Anirudh Pradhan

List of Publications by Year
in descending order

202 papers	4,336 citations	117625 34 h-index	206112 48 g-index
203 all docs	203 docs citations	203 times ranked	417 citing authors

#	Article	IF	Citations
1	Anisotropic compact stars in the Buchdahl model: A comprehensive study. Physical Review D, 2019, 99, .	4.7	122
2	Bianchi Type-V Cosmology in f(R,T) Gravity with Î»(T). International Journal of Theoretical Physics, 2014, 53, 289-306.	1.2	106
3	Bianchi Type-III String Cosmological Models with Time Dependent Bulk Viscosity. Chinese Physics Letters, 2007, 24, 585-588.	3.3	89
4	Bianchi Type-I Anisotropic Dark Energy Model with Constant Deceleration Parameter. International Journal of Theoretical Physics, 2011, 50, 2923-2938.	1.2	82
5	BIANCHI TYPE I MAGNETOFLUID COSMOLOGICAL MODELS WITH VARIABLE COSMOLOGICAL CONSTANT REVISITED. International Journal of Modern Physics D, 2004, 13, 503-516.	2.1	78
6	An Interacting Two-Fluid Scenario for Dark Energy in an FRW Universe. Chinese Physics Letters, 2011, 28, 039801.	3.3	70
7	Two-fluid scenario for dark energy models in an FRW universe-revisited. Astrophysics and Space Science, 2012, 342, 257-267.	1.4	70
8	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
9	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
10	BULK VISCOUS FRW COSMOLOGY IN LYRA GEOMETRY. International Journal of Modern Physics D, 2001, 10, 339-349.	2.1	60
11	Some Bianchi Type I Viscous Fluid Cosmological Models with a Variable Cosmological Constant. Astrophysics and Space Science, 2006, 301, 127-134.	1.4	56
12	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
13	Variable equation of state for Bianchi type-VI0 dark energy models. Astrophysics and Space Science, 2011, 333, 295-303.	1.4	56
14	ACCELERATING DARK ENERGY MODELS IN BIANCHI TYPE-V SPACETIME. Modern Physics Letters A, 2011, 26, 2261-2275.	1.2	56
15	Wormhole geometries in f(Q) gravity and the energy conditions. European Physical Journal C, 2021, 81, 1.	3.9	56
16	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
17	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
18	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

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19	Color-flavor locked quark stars in energy–momentum squared gravity. Physics of the Dark Universe, 2021, 31, 100774.	4.9	46
20	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>ω</mml:mi><mml:mo>–</mml:mo><mml:msup><mml:mi>ω</mml:mi><mml:msup><mml:mi /><mml:mo>′</mml:mo></mml:msup></mml:msup></mml:mrow></mml:math>pair. New Astronomy, 2019, 70, 36-42.	1.8	45
21	LRS BIANCHI I COSMOLOGICAL UNIVERSE MODELS WITH VARYING COSMOLOGICAL TERM Î›. International Journal of Modern Physics D, 2001, 10, 291-298.	2.1	44
22	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
23	BIANCHI TYPE I ANISOTROPIC MAGNETIZED COSMOLOGICAL MODELS WITH VARYING Î›. International Journal of Modern Physics D, 2003, 12, 1299-1314.	2.1	41
24	Bianchi Type-I Massive String Magnetized Barotropic Perfect Fluid Cosmological Model in General Relativity. Chinese Physics Letters, 2007, 24, 2455-2458.	3.3	40
25	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
26	Diagnosing Tsallis holographic dark energy models with statefinder and ω – ω′ pair. Modern Physics Letters A, 2019, 34, 1950101.	1.2	40
27	Some Bianchi Type III String Cosmological Models with Bulk Viscosity. International Journal of Theoretical Physics, 2007, 46, 2677-2687.	1.2	39
28	Some magnetized bulk viscous string cosmological models in General Relativity. Astrophysics and Space Science, 2007, 311, 423-429.	1.4	39
29	PLANE-SYMMETRIC INHOMOGENEOUS BULK VISCOUS COSMOLOGICAL MODELS WITH VARIABLE Î›. International Journal of Modern Physics D, 2003, 12, 941-951.	2.1	38
30	New holographic dark energy in bianchi- III universe with k-essence. New Astronomy, 2019, 68, 57-64.	1.8	38
31	Barrow HDE model for statefinder diagnostic in FLRW universe. International Journal of Modern Physics A, 2021, 36, 2150030.	1.5	38
32	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
33	Accelerating dark energy models with anisotropic fluid in Bianchi type VI$_0$ space-time. Research in Astronomy and Astrophysics, 2013, 13, 139-158.	1.7	37
34	Traversable wormholes in $f(R,T)$ gravity. Astrophysics and Space Science, 2020, 365, 1.	1.4	37
35	Bulk viscous LRS Bianchi-I Universe with variable G and decaying Î›. Astrophysics and Space Science, 2012, 337, 379-385.	1.4	36
36	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

