Anil Kumar Yadav

List of Publications by Year
in descending order

76	1,583	304743	330143
papers	citations	22 h-index	37 g-index

76	76	76	268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dark energy-dominated Universe in Lyra geometry. Indian Journal of Physics, 2022, 96, 1569-1575.	1.8	8
2	Interacting dark sectors in anisotropic universe: Observational constraints and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3522" altimg="si140.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></ tension. Physics of the Dark Universe, 2022, 36, 101043.	4.9	5
3	Modeling of Bianchi type I accelerating Universe in Lyraâ€™s manifold. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	1
4	Transitioning universe with hybrid scalar field in Bianchi I spaceâ€“time. Physics of the Dark Universe, 2021, 31, 100738.	4.9	23
5	Note on Tsallis holographic dark energy in Bransâ€“Dicke cosmology. European Physical Journal C, 2021, 81, 1.	3.9	18
6	Bianchi type I Universe: An extension of Î›CDM model. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150069.	2.0	5
7	An exact solution of the observable universe in Bianchi V spaceâ€“time. International Journal of Modern Physics A, 2021, 36, 2150044.	1.5	4
8	Modeling of Accelerating Universe with Bulk Viscous Fluid in Bianchi V Spaceâ€Time. Fortschritte Der Physik, 2021, 69, 2100007.	4.4	18
9	Accelerating universe with binary mixture of bulk viscous fluid and dark energy. International Journal of Modern Physics A, 2021, 36, 2150148.	1.5	1
10	Null geodesics and QNMs in the field of regular black holes. International Journal of Modern Physics D, 2021, 30, .	2.1	6
11	Constraining a bulk viscous Bianchi type I dark energy dominated universe with recent observational data. Physical Review D, 2021, 104, .	4.7	8
12	Lyraâ€™s cosmology of homogeneous and isotropic universe in Bransâ€“Dicke theory. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150029.	2.0	3
13	Gravitational Baryogenesis of Cosmological Constant Dominated Universe. Gravitation and Cosmology, 2021, 27, 331-337.	1.1	0
14	Probing kinematics and fate of Bianchi type V Universe. Modern Physics Letters A, 2020, 35, 2050224.	1.2	4
15	Accelerating Model of a Flat Universe in $$oldsymbol{f(R,T)}$$ Gravity. Gravitation and Cosmology, 2020, 26, 144-152.	1.1	9
16	Bulk viscous accelerating Universe in f(R,ÂT) theory of gravity. Pramana - Journal of Physics, 2020, 94, 1.	1.8	11
17	Singularity-free non-exotic compact star in f(R, T) gravity. Pramana - Journal of Physics, 2020, 94, 1.	1.8	10
18	Comment on â€œBrans-Dicke scalar field cosmological model in Lyraâ€™s geometryâ€• Physical Review D, 2020, 102, .	4.7	8

