

Titus K Mathew

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

359
citations

933447

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839539

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g-index

31
all docs

31
docs citations

31
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Running vacuum model versus $\hat{\Lambda}$ CDM – a Bayesian analysis. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5553-5559.	4.4	2
2	Emergence of space and expansion of Universe. Classical and Quantum Gravity, 2022, 39, 115012.	4.0	3
3	Tsallis holographic dark energy reconsidered. European Physical Journal C, 2022, 82, 1.	3.9	9
4	Contrasting the bulk viscous model with the standard Λ CDM using Bayesian statistics. Astrophysics and Space Science, 2022, 367, .	1.4	1
5	Emergence of cosmic space and its connection with thermodynamic principles. General Relativity and Gravitation, 2022, 54, .	2.0	6
6	On the feasibility of truncated Israel–Stewart model in the context of late acceleration. Classical and Quantum Gravity, 2021, 38, 145016.	4.0	4
7	Decaying vacuum and evolution from early inflation to late acceleration. Modern Physics Letters A, 2021, 36, 2150160.	1.2	0
8	Bayesian analysis of running holographic Ricci dark energy. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5598-5606.	4.4	3
9	Dynamical system analysis and thermal evolution of the causal dissipative model. Classical and Quantum Gravity, 2020, 37, 075007.	4.0	9
10	Does holographic equipartition demand a pure cosmological constant?. Modern Physics Letters A, 2020, 35, 2050334.	1.2	7
11	Entropy maximization in the emergent gravity paradigm. Physical Review D, 2019, 99, .	4.7	20
12	Probing the dynamical system and thermal behaviors of the model, $\hat{\Lambda} = \Lambda_0 + 3 \dot{H}^2 H^2 \text{var}\Lambda_{0+3\eta} H^{\{2\}}$. Astrophysics and Space Science, 2019, 364, 1.	1.4	4
13	First law of thermodynamics and emergence of cosmic space in a non-flat universe. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 024-024.	5.4	8
14	Interacting holographic Ricci dark energy as running vacuum. International Journal of Modern Physics D, 2019, 28, 1950060.	2.1	9
15	Expansion law from first law of thermodynamics. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 042-042.	5.4	10
16	Bayesian analysis of bulk viscous matter dominated universe. European Physical Journal C, 2018, 78, 1.	3.9	15
17	A model of the late universe with viscous Zel’dovich fluid and decaying vacuum. Astrophysics and Space Science, 2018, 363, 1.	1.4	4
18	Holographic equipartition and the maximization of entropy. Physical Review D, 2017, 96, .	4.7	34

#	ARTICLE	IF	CITATIONS
19	Bulk viscous matter and recent acceleration of the universe based on causal viscous theory. European Physical Journal C, 2017, 77, 1.	3.9	44
20	Evolution of holographic dark energy with interaction term $Q \propto H \dot{\rho}_{de}$ and generalized second law. Pramana - Journal of Physics, 2016, 86, 701-712.	1.8	8
21	Evolution of non-interacting entropic dark energy and its phantom nature. Modern Physics Letters A, 2016, 31, 1650071.	1.2	1
22	Holographic Ricci dark energy as running vacuum. Modern Physics Letters A, 2016, 31, 1650075.	1.2	9
23	Bulk viscous Zel'dovich fluid model and its asymptotic behavior. European Physical Journal C, 2016, 76, 1.	3.9	7
24	Phase space analysis of bulk viscous matter dominated universe. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
25	Bulk viscous matter and recent acceleration of the universe. European Physical Journal C, 2015, 75, 1.	3.9	39
26	Entropy of holographic dark energy and the generalized second law. Classical and Quantum Gravity, 2014, 31, 185012.	4.0	8
27	Cosmology and thermodynamics of FLRW universe with bulk viscous stiff fluid. European Physical Journal C, 2014, 74, 1.	3.9	19
28	Holographic dark energy and generalized second law. Modern Physics Letters A, 2014, 29, 1450023.	1.2	3
29	INTERACTING MODIFIED HOLOGRAPHIC RICCI DARK ENERGY MODEL AND STATEFINDER DIAGNOSIS IN FLAT UNIVERSE. International Journal of Modern Physics D, 2014, 23, 1450024.	2.1	22
30	Cosmological horizon entropy and generalized second law for flat Friedmann universe. European Physical Journal C, 2013, 73, 1.	3.9	12
31	MODIFIED HOLOGRAPHIC RICCI DARK ENERGY MODEL AND STATEFINDER DIAGNOSIS IN FLAT UNIVERSE. International Journal of Modern Physics D, 2013, 22, 1350056.	2.1	14