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37	Minimally deformed anisotropic stars by gravitational decoupling in Einsteinâ€"Gaussâ€"Bonnet gravity. European Physical Journal C, 2021, 81, 1.	3.9	36
38	Dark Energy Models in f(R, T) Theory with Variable Deceleration Parameter. International Journal of Theoretical Physics, 2016, 55, 1241-1256.	1.2	35
39	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
40	BULK VISCOUS ANISOTROPIC COSMOLOGICAL MODELS WITH VARIABLE G AND Î›. International Journal of Modern Physics D, 2002, 11, 893-912.	2.1	34
41	Bianchi type-I cosmological models with variable G and Î›-term inÂgeneral relativity. Astrophysics and Space Science, 2008, 314, 83-88.	1.4	34
42	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
43	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
44	Tsallis holographic dark energy in FRW universe with time varying deceleration parameter. New Astronomy, 2019, 73, 101281.	1.8	32
45	Quark stars in the Einsteinâ€"Gaussâ€"Bonnet theory: A new branch of stellar configurations. Annals of Physics, 2021, 430, 168498.	2.8	32
46	Anisotropic stars in $4D$ Einsteinâ€"Gaussâ€"Bonnet gravity. Physics of the Dark Universe, 2021, 33, 100877.	4.9	32
47	Electrically charged quark stars in 4D Einsteinâ€"Gaussâ€"Bonnet gravity. European Physical Journal C, 2022, 82, 1.	3.9	31
48	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
49	Emergence and expansion of cosmic space in BIonic system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 92-96.	4.1	30
50	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
51	Anisotropic Viscous Fluid Cosmological Models from Deceleration to Acceleration in String Cosmology. International Journal of Theoretical Physics, 2013, 52, 2546-2559.	1.2	29
52	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
53	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
54	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

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55	MAGNETIZED CYLINDRICALLY SYMMETRIC UNIVERSE WITH BULK VISCOSITY. International Journal of Modern Physics D, 2001, 10, 741-750.	2.1	27
56	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
57	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
58	Emergence and oscillation of cosmic space by joining M1-branes. European Physical Journal C, 2016, 76, 1.	3.9	27
59	Plane Symmetric Domain Wall in Lyra Geometry. Astrophysics and Space Science, 2003, 288, 315-325.	1.4	26
60	Cylindrically symmetric viscous fluid universe in Lyra geometry. Journal of Mathematical Physics, 2009, 50, 022501.	1.1	26
61	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
62	Two-fluid atmosphere from decelerating to accelerating Friedmannâ€"Robertsonâ€"Walker dark energy models. Indian Journal of Physics, 2014, 88, 215-223.	1.8	26
63	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
64	Magnetized string cosmological model in cylindrically symmetric inhomogeneous universe-revisited. Astrophysics and Space Science, 2008, 318, 255-261.	1.4	25
65	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
66	Two-fluid scenario in Bianchi type-I universe. Modern Physics Letters A, 2020, 35, 2050086.	1.2	25
67	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
68	Isotropic Homogeneous Universe with a Bulk Viscous Fluid in Lyra Geometry. Astrophysics and Space Science, 2005, 299, 31-42.	1.4	24
69	Cylindrically symmetric inhomogeneous universe withÂelectromagnetic field in string cosmology. Astrophysics and Space Science, 2007, 312, 261-265.	1.4	24
70	Generation of Bianchi type V cosmological models with varying Î›-term. European Physical Journal D, 2005, 55, 503-518.	0.4	23
71	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
72	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

