

Raj Bali

List of Publications by Year in descending order

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74
all docs

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74
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	The quasi-steady-state cosmology in a radiation-dominated phase. Modern Physics Letters A, 2019, 34, 1950262.	1.2	0
2	Aspects of inflation in spatially homogeneous and anisotropic Bianchi Type I spacetime with exponential potential. Modern Physics Letters A, 2018, 33, 1850238.	1.2	2
3	Inflationary scenario in Bianchi Type V space-time for a barotropic fluid distribution with variable bulk viscosity and vacuum energy density. Gravitation and Cosmology, 2016, 22, 394-403.	1.1	4
4	Locally rotationally symmetric Bianchi type I massive string cosmological model with vacuum energy density and magnetic field in general relativity. Canadian Journal of Physics, 2016, 94, 267-270.	1.1	0
5	C-field cosmology for barotropic fluid distribution with variable bulk viscosity and vacuum energy ($\hat{\lambda}$) in Friedmann-Robertson-Walker (FRW) space-time. Canadian Journal of Physics, 2015, 93, 14-17.	1.1	0
6	Locally rotationally symmetric (LRS) Bianchi type II string dust viscous fluid cosmological models in Lyra geometry. Canadian Journal of Physics, 2014, 92, 1714-1719.	1.1	1
7	LRS Bianchi type I stiff fluid inflationary universe with variable bulk viscosity. Canadian Journal of Physics, 2014, 92, 365-369.	1.1	2
8	LRS Bianchi Type II Massive String Cosmological Model for Stiff Fluid Distribution with Decaying Vacuum Energy ($\hat{\lambda}$). International Journal of Theoretical Physics, 2014, 53, 2082-2090.	1.2	3
9	Bianchi Type-I String Dust Models with Bulk Viscosity in Lyra Geometry. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2014, 84, 391-395.	1.2	0
10	$\langle i \rangle C \langle /i \rangle$ -field cosmological model for barotropic fluid distribution with bulk viscosity and decaying vacuum energy ($\hat{\lambda}$) in FRW space-time. Canadian Journal of Physics, 2013, 91, 728-732.	1.1	2
11	Inflationary Scenario in Bianchi Type IX Space-Time with Massless Scalar Field. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2013, 83, 115-117.	1.2	1
12	Linearly Varying Deceleration Parameter in Viscous Bianchi Type I Universe. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2013, 83, 129-136.	1.2	3
13	Bianchi Type III Dust Filled Universe with Time Dependent $\hat{\lambda}$ in C-Field Cosmology. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2013, 83, 29-32.	1.2	0
14	Bianchi Type I Magnetized Stiff Fluid Models with Bulk Viscosity in Lyra Geometry. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2013, 83, 317-326.	1.2	0
15	C-Field Cosmological Model for Barotropic Fluid Distribution with Varying $\hat{\lambda}$ in FRW Space Time. International Journal of Theoretical Physics, 2013, 52, 1645-1653.	1.2	3
16	BIANCHI TYPE VIO INFLATIONARY COSMOLOGICAL MODEL IN GENERAL RELATIVITY. International Journal of Modern Physics Conference Series, 2013, 22, 593-602.	0.7	5
17	Bianchi Type IX Barotropic Fluid Model with Time-Dependent Displacement Vector in Lyra Geometry. ISRN Mathematical Analysis, 2012, 2012, 1-9.	0.4	0
18	CHAOTIC INFLATIONARY SCENARIO IN BIANCHI TYPE I SPACETIME. Modern Physics Letters A, 2012, 27, 1250049.	1.2	2

