 86, 045004.	2.5	35
83	Bulk viscous embedded hybrid dark energy models. European Physical Journal C, 2019, 79, 1.	3.9	35
84	Noether symmetries in a modified scalar-tensor gravity. Physical Review D, 2014, 90, .	4.7	34
85	Cosmological reconstruction of f(T, ?) gravity. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450077.	2.0	34
86	Analysis of the H_0 tension problem in the Universe with viscous dark fluid. Physical Review D, 2020, 102, .	4.7	34
87	Generalized second law of thermodynamics for FRW cosmology with power-law entropy correction. European Physical Journal C, 2012, 72, 1.	3.9	33
88	Modified Chaplygin gas and solvable F-essence cosmologies. Astrophysics and Space Science, 2011, 336, 315-325.	1.4	32
89	Thermodynamics in Little Rip cosmology in the framework of a type of f(R, T) gravity. European Physical Journal Plus, 2014, 129, 1.	2.6	32
90	Tolman–Oppenheimer–Volkoff equations in modified Gauss–Bonnet gravity. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550014.	2.0	31

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91	Charged noncommutative wormhole solutions in f(T) gravity. European Physical Journal Plus, 2014, 129, 1.	2.6	29
92	Evading Lyth bound in models of quintessential inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 191-195.	4.1	29
93	Holographic, new agegraphic, and ghost dark energy models in fractal cosmology. Canadian Journal of Physics, 2013, 91, 770-776.	1.1	28
94	Dynamics of coupled phantom and tachyon fields. European Physical Journal C, 2017, 77, 1.	3.9	28
95	Observational constraints on non-minimally coupled Galileon model. European Physical Journal C, 2013, 73, 1.	3.9	27
96	Reconstruction of inflation models. European Physical Journal C, 2015, 75, 1.	3.9	27
97	Quintessential inflation in a thawing realization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 200-208.	4.1	27
98	Inhomogeneous viscous fluids in FRW universe and finite-future time singularities. Astrophysics and Space Science, 2014, 350, 845-853.	1.4	26
99	Holographic entanglement entropy in 2D holographic superconductor via AdS3/CFT2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 417-425.	4.1	26
100	Relic gravitational waves from quintessential inflation. Physical Review D, 2017, 96, .	4.7	26
101	Deformation of surfaces, integrable systems, and Chern–Simons theory. Journal of Mathematical Physics, 2001, 42, 1397.	1.1	25
102	Noether symmetry approach for teleparallel-curvature cosmology. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550095.	2.0	25
103	Beyond-one-loop quantum gravity action yielding both inflation and late-time acceleration. Nuclear Physics B, 2017, 921, 411-435.	2.5	25
104	Interacting Quintessence Dark Energy Models in Lyra Manifold. Advances in High Energy Physics, 2014, 2014, 1-13.	1.1	24
105	Integrable motion of curves in self-consistent potentials: Relation to spin systems and soliton equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2118-2123.	2.1	24
106	Interacting varying ghost dark energy models in general relativity. Astrophysics and Space Science, 2015, 357, 1.	1.4	24
107	Observational constraints on varying neutrino-mass cosmology. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 049-049.	5.4	24
108	Nonlinear spin-phonon excitations in an inhomogeneous compressible biquadratic Heisenberg spin chain. Physica A: Statistical Mechanics and Its Applications, 1997, 234, 715-724.	2.6	23

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109	Thick brane in 7D and 8D spacetimes. General Relativity and Gravitation, 2009, 41, 131-146.	2.0	23
110	Higher-derivative f(R,â—¡R,T) theories of gravity. International Journal of Modern Physics D, 2017, 26, 1750024.	2.1	23
111	Noether gauge symmetry of modified teleparallel gravity minimally coupled with a canonical scalar field. Canadian Journal of Physics, 2013, 91, 93-97.	1.1	22
112	PLANAR SYMMETRY IN f(T) GRAVITY. International Journal of Modern Physics D, 2013, 22, 1350043.	2.1	22
113	Non-local F (R) $F(R)$ -mimetic gravity. Astrophysics and Space Science, 2016, 361, 1.	1.4	22
114	Unifying an asymmetric bounce to the dark energy in Chernâ€"Simons F(R) gravity. Physics of the Dark Universe, 2021, 33, 100864.	4.9	22
115	Non-minimal geometryâ€"matter couplings in Weylâ€"Cartan spaceâ€"times: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1253" altimg="si4.svg"><mml:mrow><mml:mi>f</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo> gravity. Physics of the Dark Universe, 2021, 34, 100886.	4.9	22
116	Analytical Holographic Superconductor with Backreaction Using AdS 3/CFT 2. International Journal of Theoretical Physics, 2013, 52, 2773-2783.	1.2	21
117	Inflationary universe from higher derivative quantum gravity coupled with scalar electrodynamics. Nuclear Physics B, 2016, 907, 646-663.	2.5	21
118	Particle-Like Excitations in Many Component Magnon-Phonon Systems. Physica Scripta, 1986, 33, 378-384.	2.5	19
119	Noether gauge symmetry for the Bianchi type I model in *f*(*T*) gravity. Physica Scripta, 2013, 88, 025003.	2.5	19
120	Integrable Kuralay Equations: Geometry, Solutions and Generalizations. Symmetry, 2022, 14, 1374.	2.2	19
121	Inhomogeneous viscous fluids for inflation. Astrophysics and Space Science, 2015, 356, 205-213.	1.4	18
122	Cylindrical solutions in mimetic gravity. European Physical Journal C, 2016, 76, 1.	3.9	18
123	Darboux transformation and exact solutions of the integrable Heisenberg ferromagnetic equation with self-consistent potentials. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1550134.	2.0	18
124	THERMODYNAMICS OF A SCHWARZSCHILD BLACK HOLE IN PHANTOM COSMOLOGY WITH ENTROPY CORRECTIONS. International Journal of Modern Physics D, 2012, 21, 1250065.	2.1	17
125	Geometrothermodynamics of Myers-Perry Black Holes. Advances in High Energy Physics, 2013, 2013, 1-11.	1.1	17
126	HOLOGRAPHIC SUPERCONDUCTORS WITH WEYL CORRECTIONS VIA GAUGE/GRAVITY DUALITY. International Journal of Modern Physics A, 2013, 28, 1350096.	1.5	17