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73	Reconstruction of modified f(R, T) with Λ(T) gravity in general class of Bianchi cosmological models. Canadian Journal of Physics, 2015, 93, 654-662.	1.1	23
74	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
75	Statefinder hierarchy model for the Barrow holographic dark energy. New Astronomy, 2021, 88, 101623.	1.8	23
76	Charged polytropic compact stars in $4D$ Einstein–Gauss–Bonnet gravity. Chinese Journal of Physics, 2022, 77, 2106-2114.	3.9	23
77	Viscous Fluid Cosmological Models in LRS Bianchi Type V Universe with Varying Â. European Physical Journal D, 2004, 54, 487-498.	0.4	22
78	Plane-symmetric Inhomogeneous Magnetized Viscous Fluid Universe with a Variable Λ. European Physical Journal D, 2005, 55, 749-764.	0.4	22
79	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
80	Reconstruction of Tachyon, Dirac-Born-Infeld-essence and Phantom model for Tsallis holographic dark energy in $f(R,T$ gravity. Chinese Journal of Physics, 2021, 73, 56-73.	3.9	22
81	PLANE-SYMMETRIC INHOMOGENEOUS VISCOUS FLUID COSMOLOGICAL MODELS WITH ELECTROMAGNETIC FIELD. International Journal of Modern Physics D, 2002, 11, 857-868.	2.1	21
82	Plane Symmetric Viscous Fluid Cosmological Models with Varying Λ-Term. International Journal of Theoretical Physics, 2007, 46, 2774-2787.	1.2	21
83	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
84	FRW cosmological models in Brans-Dicke theory of gravity with variable q q and dynamical Λ $varLambda$ -term. Astrophysics and Space Science, 2016, 361, 1.	1.4	21
85	Quark stars in $f(R,$ gravity with an interacting quark equation of state. Physics of the Dark Universe, 2022, 35, 100990.	4.9	21
86	LRS Bianchi Type-I Universe in Barberâ€™s Second Self Creation Theory. International Journal of Theoretical Physics, 2009, 48, 158-166.	1.2	20
87	A class of new LRS Bianchi type-I perfect fluid universes with decaying vacuum energy density Λ. Indian Journal of Physics, 2011, 85, 497-514.	1.8	20
88	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
89	Stability of LRS Bianchi type-I cosmological models in $f(R, T)$-gravity. Research in Astronomy and Astrophysics, 2019, 19, 055.	1.7	20
90	Some Inhomogeneous Magnetized Viscous-Fluid Cosmological Models with Varying Λ. European Physical Journal D, 2004, 54, 255-272.	0.4	19

