Amare Abebe

List of Publications by Year
in descending order

39 papers	409 citations	1040056 9 h-index	839539 18 g-index
39 all docs	39 docs citations	39 times ranked	170 citing authors

#	Article	IF	Citations
1	The Rényi holographic dark energy model in Chern–Simons gravity: Some cosmological implications. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	2
2	Geodesics of a Static Charged Black Hole Spacetime in f(R) Gravity. Symmetry, 2022, 14, 309.	2.2	3
3	The evolution of time-dependent Λ and G in multi-fluid Bianchi type-I cosmological models. Open Astronomy, 2022, 31, 198-204.	0.6	0
4	Inflationary constraints in teleparallel gravity theory. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150027.	2.0	5
5	Perturbations of quasi-Newtonian universes in scalar–tensor gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150158.	2.0	3
6	Shear-free conditions of a Chaplygin-gas-dominated universe. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	1
7	Dynamical system analysis of the Bianchi type-V cosmological model in R n -gravity. Classical and Quantum Gravity, 2021, 38, 205004.	4.0	1
8	Covariant density and velocity perturbations of the quasi-Newtonian cosmological model in f(T) gravity. European Physical Journal C, 2021, 81, 1.	3.9	4
9	Thermodynamic geometry of static and rotating regular black holes in conformal massive gravity. European Physical Journal Plus, 2021, 136, 1.	2.6	1
10	Deflection of light by a rotating black hole surrounded by "quintessence". International Journal of Modern Physics A, 2020, 35, 2050155.	1.5	7
11	Schwarzschild black hole surrounded by quintessential matter field as an accelerator for spinning particles. Physical Review D, 2020, 102, .	4.7	8
12	Scalar perturbations in f(T) gravity using the $$1 + 3$$ covariant approach. European Physical Journal C, 2020, 80, 1.	3.9	20
13	Bianchi type-V solutions with varying G and Λ: The general case. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050076.	2.0	5
14	Viability tests of f(R)-gravity models with Supernovae Type 1A data. European Physical Journal C, 2020, 80, 1.	3.9	9
15	Neutral physical compact spherically symmetric stars with non-exotic matters in Einstein's cluster model using Weitzenböck geometry. European Physical Journal C, 2020, 80, 1.	3.9	6
16	On multifluid perturbations in scalar–tensor cosmology. International Journal of Modern Physics D, 2020, 29, 2050120.	2.1	7
17	The Chaplygin gas as a model for modified teleparallel gravity?. European Physical Journal C, 2019, 79, 1.	3.9	10
18	Constraining chameleon field driven warm inflation with Planck 2018 data. European Physical Journal C, 2019, 79, 1.	3.9	32

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19	Accelerating universe in modified teleparallel gravity theory. Proceedings of the International Astronomical Union, 2019, 15, 397-399.	0.0	3
20	A study of perturbations in scalar–tensor theory using 1 + 3 covariant approach. International Journal of Modern Physics D, 2018, 27, 1850033.	2.1	9
21	Reconstructing f(R) gravity from a Chaplygin scalar field in de Sitter spacetimes. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850027.	2.0	10
22	Inflation constraints for classes of f(R) models. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850209.	2.0	3
23	A Generalized Solution of Bianchi Type-V Models with Time-Dependent G and Î›. Universe, 2018, 4, 83.	2.5	8
24	Quasi-Newtonian Cosmological Models in Scalar-Tensor Theories of Gravity. , 2018, 1, 21-27.		1
25	Cosmological Chaplygin gas as modified gravity. Journal of Physics: Conference Series, 2017, 905, 012015.	0.4	4
26	On f(R) gravity in scalar–tensor theories. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750107.	2.0	28
27	Integrability conditions of quasi-Newtonian cosmologies in modified gravity. International Journal of Modern Physics D, 2017, 26, 1750054.	2.1	5
28	Inflationary f (R) Cosmologies. Universe, 2017, 3, 73.	2.5	8
29	Anisotropic solutions in modified gravity. Journal of Physics: Conference Series, 2017, 905, 012014.	0.4	0
30	Chaplygin-gas solutions of f(R) gravity. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650120.	2.0	20
31	Shear-free anisotropic cosmological models in $${varvec{f},varvec{(R)}}$$ f (R) gravity. General Relativity and Gravitation, 2016, 48, 1.	2.0	8
32	Irrotational-fluid cosmologies in fourth-order gravity. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550118.	2.0	7
33	Breaking the cosmological background degeneracy by two-fluid perturbations in f(R) gravity. International Journal of Modern Physics D, 2015, 24, 1550053.	2.1	14
34	Anti-Newtonian cosmologies in f (R) gravity. Classical and Quantum Gravity, 2014, 31, 115011.	4.0	8
35	Large scale structure constraints for a class of f(R) theories of gravity. Physical Review D, 2013, 88, .	4.7	47
36	Simultaneous expansion and rotation of shear-free universes in modified gravity. , 2012, , .		0

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37	Covariant gauge-invariant perturbations in multifluid *f* (*R*) gravity. Classical and Quantum Gravity, 2012, 29, 135011.	4.0	89
38	Shear-free perturbations of $f(R)$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (gravity)	4.7	13
39	Large-scale structure power spectrum from scalar-tensor gravity. International Journal of Modern Physics D, 0, , .	2.1	0