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127	Torsion and Particle Horizons. International Journal of Theoretical Physics, 2014, 53, 3901-3909.	1.2	17
128	An effective quintessence field with a power-law potential. Astrophysics and Space Science, 2015, 356, 383-391.	1.4	17
129	Holographic superconductors with Weyl corrections. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1550131.	2.0	16
130	Power-law entropy-corrected holographic dark energy in Hořava-Lifshitz cosmology with Granda-Oliveros cut-off. European Physical Journal Plus, 2016, 131, 1.	2.6	16
131	Mimetic Attractors. International Journal of Theoretical Physics, 2016, 55, 2558-2572.	1.2	16
132	Kaluza–Klein Bulk Viscous Fluid Cosmological Models and the Validity of the Second Law of Thermodynamics in f(R, T) Gravity. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 365-374.	1.5	16
133	General Slow-Roll Inflation in f(R) Gravity under the Palatini Approach. Symmetry, 2020, 12, 1958.	2.2	16
134	Cosmological bouncing scenarios in symmetric teleparallel gravity. European Physical Journal Plus, 2021, 136, 1.	2.6	16
135	Generalized Coherent States and the Continuous Heisenberg XYZ Model With One-Ion Anisotropy. Physica Scripta, 1987, 35, 233-237.	2.5	15
136	Geometry and multidimensional soliton equations. Theoretical and Mathematical Physics(Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	15
137	Linear stability of spherically symmetric and wormhole solutions supported by the sine-Gordon ghost scalar field. Physical Review D, 2010, 82, .	4.7	15
138	Periodic Cosmological Evolutions of Equation of State for Dark Energy. Entropy, 2012, 14, 2351-2374.	2.2	15
139	Noether gauge symmetry approach in quintom cosmology. Astrophysics and Space Science, 2013, 348, 533-540.	1.4	15
140	Topological static spherically symmetric vacuum solutions in gravity $$\mathcal{F }(R,G)$$. General Relativity and Gravitation, 2013, 45, 675-690.	2.0	15
141	Inhomogeneous Viscous Fluids in a Friedmann-Robertson-Walker (FRW) Universe. Galaxies, 2013, 1, 83-95.	3.0	15
142	Conformal invariant teleparallel cosmology. European Physical Journal Plus, 2014, 129, 1.	2.6	15
143	(2 + 1)-Dimensional Solutions in F(R) Gravity. International Journal of Theoretical Physics, 2014, 53, 4170-4181.	1.2	15
144	Chaotic inflation in higher derivative gravity theories. European Physical Journal C, 2015, 75, 1.	3.9	15