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19	Viscous Bianchi Type I Universe with Stiff Matter and Decaying Vacuum Energy Density. ISRN Mathematical Analysis, 2012, 2012, 1-11.	0.4	1
20	Bianchi type V viscous fluid cosmological models in presence of decaying vacuum energy. Astrophysics and Space Science, 2012, 341, 701-706.	1.4	8
21	Bulk Viscosity and Decaying Vacuum Density in Friedmann Universe. International Journal of Theoretical Physics, 2012, 51, 3828-3838.	1.2	5
22	Spatially Homogeneous Bianchi Type IX Dust Filled Universe with Time Dependent Displacement Vector in Lyra Geometry. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2012, 82, 125-128.	1.2	0
23	Bulk Viscous Bianchi Type I Barotropic Fluid Cosmological Model with Varying $\hat{\nu}$ and Functional Relation on Hubble Parameter. International Journal of Theoretical Physics, 2012, 51, 772-777.	1.2	6
24	Cosmological Models with Variable G in C-Field Cosmology. International Journal of Theoretical Physics, 2011, 50, 27-34.	1.2	6
25	Inflationary Scenario in Bianchi Type I Space-Time. International Journal of Theoretical Physics, 2011, 50, 3043-3048.	1.2	12
26	TILTED BIANCHI TYPE-V BAROTROPIC FLUID COSMOLOGICAL MODELS WITH VARIABLE BULK VISCOSITY IN GENERAL RELATIVITY. International Journal of Modern Physics A, 2011, 26, 4299-4310.	1.5	0
27	LRS Bianchi Type II Inflationary Universe with Massless Scalar Field. ISRN Astronomy and Astrophysics, 2011, 2011, 1-3.	0.2	2
28	Bianchi Type III Cosmological Models for Barotropic Perfect Fluid Distribution with Variable G and $\hat{\nu}$. International Journal of Theoretical Physics, 2010, 49, 1431-1438.	1.2	7
29	Bianchi Type I String Dust Magnetized Cosmological Models in Lyra Geometry. Communications in Theoretical Physics, 2010, 54, 197-202.	2.5	5
30	BIANCHI TYPE-I STRING DUST COSMOLOGICAL MODELS IN LYRA GEOMETRY. International Journal of Modern Physics A, 2010, 25, 3043-3054.	1.5	5
31	BIANCHI TYPE I MAGNETIZED DUST FILLED UNIVERSE IN LYRA GEOMETRY. International Journal of Modern Physics A, 2010, 25, 4839-4848.	1.5	6
32	Bianchi Type V Magnetized String Dust Bulk Viscous Fluid Cosmological Model with Variable Magnetic Permeability. International Journal of Theoretical Physics, 2009, 48, 476-486.	1.2	9
33	Bianchi Type I Magnetized Barotropic Perfect Fluid Cosmological Model in General Relativity. International Journal of Theoretical Physics, 2009, 48, 1186-1193.	1.2	0
34	Bianchi Type V Barotropic Perfect Fluid Cosmological Model in Lyra Geometry. International Journal of Theoretical Physics, 2009, 48, 1523-1533.	1.2	12
35	Bianchi Type-III Cosmological Models with Time Dependent Displacement Vector for Barotropic Fluid Distribution in Lyra Geometry. International Journal of Theoretical Physics, 2009, 48, 3101-3109.	1.2	5
36	C-field Cosmological Models with Variable G in FRW Space-Time. International Journal of Theoretical Physics, 2009, 48, 3410-3415.	1.2	12

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37	Bianchi Type V magnetized string dust cosmological models with Petrov-type degenerate. <i>Pramana - Journal of Physics</i> , 2009, 72, 787-796.	1.8	2
38	Magnetized Stiff Fluid Cylindrically Symmetric Universe with Two Degrees of Freedom in General Relativity. <i>International Journal of Theoretical Physics</i> , 2008, 47, 2218-2229.	1.2	5
39	Bianchi Type VI O Magnetized Barotropic Bulk Viscous Fluid Massive String Universe in General Relativity. <i>International Journal of Theoretical Physics</i> , 2008, 47, 2594-2604.	1.2	21
40	Bulk Viscous Bianchi Type I Cosmological Models with Time-Dependent Cosmological Term $\hat{\Lambda}$. <i>International Journal of Theoretical Physics</i> , 2008, 47, 3288-3297.	1.2	33
41	Bianchi type VI O magnetized bulk viscous massive string cosmological model in General Relativity. <i>Astrophysics and Space Science</i> , 2008, 317, 21-26.	1.4	21
42	Bianchi type-III bulk viscous dust filled universe in Lyra geometry. <i>Astrophysics and Space Science</i> , 2008, 318, 225-230.	1.4	10
43	Bianchi Type III magnetized massive string cosmological model for perfect fluid distribution in general relativity. <i>Astrophysics and Space Science</i> , 2008, 318, 237-242.	1.4	4
44	Bianchi type-I cosmological model for perfect fluid distribution in Lyra geometry. <i>Journal of Mathematical Physics</i> , 2008, 49, 032502.	1.1	31
45	THE BIANCHI TYPE V MAGNETIZED STRING DUST COSMOLOGICAL MODEL IN GENERAL RELATIVITY. <i>International Journal of Modern Physics D</i> , 2007, 16, 1769-1781.	2.1	13
46	Bianchi type-III non-static magnetized cosmological model for perfect fluid distribution in general relativity. <i>Astrophysics and Space Science</i> , 2007, 311, 401-406.	1.4	8
47	Bianchi Type I string dust cosmological model with magnetic field in general relativity. <i>Astrophysics and Space Science</i> , 2007, 312, 305-310.	1.4	2
48	Bianchi Type I Magnetized String Cosmological Model in General Relativity. <i>Astrophysics and Space Science</i> , 2006, 302, 201-205.	1.4	53
49	Bianchi Type-V Bulk Viscous Fluid String Dust Cosmological Model In General Relativity. <i>Astrophysics and Space Science</i> , 2005, 300, 387-394.	1.4	37
50	Bianchi Type-IX viscous fluid cosmological model in general relativity. <i>Pramana - Journal of Physics</i> , 2005, 64, 187-196.	1.8	31
51	Tilted Bianchi Type I Cosmological Models for Barotropic Perfect Fluid in General Relativity. <i>Astrophysics and Space Science</i> , 2004, 293, 367-380.	1.4	4
52	Bianchi type-I bulk viscous fluid string dust magnetized cosmological model in general relativity. <i>Pramana - Journal of Physics</i> , 2004, 63, 481-490.	1.8	6
53	Conformally flat tilted Bianchi Type-V cosmological models in general relativity. <i>Pramana - Journal of Physics</i> , 2004, 62, 1007-1014.	1.8	18
54	Bianchi type "IX" string cosmological models with bulk viscous fluid in general relativity. <i>Astrophysics and Space Science</i> , 2003, 288, 503-509.	1.4	18