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91	Universe with Time Dependent Deceleration Parameter and Î› Term in General Relativity. Astrophysics and Space Science, 2006, 306, 11-16.	1.4	19
92	A new class of Inhomogeneous string cosmological models in Âgeneral relativity. Astrophysics and Space Science, 2007, 312, 145-150.	1.4	19
93	Plane symmetric bulk viscous domain wall in Lyra geometry. Brazilian Journal of Physics, 2007, 37, .	1.4	19
94	Cylindrically symmetric inhomogeneous cosmological models with viscous fluid and varying Î›. European Physical Journal D, 2006, 56, 641-660.	0.4	18
95	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
96	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
97	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
98	Interacting two-fluid viscous dark energy models in a non-flat universe. Research in Astronomy and Astrophysics, 2013, 13, 129-138.	1.7	18
99	Transit cosmological models with domain walls in f(R, T) gravity. Gravitation and Cosmology, 2017, 23, 392-400.	1.1	18
100	Bianchi Type-I Dust-Filled Accelerating Bransâ€“Dicke Cosmology. Gravitation and Cosmology, 2018, 24, 191-200.	1.1	18
101	Tilted bianchi type v bulk viscous cosmological models in general relativity. Astrophysics and Space Science, 2004, 291, 151-162.	1.4	17
102	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
103	Anisotropic Bianchi Type-I Magnetized String Cosmological Models with Decaying Vacuum Energy Density Î›(<i>t</i>). Communications in Theoretical Physics, 2011, 55, 931-941.	2.5	17
104	Some Homogeneous Bianchi type IX Viscous Fluid Cosmological Models with a Varying Î›. Astrophysics and Space Science, 2005, 298, 419-432.	1.4	16
105	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
106	Plane symmetric inhomogeneous perfect fluid universe with Âelectromagnetic field in Lyra geometry. Astrophysics and Space Science, 2009, 321, 137-146.	1.4	16
107	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
108	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:mo> gravity in different dark energy scenario. New Astronomy, 2022, 91, 101675.	1.8	16

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109	Plane Symmetric Inhomogeneous Cosmological Models with a Perfect Fluid in General Relativity. International Journal of Theoretical Physics, 2007, 46, 1584-1595.	1.2	15
110	Barrow HDE model for Statefinder diagnostic in non-flat FRW universe. Chinese Journal of Physics, 2022, 77, 646-657.	3.9	15
111	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
112	LRS Bianchi type-II massive string cosmological model in General Relativity. Astrophysics and Space Science, 2011, 331, 275-279.	1.4	14
113	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
114	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
115	HIGHER DIMENSIONAL COSMOLOGICAL MODEL IN LYRA GEOMETRY: REVISITED. International Journal of Modern Physics D, 2003, 12, 853-860.	2.1	13
116	Inhomogeneous Bulk Viscous Fluid Universe with Electromagnetic Field and Variable Î›-Term. Communications in Theoretical Physics, 2008, 50, 279-288.	2.5	13
117	Anisotropic Bianchi type-I models in string cosmology. Astrophysics and Space Science, 2011, 331, 697-704.	1.4	13
118	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
119	Bianchi type-I transit cosmological models with time dependent gravitational and cosmological constants. Indian Journal of Physics, 2014, 88, 757-765.	1.8	13
120	Fluid sphere: Stability problem and dimensional constraint. International Journal of Modern Physics D, 2015, 24, 1550049.	2.1	13
121	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
122	Friedmannâ€"Robertsonâ€"Walker accelerating Universe with interactive dark energy. Pramana - Journal of Physics, 2019, 93, 1.	1.8	13
123	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
124	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
125	Λ 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
126	Tsallis holographic dark energy model with observational constraints in the higher derivative theory of gravity. New Astronomy, 2021, 89, 101636.	1.8	12

