D R K Reddy

List of Publications by Year in descending order

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142 papers	2,250 citations	201674 27 h-index	302126 39 g-index
142 all docs	142 docs citations	142 times ranked	220 citing authors

#	Article	IF	Citations
1	Dynamical aspects of anisotropic Bianchi type VI0 cosmological model with dark energy fluid and massive scalar field. Indian Journal of Physics, 2021, 95, 383-389.	1.8	10
2	Kaluzaâ€“Klein minimally interacting dark energy model in the presence of massive scalar field. Modern Physics Letters A, 2021, 36, 2150054.	1.2	7
3	Anisotropic minimally interacting dark energy models with cosmic strings and a massive scalar field. International Journal of Modern Physics A, 2021, 36, .	1.5	2
4	Axially symmetric Bianchi type-I cosmological model of the universe in the presence of perfect fluid and an attractive massive scalar field in Lyra manifold. Astrophysics and Space Science, 2020, 365, 1.	1.4	9
5	Bianchi type-III dark energy cosmological model with massive scalar meson field. Astrophysics and Space Science, 2020, 365, 1.	1.4	10
6	Bianchi type-V string cosmological model with a massive scalar field. Astrophysics and Space Science, 2020, 365, 1.	1.4	8
7	Kaluza-Klein dark energy model in Lyra manifold in the presence of massive scalar field. Astrophysics and Space Science, 2019, 364, 1.	1.4	16
8	Bianchi type-V dark energy cosmological model in general relativity in the presence of massive scalar field. Heliyon, 2019, 5, e01645.	3.2	18
9	Observational constraint on interacting Tsallis holographic dark energy in logarithmic Bransâ€“Dicke theory. European Physical Journal C, 2019, 79, 1.	3.9	67
10	Dynamics of perfect fluid cosmological model in the presence of massive scalar field in f (R , T) $f(R,T)$ gravity. Astrophysics and Space Science, 2019, 364, 1.	1.4	20
11	FRW type Kaluzaâ€“Klein modified holographic Ricci dark energy models in Bransâ€“Dicke theory of gravitation. European Physical Journal C, 2018, 78, 1.	3.9	34
12	Anisotropic new holographic dark energy model in Saezâ€“Ballester theory of gravitation. Astrophysics and Space Science, 2018, 363, 1.	1.4	34
13	Birkhoffâ€™s theorem in f(R) theory of gravity. European Physical Journal Plus, 2018, 133, 1.	2.6	3
14	Cosmic strings in a five dimensional spherically symmetric background in f (R , T) $f(R,T)$ gravity. Astrophysics and Space Science, 2018, 363, 1.	1.4	7
15	Dynamics of axially symmetric anisotropic modified holographic Ricci dark energy model in Brans-Dicke theory of gravitation. European Physical Journal Plus, 2018, 133, 1.	2.6	23
16	Locally rotationally symmetric Bianchi type-I string cosmological models in f(R) theory of gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850156.	2.0	11
17	Axially symmetric anisotropic string cosmological models in Saez-Ballester theory of gravitation. Astrophysics and Space Science, 2017, 362, 1.	1.4	2
18	LRS Bianchi type-II string cosmological models in a modified theory of gravitation. Astrophysics and Space Science, 2017, 362, 1.	1.4	3

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19	Anisotropic holographic dark energy model in Bianchi type-VI0 universe in a scalarâ€“tensor theory of gravitation. Astrophysics and Space Science, 2016, 361, 1.	1.4	13
20	Five dimensional minimally interacting holographic dark energy model in Bransâ€“Dicke theory of gravitation. Astrophysics and Space Science, 2016, 361, 1.	1.4	9
