Anirudh Pradhan

List of Publications by Year
in descending order

202	4,336	117625 34	206112 48
papers	citations	h-index	g-index

203	203	203	417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing cosmic acceleration in $$kappa (R,T)$$ gravity. Indian Journal of Physics, 2022, 96, 301-307.	1.8	6
2	Dark energy-dominated Universe in Lyra geometry. Indian Journal of Physics, 2022, 96, 1569-1575.	1.8	8
3	Barrow HDE model for Statefinder diagnostic in non-flat FRW universe. Chinese Journal of Physics, 2022, 77, 646-657.	3.9	15
4	Evaluation of cosmological models in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e743" altimg="si8.svg"><mml:mrow><mml:mi>f</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi> gravity in different dark energy scenario. New Astronomy, 2022, 91, 101675.	1.8	16
5	Cosmological scenario in Î²(R,T) gravity. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	7
6	Constraints on the maximum mass of quark star and the GW 190814 event. European Physical Journal C, 2022, 82, 1.	3.9	9
7	Charged polytropic compact stars in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e206" altimg="si11.svg"><mml:mrow><mml:mn>4</mml:mn><mml:mi>D</mml:mi></mml:mrow></mml:math> Einsteinâ€“Gaussâ€“Bonnet gravity. Chinese Journal of Physics, 2022, 77, 2106-2114.	3.9	23
8	Tidal effect in ADM formulation under the foliations of spacetime. Chinese Journal of Physics, 2022, , .	3.9	1
9	Electrically charged quark stars in 4D Einsteinâ€“Gaussâ€“Bonnet gravity. European Physical Journal C, 2022, 82, 1.	3.9	31
10	Quark stars in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1277" altimg="si126.svg"><mml:mrow><mml:mi>f</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo> gravity with an interacting quark equation of state. Physics of the Dark Universe, 2022, 35, 100990.	4.9	21
11	Roles of a periodic time varying deceleration parameter in particle creation with (d+2) dimensional FLRW Universe. New Astronomy, 2022, , 101821.	1.8	1
12	FRW cosmological models with Barrow holographic dark energy in Bransâ€“Dicke theory. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	6
13	Cosmographic analysis of a closed bouncing universe with the varying cosmological constant in f(R,ÂT) gravity. Canadian Journal of Physics, 2022, 100, 475-484.	1.1	11
14	Minimally deformed charged stellar model by gravitational decoupling in 5D Einsteinâ€“Gaussâ€“Bonnet gravity. European Physical Journal C, 2022, 82, .	3.9	8
15	Corrected holographic dark energy with power-law entropy and Hubble Horizon cut-off in FRW Universe. Chinese Journal of Physics, 2022, 79, 471-480.	3.9	6
16	Sharmaâ€“Mittal holographic dark energy model in conharmonically flat space-time. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150002.	2.0	7
17	Compatibility between the scalar field models of tachyon, k-essence and quintessence in f(R, T) gravity. New Astronomy, 2021, 83, 101478.	1.8	13
18	Color-flavor locked quark stars in energyâ€“momentum squared gravity. Physics of the Dark Universe, 2021, 31, 100774.	4.9	46

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19	Traversable wormholes with logarithmic shape function in f(R,T) gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150064.	2.0	14
20	Barrow HDE model for statefinder diagnostic in FLRW universe. International Journal of Modern Physics A, 2021, 36, 2150030.	1.5	38
21	Rotational positional error-corrected linear set-up margin calculation technique for lung stereotactic body radiotherapy in a dual imaging environment of 4-D cone beam CT and ExacTrac stereoscopic imaging. Radiologia Medica, 2021, 126, 979-988.	7.7	7
22	The scalar field models of Tsallis holographic dark energy with Grandaâ€“Oliveros cutoff in modified gravity. Canadian Journal of Physics, 2021, 99, 866-874.	1.1	6
23	Dark energy nature of viscus universe in f(Q)-gravity with observational constraints. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150124.	2.0	29