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19	Constraining an exact Bransâ€“Dicke gravity theory with recent observations. Physics of the Dark Universe, 2020, 30, 100711.	4.9	22
20	Probing kinematics and fate of Bianchi type I universe in Bransâ€“Dicke theory. Modern Physics Letters A, 2020, 35, 2050174.	1.2	7
21	Constraining Bianchi type V universe with recent H(z) and BAO observations in Bransâ€“Dicke theory of gravitation. European Physical Journal Plus, 2020, 135, 1.	2.6	17
22	Existence of bulk viscous universe in f(R, T) gravity and confrontation with observational data. New Astronomy, 2020, 78, 101382.	1.8	26
23	Power-law solution for homogeneous and isotropic universe in f(R, T) gravity. New Astronomy, 2020, 79, 101396.	1.8	8
24	Two-fluid scenario in Bianchi type-I universe. Modern Physics Letters A, 2020, 35, 2050086.	1.2	25
25	Viability of Bianchi type V universe in f(R,T) = f1(R) + f2(R)f3(T) gravity. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050111.	2.0	20
26	Some Bianchi type-V accelerating cosmological models in f(R,T) = f1(R) + f2(T) formalism. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050159.	2.0	8
27	Nonsingular solution with anisotropic fluid in mini bang cosmology. International Journal of Modern Physics D, 2020, 29, 2050118.	2.1	1
28	Bulk viscous Bianchi-V cosmological model within the formalism of $f(R,T)=f_{1}(R)+f_{2}(R)f_{3}(T) $ gravity. Astrophysics and Space Science, 2019, 364, 1.	1.4	15
29	Transitioning Scenario of Bianchi-I Universe Within f (R,T) Formalism. Brazilian Journal of Physics, 2019, 49, 262-270.	1.4	12
30	Bulk viscous Bianchi-I embedded cosmological model in f(R,T) = f1(R) + f2(R)f3(T) gravity. Modern Physics Letters A, 2019, 34, 1950145.	1.2	43
31	Invariant Bianchi type I models in f(R,T) gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850026.	2.0	23
32	Lyraâ€™s cosmology of hybrid universe in Bianchi-V space-time. Research in Astronomy and Astrophysics, 2018, 18, 064.	1.7	14
33	Non-minimal matter-geometry coupling in Bianchi I space-time. Results in Physics, 2018, 10, 738-742.	4.1	29
34	Similarity dark energy models in Bianchi type-I space-time. European Physical Journal Plus, 2016, 131, 1.	2.6	4
35	C-field cosmological models: revisited. Research in Astronomy and Astrophysics, 2016, 16, 188.	1.7	2
36	A transitioning universe with anisotropic dark energy. Astrophysics and Space Science, 2016, 361, 1.	1.4	26

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37	Magnetised Strings in Î›-Dominated Anisotropic Universe. International Journal of Theoretical Physics, 2016, 55, 4651-4664.	1.2	11
38	Î›CDM type Heckmannâ€“Schuking model and Union 2.1 compilation. Gravitation and Cosmology, 2016, 22, 388-393.	1.1	8
39	About Influence of Gravity on Heat Conductivity Process of the Planets. International Journal of Theoretical Physics, 2016, 55, 1536-1542.	1.2	0
40	Anisotropic string cosmological models in Heckmann-Schucking space-time. Astrophysics and Space Science, 2016, 361, 1.	1.4	24
41	Anisotropic universe with magnetized dark energy. Astrophysics and Space Science, 2016, 361, 1.	1.4	24
42	Î›CDM-type cosmological model and observational constraints. International Journal of Theoretical Physics, 2015, 54, 315-325.	1.2	16
43	Accelerating Universe with Binary Mixture of Dark Energy and Perfect Fluid in LRS Bianchi - V Space-Time. International Journal of Theoretical Physics, 2015, 54, 2175-2184.	1.2	2
44	Hybrid Expansion Law for Dark Energy Dominated Universe in f (R,T) Gravity. International Journal of Theoretical Physics, 2015, 54, 1671-1679.	1.2	25
45	Some invariant string cosmological models in cylindrically symmetric space-time. Physica Scripta, 2014, 89, 115206.	2.5	4
46	Noncommutative Wormholes in f(R) Gravity with Lorentzian Distribution. International Journal of Theoretical Physics, 2014, 53, 1910-1919.	1.2	55
47	Some plane symmetric inhomogeneous cosmological models in the scalar-tensor theory of gravitation. Astrophysics and Space Science, 2014, 349, 539-547.	1.4	13
48	Symmetry Group Analysis for Perfect Fluid Inhomogeneous Cosmological Models in General Relativity. International Journal of Theoretical Physics, 2014, 53, 2505-2519.	1.2	5
49	Bianchi-V string cosmology with power law expansion in f (R, T) gravity. European Physical Journal Plus, 2014, 129, 1.	2.6	31
50	An optimal system and invariant solutions of dark energy models in cylindrically symmetric space-time. European Physical Journal Plus, 2014, 129, 1.	2.6	5
51	Anisotropic massive strings in the scalar-tensor theory of gravitation. Research in Astronomy and Astrophysics, 2013, 13, 772-782.	1.7	9
52	A transitioning universe with time varyingGand decaying Î›. Research in Astronomy and Astrophysics, 2013, 13, 501-508.	1.7	18
53	Bianchiâ€”V string cosmological model and late time acceleration. Research in Astronomy and Astrophysics, 2012, 12, 1467-1474.	1.7	22
54	Cosmological Constant Dominated Transit Universe from the Early Deceleration Phase to the Current Acceleration Phase in Bianchi-V Spacetime. Chinese Physics Letters, 2012, 29, 079801.	3.3	24