21	Minimally interacting holographic dark energy model in a five dimensional spherically symmetric space-time in Saezâ€“Ballester theory of gravitation. Astrophysics and Space Science, 2016, 361, 1.	1.4	5
22	Spherically symmetric five dimensional cosmological model in scale covariant theory of gravitation. Astrophysics and Space Science, 2016, 361, 1.	1.4	2
23	Five dimensional spherically symmetric minimally interacting holographic dark energy model in Bransâ€“Dicke theory. Astrophysics and Space Science, 2016, 361, 1.	1.4	7
24	Bianchi type-III minimally interacting holographic dark energy model with linearly varying deceleration parameter in Brans-Dicke theory. Astrophysics and Space Science, 2015, 360, 1.	1.4	9
25	Five dimensional FRW cosmological models in a scalar-tensor theory of gravitation. Astrophysics and Space Science, 2015, 357, 1.	1.4	6
26	Stationary spherically symmetric one-kink model in Saez-Ballester theory of gravitation. Astrophysics and Space Science, 2015, 356, 137-139.	1.4	1
27	Kaluza-Klein dark energy model in Brans-Dicke theory of gravitation. Astrophysics and Space Science, 2015, 357, 1.	1.4	6
28	Bianchi type-V bulk viscous string cosmological model in a self-creation theory of gravitation. Astrophysics and Space Science, 2015, 359, 1.	1.4	1
29	Minimally interacting holographic Dark energy model in Brans-Dicke theory. Astrophysics and Space Science, 2015, 356, 407-411.	1.4	37
30	Minimally interacting holographic dark energy model in a scalar- tensor theory of gravitation. Astrophysics and Space Science, 2014, 354, 577-581.	1.4	33
31	Bianchi type-III bulk viscous cosmic string model in a scalar-tensor theory of gravitation. Astrophysics and Space Science, 2014, 349, 467-471.	1.4	11
32	Bianchi type-V bulk viscous string cosmological model in Saez-Ballester scalar-tensor theory of gravitation. Astrophysics and Space Science, 2014, 349, 473-477.	1.4	7
33	Anisotropic bulk viscous cosmological models in a modified gravity. Astrophysics and Space Science, 2014, 350, 375-380.	1.4	6
34	Two fluid scenario for dark energy model in Brans-Dicke theory of gravitation. Astrophysics and Space Science, 2014, 350, 799-804.	1.4	2
35	Kantowskiâ€“Sachs bulk viscous cosmological model in a scalarâ€“tensor theory of gravitation. Astrophysics and Space Science, 2014, 351, 661-664.	1.4	4
36	Bianchi type-VI0 bulk viscous string cosmological model in Brans-Dicke scalar-tensor theory of gravitation. European Physical Journal Plus, 2014, 129, 1.	2.6	9

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37	Bianchi type-II Bulk viscous string cosmological model in self-creation theory of gravitation. Astrophysics and Space Science, 2014, 351, 385-389.	1.4	3
38	Kaluza-Klein dark energy cosmological model in scale Co-variant Theory of Gravitation. Astrophysics and Space Science, 2014, 349, 485-489.	1.4	5
39	Bianchi type-III bulk viscous string cosmological model in Brans-Dicke theory of gravitation. Astrophysics and Space Science, 2014, 349, 479-483.	1.4	13
40	Kantowskiâ€“Sachs bulk viscous string cosmological model in Bransâ€“Dicke theory of gravitation. Astrophysics and Space Science, 2014, 351, 307-311.	1.4	7
41	Five dimensional radiating model in Brans-Dicke theory of gravitation. Astrophysics and Space Science, 2014, 354, 633-636.	1.4	3
42	Bianchi type-V bulk viscous string cosmological model in scale-covariant theory of gravitation. Astrophysics and Space Science, 2014, 353, 271-274.	1.4	3
43	Non-existence of kinks in a modified gravity. Astrophysics and Space Science, 2014, 353, 275-278.	1.4	1