24	A new topological perspective of expanding space-times with applications to cosmology. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150130.	2.0	0
25	Comparative study of transition FLRW and axially symmetric cosmological structures with domain walls inf(R,T) gravity. Canadian Journal of Physics, 2021, 99, 378-386.	1.1	4
26	The models of transit cosmology along with observational constriction in f(Q,T) gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150159.	2.0	25
27	Quark stars in the Einsteinâ€“Gaussâ€“Bonnet theory: A new branch of stellar configurations. Annals of Physics, 2021, 430, 168498.	2.8	32
28	Particle creation in FLRW higher dimensional universe with gravitational and cosmological constants. Canadian Journal of Physics, 2021, 99, 670-680.	1.1	2
29	Transit cosmological models coupled with zero-mass scalar field with high redshift in higher derivative theory. New Astronomy, 2021, 87, 101587.	1.8	2
30	Modeling of traversable wormholes in exponential f(R, T) gravity. Canadian Journal of Physics, 2021, 99, 634-645.	1.1	10
31	Anisotropic quark stars in Einstein-Gauss-Bonnet theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136423.	4.1	64
32	Cosmological models of generalized ghost pilgrim dark energy (GGPDE) in the gravitation theory of Saezâ€“Ballester. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	5
33	Minimally deformed anisotropic stars by gravitational decoupling in Einsteinâ€“Gaussâ€“Bonnet gravity. European Physical Journal C, 2021, 81, 1.	3.9	36
34	Anisotropic stars in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1238" altimg="si6.svg"><mml:mrow><mml:mn>4</mml:mn><mml:mi>D</mml:mi></mml:mrow></mml:math> Einsteinâ€“Gaussâ€“Bonnet gravity. Physics of the Dark Universe, 2021, 33, 100877.	4.9	32
35	A probe of cosmological models in modified teleparallel gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	4
36	FRW cosmological models with cosmological constant in f(R, T) theory of gravity. Canadian Journal of Physics, 2021, 99, 741-753.	1.1	11

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37	Statefinder hierarchy model for the Barrow holographic dark energy. New Astronomy, 2021, 88, 101623.	1.8	23
38	Reconstruction of Tachyon, Dirac-Born-Infeld-essence and Phantom model for Tsallis holographic dark energy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.svg"><mml:mrow><mml:mi>f</mml:mi><mml:mo>(</mml:mo><mml:mi>R</mml:mi><mml:mo>,</mml:mo><mml:mi>T</mml:mi><mml:m gravity. Chinese Journal of Physics, 2021, 73, 56-73.	3.9	22
39	A flat FLRW model with dynamical Î› as function of matter and geometry. New Astronomy, 2021, 89, 101637.	1.8	3
40	Tsallis holographic dark energy model with observational constraints in the higher derivative theory of gravity. New Astronomy, 2021, 89, 101636.	1.8	12
41	Structural properties of charged compact stars with color-flavor-locked quarks matter. Modern Physics Letters A, 2021, 36, .	1.2	4
42	Anisotropic solution for compact star in 5D Einsteinâ€“Gaussâ€“Bonnet gravity. Modern Physics Letters A, 2021, 36, .	1.2	10
43	Wormhole geometries in f(Q) gravity and the energy conditions. European Physical Journal C, 2021, 81, 1.	3.9	56
44	A new class of holographic dark energy models in LRS Bianchi Type-I. International Journal of Modern Physics A, 2021, 36, .	1.5	7
45	A dark energy quintessence model of the universe. Modern Physics Letters A, 2020, 35, 2050002.	1.2	8
46	RHDE models in FRW Universe with two IR cut-offs with redshift parametrization. European Physical Journal Plus, 2020, 135, 1.	2.6	11
47	Domain walls and quark matter in Bianchi type-V universe with observational constraints in F(R,T) gravity. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050014.	2.0	11
48	Decelerating to accelerating scenario for Bianchi type-II string Universe in f(R,T)-gravity theory. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050108.	2.0	4
49	Crossing the phantom divide line in universal extra dimensions. New Astronomy, 2020, 80, 101406.	1.8	8
