

Subhendra Mohanty

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

562
citations

687363

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27
all docs

27
docs citations

27
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of the NANOGrav result on primordial gravitational waves in nonstandard cosmologies. Physical Review D, 2021, 103, .	4.7	26
2	Constraints on long range force from perihelion precession of planets in a gauged $L_{\mu, \nu}$ scenario. European Physical Journal C, 2021, 81, 1.	3.9	18
3	Evidence of dark energy in different cosmological observations. European Physical Journal: Special Topics, 2021, 230, 2055-2066.	2.6	4
4	The accelerating universe: evidence and theories. European Physical Journal: Special Topics, 2021, 230, 2051-2053.	2.6	1
5	Supergravity Model of Inflation and Explaining IceCube HESE Data via PeV Dark Matter Decay. Advances in High Energy Physics, 2020, 2020, 1-14.	1.1	3
6	Constraints on ultralight axions from compact binary systems. Physical Review D, 2020, 101, .	4.7	35
7	Testing dark energy models in the light of σ_8 tension. European Physical Journal C, 2019, 79, 1.	3.9	40
8	Cutoff of IceCube neutrino spectrum due to t-channel resonant absorption by $\tilde{C}^{1/2}B$. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 041-041.	5.4	10
9	Vector gauge boson radiation from compact binary systems in a gauged $L_{\mu, \nu}$ scenario. Physical Review D, 2019, 100, .	4.7	38
10	Explanation of IceCube spectrum with $\hat{1}/2 \hat{\alpha}' 3\hat{1}/2$ neutrino splitting in a $\hat{1}/2 2HDM$ model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
11	Signature of light sterile neutrinos at IceCube. Physical Review D, 2018, 98, .	4.7	11
12	No-scale SUGRA inflation and Type-I seesaw. International Journal of Modern Physics A, 2018, 33, 1850127.	1.5	8
13	Constraints on cosmological viscosity and self-interacting dark matter from gravitational wave observations. Physical Review D, 2017, 95, .	4.7	28
14	Pseudo-Dirac neutrinos via a mirror world and depletion of ultrahigh energy neutrinos. Physical Review D, 2014, 89, .	4.7	20
15	NEUTRINO COUPLING TO COSMOLOGICAL BACKGROUND: A REVIEW ON GRAVITATIONAL BARYO/LEPTOGENESIS. International Journal of Modern Physics D, 2013, 22, 1330030.	2.1	56
16	Explanation for the Low Flux of High-Energy Astrophysical Muon Neutrinos. Physical Review Letters, 2013, 110, 171802.	7.8	43
17	CONSTRAINTS ON BACKGROUND TORSION FROM BIREFRINGENCE OF CMB POLARIZATION. International Journal of Modern Physics D, 2013, 22, 1350011.	2.1	12
18	Dark energy from neutrinos and standard model Higgs potential. Astroparticle Physics, 2012, 35, 629-633.	4.3	4

#	ARTICLE	IF	CITATIONS
19	Leptogenesis by curvature coupling of heavy neutrinos. <i>Physical Review D</i> , 2011, 84, .	4.7	13
20	Photon propagation in torsion background. <i>General Relativity and Gravitation</i> , 2009, 41, 1905-1908.	2.0	5
21	Non-Gaussianity as a signature of thermal initial condition of inflation. <i>Physical Review D</i> , 2009, 80, .	4.7	11
22	Imprint of spatial curvature on inflation power spectrum. <i>Physical Review D</i> , 2008, 78, .	4.7	13
23	Thermal effects in inflation power spectra. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 7113-7119.	2.1	0
24	Temperature of the Inflaton and Duration of Inflation from Wilkinson Microwave Anisotropy Probe Data. <i>Physical Review Letters</i> , 2006, 96, 121302.	7.8	50
25	Leptogenesis from Spin-Gravity Coupling following Inflation. <i>Physical Review Letters</i> , 2006, 96, 071302.	7.8	19
26	Enhanced Polarization of the Cosmic Microwave Background Radiation from Thermal Gravitational Waves. <i>Physical Review Letters</i> , 2006, 97, 251301.	7.8	63