44	Kantowski-Sachs bulk viscous string cosmological model in f(R,T) gravity. European Physical Journal Plus, 2014, 129, 1.	2.6	20
45	LRS Bianchi type-II bulk viscous cosmic string model in a scale covariant theory of gravitation. Astrophysics and Space Science, 2013, 348, 241-245.	1.4	14
46	Bianchi type-V bulk viscous string cosmological model in f(R,T) gravity. Astrophysics and Space Science, 2013, 348, 247-252.	1.4	84
47	A five dimensional Kaluza-Klein bulk viscous string cosmological model in Brans-Dicke scalar-tensor theory of gravitation. Astrophysics and Space Science, 2013, 347, 197-201.	1.4	16
48	Non-existence of Bianchi type-III bulk viscous string cosmological model in f(R,T) gravity. Astrophysics and Space Science, 2013, 346, 521-524.	1.4	43
49	Kaluza-Klein universe with cosmic strings and bulk viscosity in f(R,T) gravity. Astrophysics and Space Science, 2013, 346, 261-265.	1.4	55
50	Some anisotropic cosmological models in a modified theory of gravitation. Astrophysics and Space Science, 2013, 344, 253-257.	1.4	54
51	Bianchi type-III Dark Energy Model in f(R,T) Gravity. International Journal of Theoretical Physics, 2013, 52, 239-245.	1.2	63
52	Two Fluid Scenario for Dark Energy Model in a Scalar-Tensor Theory of Gravitation. International Journal of Theoretical Physics, 2013, 52, 1362-1369.	1.2	20
53	LRS Bianchi type-II universe with cosmic strings and bulk viscosity in a modified theory of gravity. Astrophysics and Space Science, 2013, 346, 219-223.	1.4	25
54	Kaluza-Klein Universe with Cosmic Strings and Bulk Viscosity in a Scalar-Tensor Theory of Gravitation. International Journal of Theoretical Physics, 2013, 52, 1214-1220.	1.2	14

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55	Anisotropic Bulk Viscous String Cosmological Model in a Scalar-Tensor Theory of Gravitation. Advances in High Energy Physics, 2013, 2013, 1-5.	1.1	8
56	Field of a charged particle in a scalar-tensor theory of gravitation. Astrophysics and Space Science, 2012, 342, 245-247.	1.4	2
57	Bianchi type-III cosmological model in f(R,T) theory of gravity. Astrophysics and Space Science, 2012, 342, 249-252.	1.4	113
58	A Dark Energy Model in a Scale Covariant Theory of Gravitation. International Journal of Theoretical Physics, 2012, 51, 3045-3051.	1.2	9
59	Kaluza-Klein Cosmological Model in f(R,T) Gravity. International Journal of Theoretical Physics, 2012, 51, 3222-3227.	1.2	52
60	Bianchi Type-V Dark Energy Model in a Scalar-Tensor Theory of Gravitation. International Journal of Theoretical Physics, 2012, 51, 1997-2002.	1.2	39
61	Bianchi Type-III Dark Energy Model in a Saez-Ballester Scalar-Tensor Theory. International Journal of Theoretical Physics, 2012, 51, 2857-2862.	1.2	27
62	Five dimensional dark energy model in a scalar-tensor theory of gravitation. Astrophysics and Space Science, 2012, 339, 401-404.	1.4	17
63	Axially symmetric radiating cosmological model in a self-creation cosmology. Astrophysics and Space Science, 2012, 338, 309-311.	1.4	2
64	LRS Bianchi type-II dark energy model in a scalarâ€“tensor theory of gravitation. Astrophysics and Space Science, 2012, 338, 333-336.	1.4	31
65	LRS Bianchi type-II Universe with cosmic strings and bulk viscosity in a scalar tensor theory of gravitation. Astrophysics and Space Science, 2012, 338, 351-354.	1.4	13
66	A plane symmetric Bianchi type-I inflationary universe in general relativity. Astrophysics and Space Science, 2009, 319, 89-91.	1.4	4
67	Kaluza-Klein Cosmological Model in Self-Creation Cosmology. International Journal of Theoretical Physics, 2009, 48, 10-13.	1.2	16
