

Sudipta Das

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

675
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Brans-Dicke scalar field as a chameleon. <i>Physical Review D</i> , 2008, 78, .	4.7	115
2	A parametric reconstruction of the deceleration parameter. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	72
3	Acceleration of the universe with a simple trigonometric potential. <i>General Relativity and Gravitation</i> , 2005, 37, 1695-1703.	2.0	64
4	A divergence-free parametrization of deceleration parameter for scalar field dark energy. <i>International Journal of Modern Physics D</i> , 2016, 25, 1650032.	2.1	56
5	Curvature-driven acceleration: a utopia or a reality?. <i>Classical and Quantum Gravity</i> , 2006, 23, 4159-4165.	4.0	55
6	Constraints on reconstructed dark energy model from SN Ia and BAO/CMB observations. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	46
7	An interacting scalar field and the recent cosmic acceleration. <i>General Relativity and Gravitation</i> , 2006, 38, 785-794.	2.0	39
8	Barrow holographic dark energy in a nonflat universe. <i>Physical Review D</i> , 2021, 104, .	4.7	36
9	Chameleon field and the late time acceleration of the Universe. <i>Pramana - Journal of Physics</i> , 2010, 74, 481-489.	1.8	32
10	Cosmic acceleration in non-canonical scalar field model: an interacting scenario. <i>Astrophysics and Space Science</i> , 2015, 355, 371-380.	1.4	23
11	Quintessence or phantom: Study of scalar field dark energy models through a general parametrization of the Hubble parameter. <i>Physics of the Dark Universe</i> , 2022, 36, 101037.	4.9	23
12	A LATE TIME ACCELERATION OF THE UNIVERSE WITH TWO SCALAR FIELDS: MANY POSSIBILITIES. <i>Modern Physics Letters A</i> , 2006, 21, 2663-2670.	1.2	21
13	An Interacting Model of Dark Energy in Brans-Dicke Theory. <i>Astrophysics and Space Science</i> , 2014, 351, 651-660.	1.4	18
14	Study of parametrized dark energy models with a general non-canonical scalar field. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	15
15	Study of non-canonical scalar field model using various parametrizations of dark energy equation of state. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	14
16	A new parametrization of dark energy equation of state leading to double exponential potential. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 131.	1.7	14
17	Can Neutrino Viscosity Drive the Late Time Cosmic Acceleration?. <i>International Journal of Theoretical Physics</i> , 2012, 51, 2771-2778.	1.2	10
18	Non-minimal quintessence with nearly flat potential. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 027-027.	5.4	9

#	ARTICLE	IF	CITATIONS
19	Generalized second law of thermodynamics for non-canonical scalar field model with corrected-entropy. European Physical Journal C, 2015, 75, 1.	3.9	9
20	Spintessence: A Possible Candidate as a Driver of the Late Time Cosmic Acceleration. Astrophysics and Space Science, 2006, 305, 25-27.	1.4	3
21	Growth of perturbations using Lambert W equation of state. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150139.	2.0	1