Subhendra Mohanty

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10675963/publications.pdf

Version: 2024-02-01

26	562	687363	610901
papers	citations	13 h-index	24 g-index

27	27	27	572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Polarization of the Cosmic Microwave Background Radiation from Thermal Gravitational Waves. Physical Review Letters, 2006, 97, 251301.	7.8	63
2	NEUTRINO COUPLING TO COSMOLOGICAL BACKGROUND: A REVIEW ON GRAVITATIONAL BARYO/LEPTOGENESIS. International Journal of Modern Physics D, 2013, 22, 1330030.	2.1	56
3	Temperature of the Inflaton and Duration of Inflation from Wilkinson Microwave Anisotropy Probe Data. Physical Review Letters, 2006, 96, 121302.	7.8	50
4	Explanation for the Low Flux of High-Energy Astrophysical Muon Neutrinos. Physical Review Letters, 2013, 110, 171802.	7.8	43
5	Testing dark energy models in the light of $$sigma _8$$ Ïƒ 8 tension. European Physical Journal C, 2019, 79, 1.	3.9	40
6	Vector gauge boson radiation from compact binary systems in a gauged <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>L</mml:mi><mml:mi>Î¼</mml:mi></mml:msub><mml:mo>â^’</mml:mo><mml:msub><mml:mi	4.7	38
7	Constraints on ultralight axions from compact binary systems. Physical Review D, 2020, 101, .	4.7	35
8	Constraints on cosmological viscosity and self-interacting dark matter from gravitational wave observations. Physical Review D, 2017, 95, .	4.7	28
9	Implications of the NANOGrav result on primordial gravitational waves in nonstandard cosmologies. Physical Review D, 2021, 103, .	4.7	26
10	Pseudo-Dirac neutrinos via a mirror world and depletion of ultrahigh energy neutrinos. Physical Review D, 2014, 89, .	4.7	20
11	Leptogenesis from Spin-Gravity Coupling following Inflation. Physical Review Letters, 2006, 96, 071302.	7.8	19
12	Constraints on long range force from perihelion precession of planets in a gauged $$L_e-L_{mu ,au }$$ scenario. European Physical Journal C, 2021, 81, 1.	3.9	18
13	Imprint of spatial curvature on inflation power spectrum. Physical Review D, 2008, 78, .	4.7	13
14	Leptogenesis by curvature coupling of heavy neutrinos. Physical Review D, 2011, 84, .	4.7	13
15	CONSTRAINTS ON BACKGROUND TORSION FROM BIREFRINGENCE OF CMB POLARIZATION. International Journal of Modern Physics D, 2013, 22, 1350011.	2.1	12
16	Non-Gaussianity as a signature of thermal initial condition of inflation. Physical Review D, 2009, 80, .	4.7	11
17	Signature of light sterile neutrinos at IceCube. Physical Review D, 2018, 98, .	4.7	11
18	Cutoff of IceCube neutrino spectrum due to t-channel resonant absorption by CÎ½B. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 041-041.	5.4	10

#	Article	IF	Citations
19	No-scale SUGRA inflation and Type-I seesaw. International Journal of Modern Physics A, 2018, 33, 1850127.	1.5	8
20	Photon propagation in torsion background. General Relativity and Gravitation, 2009, 41, 1905-1908.	2.0	5
21	Explanation of IceCube spectrum with Î½ â†' 3Î½ neutrino splitting in a Î½2HDM model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
22	Dark energy from neutrinos and standard model Higgs potential. Astroparticle Physics, 2012, 35, 629-633.	4.3	4
23	Evidence of dark energy in different cosmological observations. European Physical Journal: Special Topics, 2021, 230, 2055-2066.	2.6	4
24	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
25	The accelerating universe: evidence and theories. European Physical Journal: Special Topics, 2021, 230, 2051-2053.	2.6	1
26	Thermal effects in inflation power spectra. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 7113-7119.	2.1	0