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127	A new class of bulk viscous universe with time dependent deceleration parameter and Λ-term. Astrophysics and Space Science, 2007, 311, 413-421.	1.4	11
128	Massive String Cosmology in Bianchi Type III Space-Time with Electromagnetic Field. Communications in Theoretical Physics, 2010, 54, 950-956.	2.5	11
129	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
130	FRW dark energy cosmological model with hybrid expansion law. New Astronomy, 2019, 73, 101284.	1.8	11
131	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
132	RHDE models in FRW Universe with two IR cut-offs with redshift parametrization. European Physical Journal Plus, 2020, 135, 1.	2.6	11
133	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
134	FRW cosmological models with cosmological constant in $f(R, T)$ theory of gravity. Canadian Journal of Physics, 2021, 99, 741-753.	1.1	11
135	Cosmographic analysis of a closed bouncing universe with the varying cosmological constant in $f(R, T)$ gravity. Canadian Journal of Physics, 2022, 100, 475-484.	1.1	11
136	F (R) $F(R)$ bouncing cosmology with future singularity in brane-anti-brane system. Astrophysics and Space Science, 2016, 361, 1.	1.4	10
137	Modeling of traversable wormholes in exponential $f(R, T)$ gravity. Canadian Journal of Physics, 2021, 99, 634-645.	1.1	10
138	Anisotropic solution for compact star in 5D Einstein–Gauss–Bonnet gravity. Modern Physics Letters A, 2021, 36, .	1.2	10
139	Five dimensional universe model with variable cosmological term Λ and a big bounce. Astrophysics and Space Science, 2007, 310, 141-147.	1.4	9
140	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
141	Technical Note: Rotational positional error corrected intrafraction set‐up margins in stereotactic radiotherapy: A spatial assessment for coplanar and noncoplanar geometry. Medical Physics, 2019, 46, 4749-4754.	3.0	9
142	Anisotropic MHRDE model in BD theory of gravitation. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950185.	2.0	9
143	Constraints on the maximum mass of quark star and the GW 190814 event. European Physical Journal C, 2022, 82, 1.	3.9	9
144	Magnetized anisotropic cosmological models with varying Λ. European Physical Journal D, 2006, 56, 303-313.	0.4	8

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145	Thick Domain Walls in Lyra Geometry with Bulk Viscosity. Communications in Theoretical Physics, 2009, 51, 378-384.	2.5	8
146	Viscous fluid cosmology with time dependent q and $$Uplambda$$ λ-term in Bianchi type-I space-time and late time acceleration. Indian Journal of Physics, 2013, 87, 1157-1167.	1.8	8
147	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
148	A dark energy quintessence model of the universe. Modern Physics Letters A, 2020, 35, 2050002.	1.2	8
149	Crossing the phantom divide line in universal extra dimensions. New Astronomy, 2020, 80, 101406.	1.8	8
150	An FLRW interacting dark energy model of the Universe. New Astronomy, 2020, 78, 101368.	1.8	8
151	Dark energy-dominated Universe in Lyra geometry. Indian Journal of Physics, 2022, 96, 1569-1575.	1.8	8
152	Minimally deformed charged stellar model by gravitational decoupling in 5D Einstein–Gauss–Bonnet gravity. European Physical Journal C, 2022, 82, .	3.9	8
153	Higher Dimensional Cosmological Implications Of A Decay Law For λ Term: Expressions For Some Observable Quantities. Astrophysics and Space Science, 2006, 305, 415-421.	1.4	7
154	Magnetized Bianchi Type III String Universe with Time Decaying Vacuum Energy Density λ. International Journal of Theoretical Physics, 2011, 50, 2531-2545.	1.2	7
155	Viscous dark energy and phantom field in an anisotropic universe. Astrophysics and Space Science, 2014, 351, 59-65.	1.4	7
156	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
157	A comparative study of Kaluza–Klein model with magnetic field in Lyra manifold and general relativity. New Astronomy, 2019, 70, 27-35.	1.8	7
158	Sharma–Mittal holographic dark energy model in conharmonically flat space-time. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150002.	2.0	7
159	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
160	Cosmological scenario in $f(R,T)$ gravity. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	7
161	A new class of holographic dark energy models in LRS Bianchi Type-I. International Journal of Modern Physics A, 2021, 36, .	1.5	7
162	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

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163	Probing cosmic acceleration in $$\kappa (R,T)$$ gravity. Indian Journal of Physics, 2022, 96, 301-307.	1.8	6
164	The scalar field models of Tsallis holographic dark energy with Granda–Oliveros cutoff in modified gravity. Canadian Journal of Physics, 2021, 99, 866-874.	1.1	6
165	FRW cosmological models with Barrow holographic dark energy in Brans–Dicke theory. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	6
166	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
167	Title is missing!. Astrophysics and Space Science, 2003, 286, 347-358.	1.4	5
168	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
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