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145	Scalar tensor Horndeski models: simple cosmological applications. Astrophysics and Space Science, 2016, 361, 1.	1.4	15
146	Imperfect fluid cosmological model in modified gravity. Chinese Journal of Physics, 2017, 55, 1044-1054.	3.9	15
147	Cosmic string in gravity's rainbow. Astrophysics and Space Science, 2017, 362, 1.	1.4	15
148	G-essence with Yukawa interactions. European Physical Journal C, 2011, 71, 1.	3.9	14
149	Looking for empty topological wormhole spacetimes in <i>F</i> (<i>R</i>)-modified gravity. Classical and Quantum Gravity, 2013, 30, 235013.	4.0	14
150	Inhomogeneous universe in f(T) theory. Gravitation and Cosmology, 2014, 20, 80-89.	1.1	14
151	f(Ï•)R-models for inflation. International Journal of Modern Physics D, 2016, 25, 1650041.	2.1	14
152	Mimetic compact stars. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850091.	2.0	14
153	Bounce and cyclic cosmology in new gravitational scalar-tensor theories. Physical Review D, 2018, 98, .	4.7	14
154	Cosmological Einstein–Maxwell model with g-essence. International Journal of Modern Physics D, 2019, 28, 1950126.	2.1	14
155	DARK ENERGY IN SOME INTEGRABLE AND NONINTEGRABLE FRW COSMOLOGICAL MODELS. International Journal of Modern Physics D, 2011, 20, 2419-2446.	2.1	13
156	Ekpyrotic universes inF(R)HoÅ™ava-Lifshitz gravity. Physical Review D, 2012, 85, .	4.7	13
157	Construction of a holographic superconductor in F(R) gravity. European Physical Journal Plus, 2014, 129, 1.	2.6	13
158	Dromions in (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si14.gif") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 dimensional ferromagnetic spin chain with bilinear and biquadratic interactions. Physica A: Statistical Mechanics and Its Applications, 2014, 415, 105-115.	2.6	13
159	Analytical holographic superconductors in AdS_N-Lifshitz topological black holes. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550015.	2.0	13
160	Analytical coexistence of s-, p-, (s + p)-phases of a holographic superconductor. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550048.	2.0	13
161	Noether symmetry approach for Dirac–Born–Infeld cosmology. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550065.	2.0	13
162	Statefinder Parameters for Different Dark Energy Models with Variable G Correction in Kaluza-Klein Cosmology. International Journal of Theoretical Physics, 2012, 51, 2246-2255.	1.2	12

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163	COSMOLOGICAL EVOLUTION OF EQUATION OF STATE FOR DARK ENERGY IN G-ESSENCE MODELS. International Journal of Modern Physics D, 2013, 22, 1350023.	2.1	12
164	Evolution of Primordial Black Holes in Loop Quantum Cosmology. Journal of Astrophysics and Astronomy, 2014, 35, 97-106.	1.0	12
165	Interaction between modified Chaplygin gas and ghost dark energy in the presence of extra dimensions. European Physical Journal Plus, 2014, 129, 1.	2.6	12
166	Evaporation phenomena in f(T) gravity. Canadian Journal of Physics, 2015, 93, 377-383.	1.1	12
167	Interacting Ricci Dark Energy Models with an Effective Λ-term in Lyra Manifold. International Journal of Theoretical Physics, 2015, 54, 749-760.	1.2	12
168	Galileons, phantom fields, and the fate of the Universe. European Physical Journal C, 2016, 76, 1.	3.9	12
169	Observational constraints on the generalized α attractor model. International Journal of Modern Physics D, 2018, 27, 1850058.	2.1	12
170	Modelling of a compact anisotropic star as an anisotropic fluid sphere in $f(T)$ gravity. Canadian Journal of Physics, 2018, 96, 1295-1303.	1.1	12
171	Metric-Affine Version of Myrzakulov F(R,T,Q,T) Gravity and Cosmological Applications. Universe, 2021, 7, 262.	2.5	12
172	Trace-anomaly driven inflation in f(T) gravity with a cosmological constant. Astrophysics and Space Science, 2015, 357, 1.	1.4	11
173	Cosmological reconstruction and Om diagnostic analysis of Einstein-Aether theory. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 015-015.	5.4	11
174	Reconstruction of k-essence inflation in Horndeski gravity. European Physical Journal Plus, 2017, 132, 1.	2.6	11
175	Coupled dispersionless and generalized Heisenberg ferromagnet equations with self-consistent sources: Geometry and equivalence. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050104.	2.0	11
176	BOSON STARS FROM A GAUGE CONDENSATE. Modern Physics Letters A, 2007, 22, 273-281.	1.2	10
177	PHANTOM FIELDS: BOUNCE SOLUTIONS IN THE EARLY UNIVERSE AND S-BRANES. International Journal of Modern Physics D, 2008, 17, 2351-2358.	2.1	10
178	Inhomogeneous fluids for warm inflation. Astrophysics and Space Science, 2015, 357, 1.	1.4	10
179	Light mass Galileon and late time acceleration of the Universe. General Relativity and Gravitation, 2015, 47, 1.	2.0	10
180	Integrable geometric flows of interacting curves/surfaces, multilayer spin systems and the vector nonlinear Schrödinger equation. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750136.	2.0	10

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181	Cosmic acceleration from coupling of baryonic and dark matter components: Analysis and diagnostics. International Journal of Modern Physics D, 2019, 28, 1950083.	2.1	10
182	More on Superconductors via Gauge/Gravity Duality with Nonlinear Maxwell Field. Journal of Gravity, 2013, 2013, 1-10.	0.4	10
183	G-essence cosmologies with scalar-fermion interactions. European Physical Journal Plus, 2011, 126, 1.	2.6	9
184	Knot Universes in Bianchi Type I Cosmology. Advances in High Energy Physics, 2012, 2012, 1-57.	1.1	9
185	g-Essence as the cosmic speed-up. Astrophysics and Space Science, 2012, 341, 681-688.	1.4	9
186	Solvable k-essence cosmologies and modified Chaplygin gas unified models of dark energy and dark matter. European Physical Journal C, 2012, 72, 1.	3.9	9
187	Fluid inflation with brane correction. Astrophysics and Space Science, 2015, 357, 1.	1.4	9
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