50	Reconstructing the k-essence and the dilation field models of the THDE in f(R,ÂT) gravity. European Physical Journal Plus, 2020, 135, 1.	2.6	23
51	An FLRW interacting dark energy model of the Universe. New Astronomy, 2020, 78, 101368.	1.8	8
52	Traversable wormholes in $f(R,T)$ gravity. Astrophysics and Space Science, 2020, 365, 1.	1.4	37
53	A new class of holographic dark energy models in conharmonically flat space-time. New Astronomy, 2020, 77, 101360.	1.8	3
54	Anisotropic bulk viscous string cosmological models of the Universe under a time-dependent deceleration parameter. Pramana - Journal of Physics, 2020, 94, 1.	1.8	13

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55	Diagnosing interacting Tsallis holographic dark energy in the non-flat universe. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050032.	2.0	16
56	Two-fluid scenario in Bianchi type-I universe. Modern Physics Letters A, 2020, 35, 2050086.	1.2	25
57	Stability, dark energy parameterization and swampland aspect of Bianchi type-V Ih cosmological models with f(R,T)-gravity. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050213.	2.0	4
58	Decelerating to accelerating FRW universe with variable G and Î› in conharmonically flat space. New Astronomy, 2019, 66, 79-87.	1.8	3
59	FRW dark energy cosmological model with hybrid expansion law. New Astronomy, 2019, 73, 101284.	1.8	11
60	Tsallis holographic dark energy in FRW universe with time varying deceleration parameter. New Astronomy, 2019, 73, 101281.	1.8	32
61	Technical Note: Rotational positional error corrected intrafraction setâ€up margins in stereotactic radiotherapy: A spatial assessment for coplanar and noncoplanar geometry. Medical Physics, 2019, 46, 4749-4754.	3.0	9
62	Tsallis holographic dark energy in Bianchi-I Universe using hybrid expansion law with k-essence. Pramana - Journal of Physics, 2019, 93, 1.	1.8	36
63	Friedmannâ€“Robertsonâ€“Walker accelerating Universe with interactive dark energy. Pramana - Journal of Physics, 2019, 93, 1.	1.8	13
64	Transit cosmological models with perfect fluid and heat flow in SÃ¡ez-Ballester theory of gravitation. Journal of Astrophysics and Astronomy, 2019, 40, 1.	1.0	20
65	LRS Bianchi type-I cosmological models with accelerated expansion in f(R, T) gravity in the presence of $Lambda$(T). European Physical Journal Plus, 2019, 134, 1.	2.6	14
66	Stability of LRS Bianchi type-I cosmological models in f(R, T)-gravity. Research in Astronomy and Astrophysics, 2019, 19, 055.	1.7	20
67	Diagnosing Tsallis holographic dark energy models with statefinder and Ï‰ â^' Ï‰â€² pair. Modern Physics Letters A, 2019, 34, 1950101.	1.2	40
68	A comparative study of Kaluzaâ€“Klein model with magnetic field in Lyra manifold and general relativity. New Astronomy, 2019, 70, 27-35.	1.8	7
69	Statefinder diagnosis for interacting Tsallis holographic dark energy models with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" overflow="scroll"><mml:mrow><mml:mi>Ï‰</mml:mi><mml:mo>â^'</mml:mo><mml:msup><mml:mi>Ï‰</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:mrow></mml:math>pair. New Astronomy, 2019, 70, 36-42.	1.8	45
70	Anisotropic compact stars in the Buchdahl model: A comprehensive study. Physical Review D, 2019, 99, .	4.7	122
71	Anisotropic MHRDE model in BD theory of gravitation. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950185.	2.0	9
72	Transit cosmological models in FRW universe under the two-fluid scenario. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950007.	2.0	11

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73	New holographic dark energy in bianchi- III universe with k-essence. New Astronomy, 2019, 68, 57-64.	1.8	38
74	Estimation of the Cosmological Parameters of the Dust-Filled Universe: A Simple Approach. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 653-661.	1.5	3
75	Teleparallel dark energy in a system of D0-branes. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850066.	2.0	5