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55	Dark energy model with variable q and Ï‰ in LRS Bianchi-II space-time. Astrophysics and Space Science, 2012, 341, 651-656.	1.4	43
56	Magnetized dark energy and the late time acceleration. European Physical Journal Plus, 2012, 127, 1.	2.6	26
57	Singularity-free dark energy star. General Relativity and Gravitation, 2012, 44, 107-124.	2.0	135
58	Bulk viscous LRS Bianchi-I Universe with variable G and decaying Î›. Astrophysics and Space Science, 2012, 337, 379-385.	1.4	36
59	LRS Bianchi-I anisotropic cosmological model with dominance of dark energy. Astrophysics and Space Science, 2012, 337, 759-765.	1.4	67
60	Bianchi Type III Anisotropic Dark Energy Models withÂConstant Deceleration Parameter. International Journal of Theoretical Physics, 2011, 50, 218-227.	1.2	96
61	Dark Energy Models with Variable Equation of State Parameter. International Journal of Theoretical Physics, 2011, 50, 871-881.	1.2	92
62	Dissipative Future Universe Without Big Rip. International Journal of Theoretical Physics, 2011, 50, 1664-1670.	1.2	12
63	Lyraâ€™s Cosmology of Massive Strings in Anisotropic Bianchi-II Space-Time. International Journal of Theoretical Physics, 2011, 50, 2850-2863.	1.2	10
64	Some anisotropic dark energy models in Bianchi type-V space-time. Astrophysics and Space Science, 2011, 335, 565-575.	1.4	86
65	Bianchi type-V string cosmological models in general relativity. Pramana - Journal of Physics, 2011, 76, 681-690.	1.8	8
66	SOME BIANCHI TYPE-V MODELS OF ACCELERATING UNIVERSE WITH DARK ENERGY. Modern Physics Letters A, 2011, 26, 647-659.	1.2	91
67	Thermodynamical Behavior of Inhomogeneous Universe with Varying Î› in Presence of Electromagnetic Field. International Journal of Theoretical Physics, 2010, 49, 1140-1154.	1.2	10
68	A Plane-Symmetric Inhomogeneous Cosmological Model of Perfect Fluid Distribution with Electromagnetic Field I. Communications in Theoretical Physics, 2010, 54, 191-196.	2.5	1
69	Cylindrically Symmetric Inhomogeneous Universes withÂaÂCloud of Strings. International Journal of Theoretical Physics, 2009, 48, 568-578.	1.2	19
70	A new class of Inhomogeneous string cosmological models inÂgeneral relativity. Astrophysics and Space Science, 2007, 312, 145-150.	1.4	19
71	Inhomogeneous perfect fluid universe with electromagneticÂfield. Astrophysics and Space Science, 2007, 312, 267-273.	1.4	4
72	Plane symmetric bulk viscous domain wall in Lyra geometry. Brazilian Journal of Physics, 2007, 37, .	1.4	19

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73	Isotropic Homogeneous Universe with a Bulk Viscous Fluid in Lyra Geometry. Astrophysics and Space Science, 2005, 299, 31-42.	1.4	24
74	Generation of Bianchi type V cosmological models with varying Î›-term. European Physical Journal D, 2005, 55, 503-518.	0.4	23
75	Viscous Fluid Cosmological Models in LRS Bianchi Type V Universe with Varying Â. European Physical Journal D, 2004, 54, 487-498.	0.4	22
76	Reexamining RHDE models in FRW Universe with two IR cutoff with redshift parametrization. Indian Journal of Physics, 0, , 1.	1.8	0