

Binaya K Bishi

List of Publications by Year in descending order

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papers

434
citations

759233

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27
all docs

27
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27
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic cosmological models in $f(R,T)$ gravity with variable deceleration parameter. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750097.	2.0	82
2	Magnetized strange quark model with Big Rip singularity in $f(R, T)$ gravity. Modern Physics Letters A, 2017, 32, 1750105.	1.2	51
3	Magnetized strange quark matter in $f(R, T)$ gravity with bilinear and special form of time varying deceleration parameter. New Astronomy, 2018, 60, 80-87.	1.8	38
4	$f(R,T)=f(R)+\lambda T$ $f(R, T) = f(R) + \hat{\lambda} T$ gravity models as alternatives to cosmic acceleration. European Physical Journal C, 2018, 78, 1.	3.9	32
5	Cosmological constant $\hat{\lambda}$ in $f(R,T)$ modified gravity. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650058.	2.0	31
6	LRS Bianchi type-I cosmological model with constant deceleration parameter in $f(R,T)$ gravity. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750158.	2.0	31
7	Scalar field and time varying cosmological constant in $f(R, T)$ gravity for Bianchi type-I universe. Chinese Journal of Physics, 2016, 54, 244-255.	3.9	28
8	Variable Chaplygin gas cosmologies in $f(R, T)$ gravity with particle creation. New Astronomy, 2020, 77, 101357.	1.8	26
9	Five dimensional cosmological models in Lyra geometry with time dependent displacement field. Astrophysics and Space Science, 2007, 310, 273-276.	1.4	20
10	Bianchi type-I transit Universe in $f(R, T)$ $f(R,T)$ modified gravity with quadratic equation of state and $\hat{\lambda} \varLambda$. Astrophysics and Space Science, 2015, 360, 1.	1.4	18
11	Scalar Field Cosmology in $f(R,T)$ Gravity with $\hat{\lambda}$. Gravitation and Cosmology, 2018, 24, 302-307.	1.1	16
12	Bianchi type-I bulk viscous cosmology with Chaplygin gas in Lyra Geometry. Chinese Journal of Physics, 2016, 54, 895-905.	3.9	13
13	Non-existence of five dimensional string cosmological models in Riemannian and Lyra geometries. Astrophysics and Space Science, 2009, 319, 75-79.	1.4	7
14	Bianchi Type-V Bulk Viscous Cosmic String in $f(R,T)$ Gravity with Time Varying Deceleration Parameter. Advances in High Energy Physics, 2015, 2015, 1-8.	1.1	7
15	Particle creation and quadratic deceleration parameter in Lyra geometry. New Astronomy, 2021, 85, 101563.	1.8	7
16	Anisotropic Bianchi Type I Cosmological Models with Generalized Chaplygin Gas and Dynamical Gravitational and Cosmological Constants. Communications in Theoretical Physics, 2017, 67, 222.	2.5	5
17	Bianchi Type-I Universe with Cosmological Constant and Quadratic Equation of State in $f(R,T)$ Modified Gravity. Advances in High Energy Physics, 2015, 2015, 1-12.	1.1	4
18	Variable deceleration parameter and dark energy models. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650055.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Domain Walls and Quark Matter Cosmological Models in $f(R,T)=R+\alpha R^2+\lambda T$ Gravity. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 1-11.	1.5	4
20	Bulk Viscous Cosmological Model in Brans-Dicke Theory with New Form of Time Varying Deceleration Parameter. Advances in High Energy Physics, 2017, 2017, 1-24.	1.1	3
21	Bianchi Type-V Domain Walls and Quark Matter Cosmological Model with Cosmological Constant $\vec{\Lambda}$ in $\vec{f}(\vec{R}, \vec{T})$. Iranian Journal of Science and Technology, Transaction A: Science, 2017, 41, 33-43.	1.5	2
22	Geometry of the Universe Described by Wet Dark Fluid in $f(R, T)$ Theory of Gravity. Iranian Journal of Science and Technology, Transaction A: Science, 2017, 41, 223-230.	1.5	2
23	Universe Described by Kaluza-Klein Space Time with Viscous Modified Cosmic Chaplygin Gas in General Relativity. Iranian Journal of Science and Technology, Transaction A: Science, 2016, 40, 245-254.	1.5	1
24	Cosmology in $f(R, T)$ gravity with quadratic deceleration parameter. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, .	1.5	1
25	Hypersurface-Homogeneous Bulk Viscous Cosmological Models with Particle Creation in General Relativity. Iranian Journal of Science and Technology, Transaction A: Science, 2017, 41, 809-817.	1.5	0
26	Bianchi-I cosmology with generalised Chaplygin gas and periodic deceleration parameter. Indian Journal of Physics, 0, , 1.	1.8	0