

Sunil Kumar Tripathy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/73868/publications.pdf>

Version: 2024-02-01

67
papers

1,526
citations

304743

22
h-index

345221

36
g-index

67
all docs

67
docs citations

67
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
19	Cosmological Models with Big Rip and Pseudo Rip Scenarios in Extended Theory of Gravity. Fortschritte Der Physik, 2021, 69, 2100086.	4.4	6
20	Matter bounce scenario and the dynamical aspects in Q gravity. Physics of the Dark Universe, 2021, 33, 100863.	4.9	27
21	Cosmological model with time varying deceleration parameter in F(R, G) gravity. Physica Scripta, 2021, 96, 125039.	2.5	8
22	Cosmological models with squared trace in modified gravity. International Journal of Modern Physics D, 2020, 29, 2050100.	2.1	11
23	Bouncing scenario in Brans-Dicke theory. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050056.	2.0	7
24	Bouncing scenario in f(R,T) gravity. Modern Physics Letters A, 2020, 35, 2050095.	1.2	38
25	Investigating the physical and geometrical parameters of the cosmological models with anisotropic background. Physica Scripta, 2020, 95, 095004.	2.5	8
26	Nuclear symmetry energy and neutron skin thickness of ^{208}Pb using a finite range effective interaction. Physica Scripta, 2020, 95, 105301.	2.5	6
27	Cosmic transit models in an extended gravity theory. Physica Scripta, 2020, 95, 115001.	2.5	10
28	Magnetized cosmological model with variable deceleration parameter. International Journal of Modern Physics D, 2020, 29, 2050091.	2.1	5
29	Axially magnetized dark energy cosmological model. Modern Physics Letters A, 2019, 34, 1950217.	1.2	11
30	Bouncing cosmology in an extended theory of gravity. European Physical Journal Plus, 2019, 134, 1.	2.6	32
31	Dynamics of anisotropic dark energy universe embedded in one-directional magnetized fluid. International Journal of Modern Physics D, 2019, 28, 1950093.	2.1	15
32	Cosmological models with a hybrid scale factor in an extended gravity theory. Modern Physics Letters A, 2018, 33, 1850052.	1.2	49
33	Bianchi-V string cosmological model with dark energy anisotropy. Astrophysics and Space Science, 2018, 363, 1.	1.4	41
34	Dynamical features of an anisotropic cosmological model. Indian Journal of Physics, 2018, 92, 1199-1206.	1.8	23
35	A periodic varying deceleration parameter in f(R, T) gravity. Modern Physics Letters A, 2018, 33, 1850193.	1.2	56
36	Anisotropic cosmological reconstruction in f(R, T) gravity. Modern Physics Letters A, 2018, 33, 1850170.	1.2	34

#	ARTICLE	IF	CITATIONS
37	Cosmic transit and anisotropic models in $f(R,T)$ gravity. Chinese Journal of Physics, 2017, 55, 862-869.	3.9	30
38	Two fluid anisotropic dark energy models in a scale invariant theory. European Physical Journal Plus, 2017, 132, 1.	2.6	14
39	Tryon's Conjecture and Energy and Momentum of Bianchi Type Universes. Advances in High Energy Physics, 2016, 2016, 1-9.	1.1	2
40	Dynamics of an Anisotropic Universe in $f(R,T)$ gravity. Chinese Journal of Physics, 2017, 55, 862-869.	3.9	30
41	Anisotropic solutions in $f(R)$ gravity. European Physical Journal Plus, 2016, 131, 1.	2.6	29
42	Density dependence of nuclear symmetry energy. Modern Physics Letters A, 2016, 31, 1650194.	1.2	2
43	Production of D-mesons in $p + p$ and $p + Pb$ collisions at LHC energies. International Journal of Modern Physics E, 2016, 25, 1650092.	1.0	2
44	Optical and electronic properties of some semiconductors from energy gaps. Optical Materials, 2016, 53, 123-133.	3.6	57
45	Kaluza-Klein cosmological model in $f(R,T)$ gravity with $\hat{\rho}(T)$. Indian Journal of Physics, 2016, 90, 485-493.	1.8	50
46	Energy and Momentum of Bianchi Type Universes. Advances in High Energy Physics, 2015, 2015, 1-8.	1.1	23
47	Cosmic acceleration and anisotropic models with magnetic field. European Physical Journal Plus, 2015, 130, 1.	2.6	9
48	Refractive indices of semiconductors from energy gaps. Optical Materials, 2015, 46, 240-246.	3.6	259
49	Anisotropic dark energy model with a hybrid scale factor. Modern Physics Letters A, 2015, 30, 1550175.	1.2	51
50	Pressure anisotropy and dark energy models in scale invariant theory of gravitation. Astrophysics and Space Science, 2015, 356, 163-171.	1.4	12
51	Late time acceleration and role of skewness in anisotropic models. Astrophysics and Space Science, 2014, 350, 367-374.	1.4	29
52	Bianchi-I Universe with Decaying Vacuum Energy Density and Time Varying Gravitational Constant. International Journal of Theoretical Physics, 2013, 52, 4218-4228.	1.2	10
53	An effective Nuclear Model: from Nuclear Matter to Finite Nuclei. Journal of Physics: Conference Series, 2013, 420, 012114.	0.4	3
54	Proton radioactivity half-lives with Skyrme interactions. European Physical Journal A, 2012, 48, 1.	2.5	21

#	ARTICLE	IF	CITATIONS
55	Anisotropic cosmological model with variable G and $\hat{\Lambda}$. Astrophysics and Space Science, 2012, 340, 211-215.	1.4	6
56	Neutron-proton effective mass splitting and thermal evolution in neutron-rich matter. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 115104.	3.6	25
57	Proton radioactivity with a Yukawa effective interaction. European Physical Journal A, 2011, 47, 1.	2.5	20
58	Anisotropic universe with cosmic strings and bulk viscosity. Astrophysics and Space Science, 2010, 325, 93-97.	1.4	41
59	Bianchi type-VI _h string cloud cosmological models with bulk viscosity. Astrophysics and Space Science, 2010, 330, 191-201.	1.4	3
60	Bulk Viscous Bianchi-III Models with Time Dependent G and $\hat{\Lambda}$. International Journal of Theoretical Physics, 2010, 49, 2569-2581.	1.2	10
61	Bulk viscous string cosmological models with electromagnetic field. Astrophysics and Space Science, 2009, 321, 247-252.	1.4	49
62	Time dependent viscous string cloud cosmological models. Astrophysics and Space Science, 2009, 323, 91-96.	1.4	6
63	Bulk viscous barotropic magnetised string cosmological models. Astrophysics and Space Science, 2009, 323, 281-287.	1.4	20
64	Massive String Cloud Cosmologies in Saez-Ballester Theory of Gravitation. International Journal of Theoretical Physics, 2009, 48, 213-225.	1.2	21
65	Temperature dependence of the nuclear symmetry energy and equation of state of charge neutral $n + p + e + \bar{\nu}_e$ matter in beta equilibrium. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 125105.	3.6	18
66	String cloud cosmologies for Bianchi type-III models with electromagnetic field. Astrophysics and Space Science, 2008, 315, 105-110.	1.4	24
67	String fluid cosmological models in general relativity. Astrophysics and Space Science, 2008, 318, 125-131.	1.4	12