68	Kantowaski-Sachs Inflationary Universe in General Relativity. International Journal of Theoretical Physics, 2009, 48, 2884-2888.	1.2	17
69	A Higher Dimensional Cosmological Model inÂaÂScale-Covariant Theory of Gravitation. International Journal of Theoretical Physics, 2009, 48, 3044-3048.	1.2	3
70	Bianchi Type-V Inflationary Universe in General Relativity. International Journal of Theoretical Physics, 2009, 48, 2036-2040.	1.2	6
71	Axially Symmetric Inflationary Universe in General Relativity. International Journal of Theoretical Physics, 2008, 47, 1016-1020.	1.2	8
72	On Axially Symmetric Domain Walls and Cosmic Strings in Bimetric Theory. International Journal of Theoretical Physics, 2008, 47, 1594-1599.	1.2	5

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73	A Higher Dimensional Inflationary Universe in General Relativity. International Journal of Theoretical Physics, 2008, 47, 2339-2343.	1.2	15
74	Five Dimensional Domain Walls in a Scalar-Tensor Theory of Gravitation. International Journal of Theoretical Physics, 2008, 47, 2966-2970.	1.2	11
75	A Higher Dimensional Cosmic Domain Wall inÂBrans-Dicke Theory ofÂGravitation. International Journal of Theoretical Physics, 2008, 47, 3150-3155.	1.2	4
76	A Cosmological Model with Negative Constant Deceleration Parameter in Brans-Dicke Theory. International Journal of Theoretical Physics, 2007, 46, 1443-1448.	1.2	28
77	Cosmic Strings and Domain Walls in aÂScale-Covariant Theory of Gravitation. International Journal of Theoretical Physics, 2007, 46, 2788-2794.	1.2	18
78	A Cosmological Model with a Negative Constant Deceleration Parameter in Scale-Covariant Theory of Gravitation. Astrophysics and Space Science, 2007, 307, 365-367.	1.4	22
79	Five dimensional string cosmological models in aÂscalar-tensor theory of gravitation. Astrophysics and Space Science, 2007, 307, 395-398.	1.4	51
80	A higher-dimensional string cosmological model inÂBransâ€“Dicke theory of gravitation. Astrophysics and Space Science, 2007, 310, 177-180.	1.4	14
81	Bianchi type-IX cosmic strings in a scalar-tensor theory ofÂgravitation. Astrophysics and Space Science, 2007, 312, 99-102.	1.4	18
82	A Xially Symmetric Cosmic Strings and Domain Walls in Lyra Geometry. Astrophysics and Space Science, 2006, 302, 157-160.	1.4	47
83	On Plane Symmetric Domain Walls and Cosmic Strings in Bimetric Theory. Astrophysics and Space Science, 2006, 301, 149-151.	1.4	6
84	On Kantowskiâ€“Sachs Cosmological Models in Bimetric Theory of Gravity. Astrophysics and Space Science, 2006, 301, 185-187.	1.4	9
85	On Einsteinâ€“Rosen Cosmic Strings in a Scalar Tensor Theory of Gravitation. Astrophysics and Space Science, 2006, 305, 139-141.	1.4	12
86	Axially Symmetric String Cosmological Model In Brans-Dicke Theory of Gravitation. Astrophysics and Space Science, 2006, 305, 183-186.	1.4	37
87	Axially Symmetric Cosmic Strings in a Scalar-Tensor Theory. Astrophysics and Space Science, 2006, 306, 185-188.	1.4	51
88	Axially Symmetric Radiating Model in Brans â€“ Dicke Cosmology. Astrophysics and Space Science, 2006, 306, 1-3.	1.4	4
89	A Cosmological Model with Negative Constant Deceleration Parameter in a Scalar-Tensor Theory. Astrophysics and Space Science, 2006, 306, 171-174.	1.4	34
90	Plane Symmetric Cosmic Strings In Lyra Manifold. Astrophysics and Space Science, 2005, 300, 381-386.	1.4	57

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91	Exact bianchi type-II, VIII, and IX cosmological models with matter and electromagnetic fields in Lyra's manifold. Astrophysics and Space Science, 1996, 182, 97-103.	1.4	16