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55	LRS Bianchi Type V bulk viscous fluid string dust cosmological model in general relativity. <i>Astrophysics and Space Science</i> , 2003, 288, 517-521.	1.4	5
56	Tilted Bianchi Type I stiff fluid magnetized cosmological model in general relativity. <i>Astrophysics and Space Science</i> , 2003, 283, 11-22.	1.4	11
57	L.R.S. Bianchi Type I string dust magnetized cosmological models. <i>Astrophysics and Space Science</i> , 2003, 283, 97-108.	1.4	44
58	Bianchi type I inflationary universe in general relativity. <i>Pramana - Journal of Physics</i> , 2002, 59, 1-7.	1.8	27
59	Tilted Bianchi type I dust fluid cosmological model in general relativity. <i>Pramana - Journal of Physics</i> , 2002, 58, 457-463.	1.8	10
60	Tilted Cosmological Models Filled with Disordered Radiation in General Relativity. <i>Astrophysics and Space Science</i> , 2002, 281, 565-575.	1.4	19
61	Bianchi Type-III String Cosmological Model with Bulk Viscous Fluid in General Relativity. <i>Astrophysics and Space Science</i> , 2002, 282, 461-466.	1.4	49
62	Bianchi type IX string cosmological model in general relativity. <i>Pramana - Journal of Physics</i> , 2001, 56, 513-518.	1.8	44
63	Magnetized Stiff Fluid Tilted Universe for Perfect Fluid Distribution in General Relativity. <i>Astrophysics and Space Science</i> , 1998, 262, 89-96.	1.4	2
64	Some Viscous Fluid Cosmological Models in General Relativity. <i>Astrophysics and Space Science</i> , 1997, 254, 13-23.	1.4	7
65	Magnetized cylindrically symmetric universe in general relativity. <i>Pramana - Journal of Physics</i> , 1996, 47, 25-31.	1.8	11
66	A cylindrically symmetric inhomogeneous cosmological model with electromagnetic field. <i>General Relativity and Gravitation</i> , 1989, 21, 797-806.	2.0	17
67	Stiff magnetofluid cosmological model. <i>International Journal of Theoretical Physics</i> , 1988, 27, 627-633.	1.2	10
68	Inhomogeneous cosmological models with electromagnetic field in general relativity. <i>Astrophysics and Space Science</i> , 1987, 134, 47-54.	1.4	9
69	Inhomogeneous viscous fluid cosmological model with electromagnetic field in general relativity. <i>Astrophysics and Space Science</i> , 1987, 138, 71-77.	1.4	7
70	Viscous fluid cosmological model of cylindrical symmetry in the presence of magnetic field. <i>Astrophysics and Space Science</i> , 1987, 138, 173-182.	1.4	4
71	A gravitationally non-degenerate cosmological model with expanding and shearing viscous fluid in general relativity. <i>Astrophysics and Space Science</i> , 1987, 139, 175-181.	1.4	13
72	Some inhomogeneous cosmological models of plane symmetry with electromagnetic field. <i>Astrophysics and Space Science</i> , 1987, 139, 365-372.	1.4	3

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73	Some magnetohydrostatic models of cylindrical symmetry in general relativity. Journal of Mathematical Physics, 1984, 25, 1456-1459.	1.1	3
74	Magneto-viscous fluid cosmological model of plane symmetry in general relativity. Astrophysics and Space Science, 1984, 107, 155-165.	1.4	5