76	Magnetized string cosmological models of accelerated expansion of the Universe in f(R,T) theory of gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850076.	2.0	26
77	Quarkonium in a thermal BIon. Canadian Journal of Physics, 2018, 96, 127-147.	1.1	1
78	Cosmology in modified f(R,T)-gravity theory in a variant Î›(T) scenario-revisited. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850014.	2.0	28
79	Transit dark energy string cosmological models with perfect fluid in F(R,T)-gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850168.	2.0	35
80	Bianchi Type-I Dust-Filled Accelerating Bransâ€“Dicke Cosmology. Gravitation and Cosmology, 2018, 24, 191-200.	1.1	18
81	Dark energy models in LRS Bianchi type-II space-time in the new perspective of time-dependent deceleration parameter. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750077.	2.0	13
82	Birth of the GUP and its effect on the entropy of the universe in Lie-N-algebra. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750130.	2.0	5
83	Cosmic space and Pauli exclusion principle in a system of M0-branes. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750095.	2.0	4
84	The evolution of Brownâ€“York quasilocal energy as due to evolution of Lovelock gravity in a system of M0-branes. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750099.	2.0	0
85	Choice of appropriate beam model and gantry rotational angle for low-dose gradient-based craniospinal irradiation using volumetric-modulated arc therapy. Journal of Radiotherapy in Practice, 2017, 16, 53-64.	0.5	6
86	Left-sided breast radiotherapy after conservative surgery: comparison of techniques between volumetric modulated arc therapy, forward-planning intensity-modulated radiotherapy and conventional technique. Journal of Radiotherapy in Practice, 2017, 16, 101-108.	0.5	5
87	Establishing inherent uncertainty in the shifts determined by volumetric imaging. Journal of Radiotherapy in Practice, 2017, 16, 258-264.	0.5	0
88	On the origin of generalized uncertainty principle from compactified M5-brane. Modern Physics Letters A, 2017, 32, 1750123.	1.2	1
89	Transit cosmological models with domain walls in f(R, T) gravity. Gravitation and Cosmology, 2017, 23, 392-400.	1.1	18
90	Inherent uncertainty involved in six-dimensional shift determination in ExacTrac imaging system. Journal of Radiotherapy in Practice, 2017, 16, 409-414.	0.5	1

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91	Emergence of anti-F(R) gravity in type-IV bouncing cosmology as due to M 0-brane. Gravitation and Cosmology, 2017, 23, 219-229.	1.1	3
92	Teleparallel loop quantum cosmology in a system of intersecting branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 94-100.	4.1	7
93	V cosmological models in f(R,T) modified gravity with Î›(T) by using generation technique. NRIAG Journal of Astronomy and Geophysics, 2016, 5, 35-47.	0.9	12
94	Emergence and oscillation of cosmic space by joining M1-branes. European Physical Journal C, 2016, 76, 1.	3.9	27
95	F (R) $F(R)$ bouncing cosmology with future singularity in brane-anti-brane system. Astrophysics and Space Science, 2016, 361, 1.	1.4	10
96	FRW cosmological models in Brans-Dicke theory of gravity with variable q q and dynamical Î› $varLambda$ -term. Astrophysics and Space Science, 2016, 361, 1.	1.4	21
97	Dark Energy Models in f(R, T) Theory with Variable Deceleration Parameter. International Journal of Theoretical Physics, 2016, 55, 1241-1256.	1.2	35
98	Removing the big rip singularity from anisotropic universe in super string theory. Canadian Journal of Physics, 2015, 93, 1324-1329.	1.1	0
99	Emergence and expansion of cosmic space in Blonic system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 92-96.	4.1	30
100	Unifying inflation with late-time acceleration by a Blonic system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 1-8.	4.1	27
101	The whipped inflation in Blon system. Astrophysics and Space Science, 2015, 357, 1.	1.4	2