92	Exact bianchi type-II, VIII and IX cosmological models in scale-covariant theory of gravitation. Astrophysics and Space Science, 1993, 204, 155-160.	1.4	15
93	Exact Bianchi type-II Lyttleton-Bondi universe. Astrophysics and Space Science, 1991, 176, 47-50.	1.4	1
94	Vacuum Bianchi type-III cosmological models in Ross and Dunn theories of gravitation. Astrophysics and Space Science, 1991, 175, 241-245.	1.4	1
95	Bianchi type-II, VIII, and IX cosmologies with conformally-invariant scalar field and electromagnetic fields. Astrophysics and Space Science, 1991, 184, 153-156.	1.4	0
96	Bianchi type-III model in the Lyttleton-Bondi universe. Astrophysics and Space Science, 1991, 176, 271-274.	1.4	0
97	Bianchi type-I models in self-creation theory of gravitation. Astrophysics and Space Science, 1990, 168, 193-199.	1.4	28
98	Exact Bianchi type-II Lyttleton-Bondi universe. Astrophysics and Space Science, 1990, 172, 143-146.	1.4	3
99	Exact Bianchi type-II vacuum-cosmological model in a scalar-tensor theory of gravitation. Astrophysics and Space Science, 1990, 166, 45-48.	1.4	2
100	An anisotropic cosmological model in self-creation cosmology. Astrophysics and Space Science, 1989, 152, 337-341.	1.4	7
101	Non-existence of Biachi type-1 perfect fluid cosmological models in a bi-metric theory of gravitation. Astrophysics and Space Science, 1989, 158, 169-171.	1.4	28
102	On Birkhoff's theorem in Bergmann-Wagoner theory. Astrophysics and Space Science, 1989, 159, 173-176.	1.4	2
103	Vacuum Bianchi type-VI0 cosmological models in Ross and Dunn theories of gravitation. Astrophysics and Space Science, 1989, 153, 121-125.	1.4	4
104	Vacuum Friedmann models in self-creation cosmology. Astrophysics and Space Science, 1989, 151, 157-160.	1.4	0
105	Bianchi type-V Lyttleton-Bondi universe. Astrophysics and Space Science, 1989, 154, 111-114.	1.4	6
106	Bianchi type-VI0 model in the Lyttleton-Bondi universe. Astrophysics and Space Science, 1989, 154, 115-118.	1.4	7
107	Vacuum bianchi type-V cosmological models in Ross and Dunn scalar-tensor theories of gravitation. Astrophysics and Space Science, 1989, 155, 131-134.	1.4	3
108	Bianchi type-VI0 models in self-creation cosmology. Astrophysics and Space Science, 1989, 155, 135-139.	1.4	36

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109	Bianchi type-V radiating model in self-creation cosmology. Astrophysics and Space Science, 1989, 151, 353-356.	1.4	11
110	Vacuum bianchi type V and VI0 cosmological models in a new scalar-tensor theory of gravitation. Astrophysics and Space Science, 1989, 161, 125-131.	1.4	3
111	Nonexistence of static conformally-flat solutions in self-creation cosmology. Astrophysics and Space Science, 1988, 147, 115-119.	1.4	1
112	Plane-symmetric vacuum in self-creation cosmology. Astrophysics and Space Science, 1988, 150, 379-382.	1.4	2
113	A static conformally-flat vacuum model in self-creation cosmology. Astrophysics and Space Science, 1988, 141, 181-184.	1.4	8
114	Birkhoff's theorem in a conformally-invariant scalar field theory. Astrophysics and Space Science, 1988, 140, 85-88.	1.4	2
115	A plane-symmetric universe in the presence of zero-mass scalar fields. Astrophysics and Space Science, 1988, 140, 161-164.	1.4	10
116	Bianchi type-I universe in the presence of zero-mass scalar fields. Astrophysics and Space Science, 1987, 136, 17-20.	1.4	15
117	A static conformally flat cosmological model in Lyra's manifold. Astrophysics and Space Science, 1987, 136, 183-186.	1.4	10
