

Amare Abebe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/227175/publications.pdf>

Version: 2024-02-01

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	Covariant gauge-invariant perturbations in multifluid $f(R)$ gravity. Classical and Quantum Gravity, 2012, 29, 135011.	4.0	89
2	Large scale structure constraints for a class of $f(R)$ theories of gravity. Physical Review D, 2013, 88, .	4.7	47
3	Constraining chameleon field driven warm inflation with Planck 2018 data. European Physical Journal C, 2019, 79, 1.	3.9	32
4	On $f(R)$ gravity in scalar-tensor theories. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750107.	2.0	28
5	Chaplygin-gas solutions of $f(R)$ gravity. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650120.	2.0	20
6	Scalar perturbations in $f(T)$ gravity using the $f(R) + 3\lambda$ covariant approach. European Physical Journal C, 2020, 80, 1.	3.9	20
7	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
8	Shear-free perturbations of $f(R)$ gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850027.	4.7	13
9	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
10	The Chaplygin gas as a model for modified teleparallel gravity?. European Physical Journal C, 2019, 79, 1.	3.9	10
11	A study of perturbations in scalar-tensor theory using $f(R) + 3\lambda$ covariant approach. International Journal of Modern Physics D, 2018, 27, 1850033.	2.1	9
12	Viability tests of $f(R)$ -gravity models with Supernovae Type 1A data. European Physical Journal C, 2020, 80, 1.	3.9	9
13	Anti-Newtonian cosmologies in $f(R)$ gravity. Classical and Quantum Gravity, 2014, 31, 115011.	4.0	8
14	Shear-free anisotropic cosmological models in $f(R)$ gravity. General Relativity and Gravitation, 2016, 48, 1.	2.0	8
15	Inflationary $f(R)$ Cosmologies. Universe, 2017, 3, 73.	2.5	8
16	A Generalized Solution of Bianchi Type-V Models with Time-Dependent G and $\hat{\Lambda}$. Universe, 2018, 4, 83.	2.5	8
17	Schwarzschild black hole surrounded by quintessential matter field as an accelerator for spinning particles. Physical Review D, 2020, 102, .	4.7	8
18	Irrrotational-fluid cosmologies in fourth-order gravity. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550118.	2.0	7

#	ARTICLE	IF	CITATIONS
19	Deflection of light by a rotating black hole surrounded by "quintessence". International Journal of Modern Physics A, 2020, 35, 2050155.	1.5	7
20	On multifluid perturbations in scalar-tensor cosmology. International Journal of Modern Physics D, 2020, 29, 2050120.	2.1	7
21	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
22	Integrability conditions of quasi-Newtonian cosmologies in modified gravity. International Journal of Modern Physics D, 2017, 26, 1750054.	2.1	5
23	Bianchi type-V solutions with varying G and $\hat{\rho}$: The general case. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050076.	2.0	5
24	Inflationary constraints in teleparallel gravity theory. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150027.	2.0	5
25	Cosmological Chaplygin gas as modified gravity. Journal of Physics: Conference Series, 2017, 905, 012015.	0.4	4
26	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
27	Inflation constraints for classes of $f(R)$ models. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850209.	2.0	3
28	Perturbations of quasi-Newtonian universes in scalar-tensor gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150158.	2.0	3
29	Accelerating universe in modified teleparallel gravity theory. Proceedings of the International Astronomical Union, 2019, 15, 397-399.	0.0	3
30	Geodesics of a Static Charged Black Hole Spacetime in $f(R)$ Gravity. Symmetry, 2022, 14, 309.	2.2	3
31	The R�nyi holographic dark energy model in Chern-Simons gravity: Some cosmological implications. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	2
32	Shear-free conditions of a Chaplygin-gas-dominated universe. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	1
33	Dynamical system analysis of the Bianchi type-V cosmological model in R_n -gravity. Classical and Quantum Gravity, 2021, 38, 205004.	4.0	1
34	Quasi-Newtonian Cosmological Models in Scalar-Tensor Theories of Gravity. , 2018, 1, 21-27.		1
35	Thermodynamic geometry of static and rotating regular black holes in conformal massive gravity. European Physical Journal Plus, 2021, 136, 1.	2.6	1
36	Simultaneous expansion and rotation of shear-free universes in modified gravity. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Anisotropic solutions in modified gravity. Journal of Physics: Conference Series, 2017, 905, 012014.	0.4	0
38	Large-scale structure power spectrum from scalar-tensor gravity. International Journal of Modern Physics D, 0, , .	2.1	0
39	The evolution of time-dependent $\hat{\Gamma}$ and $\langle i \rangle G \langle i \rangle$ in multi-fluid Bianchi type- $\langle i \rangle I \langle i \rangle$ cosmological models. Open Astronomy, 2022, 31, 198-204.	0.6	0