102	Accelerating dark energy models of the universe in anisotropic Bianchi type space-times and recent observations. Physics of Particles and Nuclei, 2015, 46, 310-346.	0.7	8
103	Fluid sphere: Stability problem and dimensional constraint. International Journal of Modern Physics D, 2015, 24, 1550049.	2.1	13
104	Bianchi type-I transit cosmological models with time dependent gravitational and cosmological constants: reexamined. Indian Journal of Physics, 2015, 89, 503-513.	1.8	23
105	Reconstruction of modified f(R, T) with Î›(T) gravity in general class of Bianchi cosmological models. Canadian Journal of Physics, 2015, 93, 654-662.	1.1	23
106	Bianchi Type I Cosmology with Scalar and Spinor Tachyon. International Journal of Theoretical Physics, 2015, 54, 1553-1566.	1.2	0
107	Derivative based sensitivity analysis of gamma index. Journal of Medical Physics, 2015, 40, 240.	0.3	4
108	Two-fluid atmosphere from decelerating to accelerating Friedmannâ€“Robertsonâ€“Walker dark energy models. Indian Journal of Physics, 2014, 88, 215-223.	1.8	26

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109	Bianchi Type-V Cosmology in f(R,T) Gravity with Î›(T). International Journal of Theoretical Physics, 2014, 53, 289-306.	1.2	106
110	Viscous dark energy and phantom field in an anisotropic universe. Astrophysics and Space Science, 2014, 351, 59-65.	1.4	7
111	Bianchi type-I transit cosmological models with time dependent gravitational and cosmological constants. Indian Journal of Physics, 2014, 88, 757-765.	1.8	13
112	Bianchi type-I cosmological models with time dependent q and Î›-term in general relativity. Astrophysics and Space Science, 2013, 343, 489-497.	1.4	18
113	Accelerating Bianchi Type-V Cosmology with Perfect Fluid and Heat Flow in SÃ¡ez-Ballester Theory. International Journal of Theoretical Physics, 2013, 52, 266-278.	1.2	26
114	Two-Fluid Dark Energy Models in Bianchi Type-III Universe with Variable Deceleration Parameter. International Journal of Theoretical Physics, 2013, 52, 2735-2752.	1.2	22
115	Anisotropic Viscous Fluid Cosmological Models from Deceleration to Acceleration in String Cosmology. International Journal of Theoretical Physics, 2013, 52, 2546-2559.	1.2	29
116	Viscous fluid cosmology with time dependent q and $$Uplambda$$ Î› -term in Bianchi type-I space-time and late time acceleration. Indian Journal of Physics, 2013, 87, 1157-1167.	1.8	8
117	Accelerating dark energy models with anisotropic fluid in Bianchi type VI₀space-time. Research in Astronomy and Astrophysics, 2013, 13, 139-158.	1.7	37
118	Interacting two-fluid viscous dark energy models in a non-flat universe. Research in Astronomy and Astrophysics, 2013, 13, 129-138.	1.7	18
119	Cosmological Consequences with Time Dependent Î›-Term in Bianchi Type-I Space-Time. Journal of Basic and Applied Physics, 2013, 2, 50-59.	0.4	2
120	Two-fluid scenario for dark energy models in an FRW universe-revisited. Astrophysics and Space Science, 2012, 342, 257-267.	1.4	70
121	A New Class of Bianchi Type-I Cosmological Models in Scalar-Tensor Theory of Gravitation and Late Time Acceleration. International Journal of Theoretical Physics, 2012, 51, 3769-3786.	1.2	13
122	String cosmological models from early deceleration to current acceleration phase with varying G and $ Lambda$. European Physical Journal Plus, 2012, 127, 1.	2.6	46
123	Bianchi type-II string cosmological models in normal gauge for Lyraâ€™s manifold with constant deceleration parameter. Indian Journal of Physics, 2012, 86, 61-70.	1.8	25
124	Bulk viscous LRS Bianchi-I Universe with variable G and decaying Î›. Astrophysics and Space Science, 2012, 337, 379-385.	1.4	36
125	Dark energy models with anisotropic fluid in Bianchi Type-VI 0 space-time with time dependent deceleration parameter. Astrophysics and Space Science, 2012, 337, 401-413.	1.4	61
126	A New Class of Inhomogeneous Cosmological Models with Electromagnetic Field in Normal Gauge for Lyraâ€™s Manifold. International Journal of Theoretical Physics, 2011, 50, 56-69.	1.2	18

