

Abdelghani Errehymy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anisotropic stars of class one space-time in $f(R)$ gravity under the simplest linear functional of the matter-geometry coupling. Chinese Journal of Physics, 2022, 77, 1502-1522.	2.0	16
2	Study on anisotropic star in extended teleparallel gravity with minimal matter coupling. Chinese Journal of Physics, 2022, 77, 1742-1754.	2.0	7
3	Exploring physical features of anisotropic quark stars in Brans-Dicke theory with a massive scalar field via embedding approach *. Chinese Physics C, 2022, 46, 045104.	1.5	10
4	Role of Complexity on Self-gravitating Compact Star by Gravitational Decoupling. Fortschritte Der Physik, 2022, 70, .	1.5	33
5	Self-gravitating anisotropic model in general relativity under modified Van der Waals equation of state: a stable configuration. European Physical Journal C, 2022, 82, .	1.4	12
6	Charged strange stars with dust and phantom regimes in Rastall gravity. Chinese Journal of Physics, 2022, 77, 2781-2794.	2.0	7
7	Self-gravitating anisotropic compact objects in 5D EGB gravity. European Physical Journal Plus, 2022, 137, .	1.2	7
8	On the thermal nonclassical correlations in a two-spin XYZ Heisenberg model with Dzyaloshinskii-Moriya interaction. European Physical Journal Plus, 2021, 136, 1.	1.2	18
9	Anisotropic compact stars via embedding approach in general relativity: new physical insights of stellar configurations. European Physical Journal C, 2021, 81, 1.	1.4	38
10	A new well-behaved class of compact strange astrophysical model consistent with observational data. European Physical Journal C, 2021, 81, 1.	1.4	14
11	Quark stars in the Einstein-Gauss-Bonnet theory: A new branch of stellar configurations. Annals of Physics, 2021, 430, 168498.	1.0	32
12	Anisotropic stars via embedding approach in Brans-Dicke gravity. European Physical Journal C, 2021, 81, 1.	1.4	22
13	Anisotropic quark stars in Einstein-Gauss-Bonnet theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136423.	1.5	64
14	A study of traversable wormhole solutions in extended teleparallel theory of gravity with matter coupling. European Physical Journal C, 2021, 81, 1.	1.4	26
15	Anisotropic stars in $f(G, T)$ gravity under class I space-time. European Physical Journal Plus, 2020, 135, 1.	1.2	36
16	Physical properties of class I compact star model for linear and Starobinsky $f(R)$ gravity theory. Physics of the Dark Universe, 2020, 30, 100640.	1.8	32
17	Gravitational decoupling minimal geometric deformation model in modified $f(R)$ gravity theory. Physics of the Dark Universe, 2020, 30, 100640.	1.8	86
18	Studies an analytic model of a spherically symmetric compact object in Einsteinian gravity. European Physical Journal C, 2020, 80, 1.	1.4	20

#	ARTICLE	IF	CITATIONS
19	Anisotropic Karmarkar stars in $f(R, \hat{\Lambda})$ -gravity. European Physical Journal C, 2020, 80, 1.	1.4	50
20	Exploring physical properties of compact stars in $f(R, T)$ -gravity: An embedding approach. Chinese Physics C, 2020, 44, 105106.	1.5	20
21	Study of anisotropic strange stars in $f(R, T)$ -gravity: An embedding approach. Chinese Physics C, 2020, 44, 105106. Simplest linear functional of the matter-geometry coupling. Physical Review D, 2019, 100, 124011.	0.784814	14
22	Relativistic gravastar configurations in which the interior matter distribution is modeled through a Chaplygin fluid. Modern Physics Letters A, 2019, 34, 1950325.	0.5	12
23	Model Astrophysical Configurations with the Equation of State of Chaplygin Gas. Foundations of Physics, 2019, 49, 144-175.	0.6	9
24	A spherically symmetric model of anisotropic fluid for strange quark spheres. European Physical Journal C, 2019, 79, 1.	1.4	23
25	Anisotropic relativistic fluid spheres: an embedding class I approach. European Physical Journal C, 2019, 79, 1.	1.4	75
26	Studies a star made of anisotropic fluid packed in a spherical shell. Modern Physics Letters A, 2019, 34, 1950030.	0.5	17
27	Phantom gravastar supported for the explanation of compact dark matter objects. European Physical Journal Plus, 2017, 132, 1.	1.2	16