118	Birkhoff-type theorem in the scale-covariant theory of gravitation. Astrophysics and Space Science, 1987, 136, 191-194.	1.4	47
119	Birkhoff-type theorem for electromagnetic fields in self-creation cosmology. Astrophysics and Space Science, 1987, 134, 201-204.	1.4	21
120	Vacuum friedmann model in self-creation cosmology. Astrophysics and Space Science, 1987, 133, 189-191.	1.4	22
121	An anisotropic cosmological model in a scalar-tensor theory of gravitation. Astrophysics and Space Science, 1987, 135, 287-290.	1.4	0
122	Bianchi type-I vacuum model in self-creation cosmology. Astrophysics and Space Science, 1987, 132, 401-403.	1.4	14
123	Bianchi type-I Universe filled with disordered radiation in self-creation cosmology. Astrophysics and Space Science, 1987, 133, 389-392.	1.4	14
124	Self-gravitating fluid in a conformally-flat space-time. Astrophysics and Space Science, 1987, 138, 121-125.	1.4	1
125	A plane symmetric cosmological model in Lyra manifold. Astrophysics and Space Science, 1986, 123, 49-52.	1.4	32
126	Bianchi type-I Lyttleton-Bondi universe. Astrophysics and Space Science, 1986, 122, 231-234.	1.4	7

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127	Robertson-walker type Lyttleton-Bondi universe. Astrophysics and Space Science, 1986, 122, 263-265.	1.4	5
128	An exact solution in a scalar-tensor theory of gravitation. Acta Physica Hungarica, 1986, 60, 39-41.	0.1	3
129	An anisotropic cosmological model in Lyra's manifold. Astrophysics and Space Science, 1985, 114, 285-288.	1.4	11
130	Robertson-Walker type model with conformally invariant scalar field with trace-free energy momentum tensor. Astrophysics and Space Science, 1985, 117, 65-67.	1.4	7
131	Static plane-symmetric solution of a scalar-tensor theory of gravitation. Journal of the Australian Mathematical Society Series B Applied Mathematics, 1983, 24, 339-342.	0.2	2
132	Field of a charged particle in the presence of scalar meson fields in general relativity. Journal of the Australian Mathematical Society Series B Applied Mathematics, 1983, 24, 461-465.	0.2	11
133	Static conformally flat solutions in a general scalar-tensor theory of gravitation. General Relativity and Gravitation, 1982, 14, 1017-1022.	2.0	15
134	Field of a charged particle in Brans-Dicke theory of gravitation. Journal of Physics A, 1981, 14, 1973-1976.	1.6	28
135	Spherically symmetric static conformally flat solutions in Bransâ€“Dicke and Senâ€“Dunn theories of gravitation. Journal of Mathematical Physics, 1979, 20, 23-24.	1.1	19
136	Static conformally flat solution in a scalarâ€tensor theory of gravitation. Journal of Mathematical Physics, 1979, 20, 1413-1414.	1.1	1
137	Static plane-symmetric solutions in Brans-Dicke and Sen-Dunn theories of gravitation. Journal of Physics A, 1977, 10, 55-58.	1.6	10
138	On Birkhoff's theorem for electromagnetic fields in a scalar-tensor theory of gravitation. Journal of Physics A, 1977, 10, 185-188.	1.6	15
139	An approximate interior solution in Bransâ€Dicke theory. Journal of Mathematical Physics, 1974, 15, 1235-1237.	1.1	3
140	On Birkhoff's theorem in scalar-tensor theory of gravitation. Journal of Physics A: Mathematical Nuclear and General, 1973, 6, 1867-1870.	1.0	22
141	An Approximate Solution for the Static, Spherically Symmetric Metric Due to a Point Charged Mass in Bransâ€Dicke Theory. Journal of Mathematical Physics, 1972, 13, 708-709.	1.1	8
142	An Approximate Solution of the Vacuum Static Case of Spherical Symmetry in Bransâ€Dicke Theory. Journal of Mathematical Physics, 1971, 12, 929-932.	1.1	6