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127	LRS Bianchi Type II Perfect Fluid Cosmological Models in Normal Gauge for Lyraâ€™s Manifold. International Journal of Theoretical Physics, 2011, 50, 296-307.	1.2	33
128	Anisotropic Bianchi Type-I String Cosmological Models in Normal Gauge for Lyraâ€™s Manifold with Constant Deceleration Parameter. International Journal of Theoretical Physics, 2011, 50, 916-933.	1.2	33
129	Magnetized Bianchi Type III String Universe with Time Decaying Vacuum Energy Density Î›. International Journal of Theoretical Physics, 2011, 50, 2531-2545.	1.2	7
130	Bianchi Type-I Anisotropic Dark Energy Model with Constant Deceleration Parameter. International Journal of Theoretical Physics, 2011, 50, 2923-2938.	1.2	82
131	An Interacting and Non-interacting Two-Fluid Dark Energy Models in FRW Universe with Time Dependent Deceleration Parameter. International Journal of Theoretical Physics, 2011, 50, 3529-3543.	1.2	47
132	LRS Bianchi type-II massive string cosmological model in General Relativity. Astrophysics and Space Science, 2011, 331, 275-279.	1.4	14
133	Exact solution of perfect fluid massive string cosmology in Bianchi typeÂIII space-time with decaying vacuum energy densityÂÎ›. Astrophysics and Space Science, 2011, 331, 679-687.	1.4	11
134	Anisotropic Bianchi type-I models in string cosmology. Astrophysics and Space Science, 2011, 331, 697-704.	1.4	13
135	Dark energy model in anisotropic Bianchi type-III space-time with variable EoS parameter. Astrophysics and Space Science, 2011, 332, 441-448.	1.4	56
136	Variable equation of state for Bianchi type-VI0 dark energy models. Astrophysics and Space Science, 2011, 333, 295-303.	1.4	56
137	A theoretical qualitatively-explained new-variant ofÂModified-Newtonian-Dynamics (MOND). Astrophysics and Space Science, 2011, 333, 311-316.	1.4	3
138	An interacting and non-interacting two-fluid scenario for dark energy in FRW universe with constant deceleration parameter. Astrophysics and Space Science, 2011, 333, 343-350.	1.4	44
139	A new class of LRS Bianchi type-II dark energy models with variable EoS parameter. Astrophysics and Space Science, 2011, 334, 249-260.	1.4	28
140	A class of new LRS Bianchi type-I perfect fluid universes with decaying vacuum energy density Î›. Indian Journal of Physics, 2011, 85, 497-514.	1.8	20
141	An Interacting Two-Fluid Scenario for Dark Energy in an FRW Universe. Chinese Physics Letters, 2011, 28, 039801.	3.3	70
142	Anisotropic Bianchi Type-I Magnetized String Cosmological Models with Decaying Vacuum Energy Density Î›(t). Communications in Theoretical Physics, 2011, 55, 931-941.	2.5	17
143	ACCELERATING DARK ENERGY MODELS IN BIANCHI TYPE-V SPACETIME. Modern Physics Letters A, 2011, 26, 2261-2275.	1.2	56
144	Genesis of Dark Energy: Dark Energy as Consequence ofÂRelease and Two-Stage Tracking of Cosmological Nuclear Energy. International Journal of Theoretical Physics, 2010, 49, 821-834.	1.2	29

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145	Some Exact Bianchi Type-V Perfect Fluid Cosmological Models with Heat Flow and Decaying Vacuum Energy Density Î›: Expressions for Some Observable Quantities. International Journal of Theoretical Physics, 2010, 49, 1719-1738.	1.2	17
146	Massive String Cosmology in Bianchi Type III Space-Time with Electromagnetic Field. Communications in Theoretical Physics, 2010, 54, 950-956.	2.5	11
147	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
148	Thick Domain Walls in Lyra Geometry with Bulk Viscosity. Communications in Theoretical Physics, 2009, 51, 378-384.	2.5	8
149	Some Magnetized Bulk Viscous String Cosmological Models in Cylindrically Symmetric Inhomogeneous Universe with Variable Î›-Term. Communications in Theoretical Physics, 2009, 51, 367-374.	2.5	40
150	Accelerated Lyra's Cosmology Driven by Electromagnetic Field in Inhomogeneous Universe. International Journal of Mathematics and Mathematical Sciences, 2009, 2009, 1-20.	0.7	9
151	Plane symmetric inhomogeneous perfect fluid universe withÂelectromagnetic field in Lyra geometry. Astrophysics and Space Science, 2009, 321, 137-146.	1.4	16
152	LRS Bianchi Type-I Universe in Barberâ€™s Second Self Creation Theory. International Journal of Theoretical Physics, 2009, 48, 158-166.	1.2	20
153	LRS Bianchi Type II Bulk Viscous Fluid Universe withÂDecaying Vacuum Energy Density Î›. International Journal of Theoretical Physics, 2009, 48, 1466-1477.	1.2	23
154	A Plane-Symmetric Magnetized Inhomogeneous Cosmological Models of Perfect Fluid Distribution withÂVariable Magnetic Permeability in Lyra Geometry. International Journal of Theoretical Physics, 2009, 48, 3188-3201.	1.2	14
155	Cylindrically symmetric viscous fluid universe in Lyra geometry. Journal of Mathematical Physics, 2009, 50, 022501.	1.1	26
156	Bianchi Type VI 0 Magnetized Barotropic Bulk Viscous Fluid Massive String Universe in General Relativity. International Journal of Theoretical Physics, 2008, 47, 2594-2604.	1.2	21
157	Bianchi type-I cosmological models with variable G and Î›-term inÂgeneral relativity. Astrophysics and Space Science, 2008, 314, 83-88.	1.4	34
158	Plane symmetric inhomogeneous cosmological models withÂaÂperfect fluid in General RelativityÂII. Astrophysics and Space Science, 2008, 314, 225-229.	1.4	3
159	Magnetized string cosmological model in cylindrically symmetric inhomogeneous universe-revisited. Astrophysics and Space Science, 2008, 318, 255-261.	1.4	25
160	Inhomogeneous Bulk Viscous Fluid Universe with Electromagnetic Field and Variable Î›-Term. Communications in Theoretical Physics, 2008, 50, 279-288.	2.5	13
161	Magnetized string cosmological model in cylindrically symmetric inhomogeneous universe with time dependent cosmological-term lambda. Brazilian Journal of Physics, 2008, 38, 167-177.	1.4	38
162	Bianchi Type-III String Cosmological Models with Time Dependent Bulk Viscosity. Chinese Physics Letters, 2007, 24, 585-588.	3.3	89

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163	Bianchi Type-I Massive String Magnetized Barotropic Perfect Fluid Cosmological Model in General Relativity. Chinese Physics Letters, 2007, 24, 2455-2458.	3.3	40
164	Higher Dimensional Strange Quark Matter Coupled to the String Cloud with Electromagnetic Field Admitting One Parameter Group of Conformal Motion. Chinese Physics Letters, 2007, 24, 3013-3016.	3.3	18
165	Plane Symmetric Inhomogeneous Cosmological Models with a Perfect Fluid in General Relativity. International Journal of Theoretical Physics, 2007, 46, 1584-1595.	1.2	15
166	Some Bianchi Type III String Cosmological Models withÂBulk Viscosity. International Journal of Theoretical Physics, 2007, 46, 2677-2687.	1.2	39
167	Plane Symmetric Viscous Fluid Cosmological Models with Varying Î›-Term. International Journal of Theoretical Physics, 2007, 46, 2774-2787.	1.2	21
168	Five dimensional universe model with variable cosmological term Î› and a big bounce. Astrophysics and Space Science, 2007, 310, 141-147.	1.4	9
169	A new class of bulk viscous universe with time dependent deceleration parameter and Î›-term. Astrophysics and Space Science, 2007, 311, 413-421.	1.4	11
170	Some magnetized bulk viscous string cosmological models inÂGeneral Relativity. Astrophysics and Space Science, 2007, 311, 423-429.	1.4	39
171	A new class of Inhomogeneous string cosmological models inÂgeneral relativity. Astrophysics and Space Science, 2007, 312, 145-150.	1.4	19
172	Cylindrically symmetric inhomogeneous universe withÂelectromagnetic field in string cosmology. Astrophysics and Space Science, 2007, 312, 261-265.	1.4	24
173	Inhomogeneous perfect fluid universe with electromagneticÂfield. Astrophysics and Space Science, 2007, 312, 267-273.	1.4	4
174	Plane symmetric bulk viscous domain wall in Lyra geometry. Brazilian Journal of Physics, 2007, 37, .	1.4	19
175	Magnetized anisotropic cosmological models with varying Î›. European Physical Journal D, 2006, 56, 303-313.	0.4	8
176	Cylindrically symmetric inhomogeneous cosmological models with viscous fluid and varying Î›. European Physical Journal D, 2006, 56, 641-660.	0.4	18
177	Some Bianchi Type I Viscous Fluid Cosmological Models with a Variable Cosmological Constant. Astrophysics and Space Science, 2006, 301, 127-134.	1.4	56
178	Universe with Time Dependent Deceleration Parameter and Î› Term in General Relativity. Astrophysics and Space Science, 2006, 306, 11-16.	1.4	19
179	Higher Dimensional Cosmological Implications Of A Decay Law For Î» Term: Expressions For Some Observable Quantities. Astrophysics and Space Science, 2006, 305, 415-421.	1.4	7
180	HIGHER DIMENSIONAL DUST COSMOLOGICAL IMPLICATIONS OF A DECAY LAW FOR THE Î› TERM: EXPRESSIONS FOR SOME OBSERVABLE QUANTITIES. International Journal of Modern Physics D, 2006, 15, 95-105.	2.1	16

#	Article	IF	Citations
181	Isotropic Homogeneous Universe with a Bulk Viscous Fluid in Lyra Geometry. Astrophysics and Space Science, 2005, 299, 31-42.	1.4	24
182	Some Homogeneous Bianchi type IX Viscous Fluid Cosmological Models with a Varying Î›. Astrophysics and Space Science, 2005, 298, 419-432.	1.4	16
183	Generation of Bianchi type V cosmological models with varying Î›-term. European Physical Journal D, 2005, 55, 503-518.	0.4	23
184	Plane-symmetric Inhomogeneous Magnetized Viscous Fluid Universe with a Variable Î›. European Physical Journal D, 2005, 55, 749-764.	0.4	22
185	BIANCHI TYPE I MAGNETOFLUID COSMOLOGICAL MODELS WITH VARIABLE COSMOLOGICAL CONSTANT REVISITED. International Journal of Modern Physics D, 2004, 13, 503-516.	2.1	78
186	Tilted bianchi type v bulk viscous cosmological models in general relativity. Astrophysics and Space Science, 2004, 291, 151-162.	1.4	17
187	Some Inhomogeneous Magnetized Viscous-Fluid Cosmological Models with Varying Î›. European Physical Journal D, 2004, 54, 255-272.	0.4	19
188	Viscous Fluid Cosmological Models in LRS Bianchi Type V Universe with Varying Â. European Physical Journal D, 2004, 54, 487-498.	0.4	22
189	A new class of LRS Bianchi type-I cosmological models in Lyra geometry. Journal of Geometry and Physics, 2004, 49, 332-342.	1.4	48
190	Title is missing!. Astrophysics and Space Science, 2003, 286, 347-358.	1.4	5
191	Plane Symmetric Domain Wall in Lyra Geometry. Astrophysics and Space Science, 2003, 288, 315-325.	1.4	26
192	HIGHER DIMENSIONAL COSMOLOGICAL MODEL IN LYRA GEOMETRY: REVISITED. International Journal of Modern Physics D, 2003, 12, 853-860.	2.1	13
193	BIANCHI TYPE I ANISOTROPIC MAGNETIZED COSMOLOGICAL MODELS WITH VARYING Î›. International Journal of Modern Physics D, 2003, 12, 1299-1314.	2.1	41
194	PLANE-SYMMETRIC INHOMOGENEOUS BULK VISCOUS COSMOLOGICAL MODELS WITH VARIABLE Î›. International Journal of Modern Physics D, 2003, 12, 941-951.	2.1	38
195	LRS BIANCHI TYPE-I COSMOLOGICAL MODELS IN BARBER'S SECOND SELF CREATION THEORY. International Journal of Modern Physics D, 2002, 11, 1195-1207.	2.1	30
196	BULK VISCOUS ANISOTROPIC COSMOLOGICAL MODELS WITH VARIABLE G AND Î›. International Journal of Modern Physics D, 2002, 11, 893-912.	2.1	34
197	BULK VISCOUS SOLUTIONS TO THE FIELD EQUATIONS AND THE DECELERATION PARAMETER-REVISITED. International Journal of Modern Physics D, 2002, 11, 1419-1434.	2.1	27
198	PLANE-SYMMETRIC INHOMOGENEOUS VISCOUS FLUID COSMOLOGICAL MODELS WITH ELECTROMAGNETIC FIELD. International Journal of Modern Physics D, 2002, 11, 857-868.	2.1	21

#	Article	IF	Citations
199	MAGNETIZED CYLINDRICALLY SYMMETRIC UNIVERSE WITH BULK VISCOSITY. International Journal of Modern Physics D, 2001, 10, 741-750.	2.1	27
200	BULK VISCOUS FRW COSMOLOGY IN LYRA GEOMETRY. International Journal of Modern Physics D, 2001, 10, 339-349.	2.1	60
201	LRS BIANCHI I COSMOLOGICAL UNIVERSE MODELS WITH VARYING COSMOLOGICAL TERM Î›. International Journal of Modern Physics D, 2001, 10, 291-298.	2.1	44
202	Dosimetric comparison of constant dose rate volumetric modulated arc therapy (CDR-VMAT) and intensity-modulated radiation therapy (IMRT) for gallbladder cancer. Journal of Radiotherapy in Practice, 0, , 1-6.	0.5	1