

# Tanmoy Paul

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

972  
citations

430874

18  
h-index

454955

30  
g-index

40  
all docs

40  
docs citations

40  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Different Faces of Generalized Holographic Dark Energy. <i>Symmetry</i> , 2021, 13, 928.	2.2	90
2	Barrow entropic dark energy: A member of generalized holographic dark energy family. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 825, 136844.	4.1	88
3	Unifying holographic inflation with holographic dark energy: A covariant approach. <i>Physical Review D</i> , 2020, 102, .	4.7	81
4	Inflationary universe in $F(R)$ gravity with antisymmetric tensor fields and their suppression during its evolution. <i>Physical Review D</i> , 2020, 102, .	4.7	57
5	Extended matter bounce scenario in ghost free $f(R)$ gravity compatible with GW170817. <i>Nuclear Physics B</i> , 2020, 954, 114984.	4.7	57
6	Inflation driven by Einstein-Gauss-Bonnet gravity. <i>Physical Review D</i> , 2018, 98, .	4.7	53
7	Early and late universe holographic cosmology from a new generalized entropy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 831, 137189.	4.1	53
8	Logarithmic-corrected $R^2$ gravity inflation in the presence of Kalb-Ramond fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 017-017.	5.4	45
9	Viable inflationary models in a ghost-free Gauss-Bonnet theory of gravity. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	44
10	From a bounce to the dark energy era with $F(R)$ gravity. <i>Classical and Quantum Gravity</i> , 2020, 37, 235005.	4.0	40
11	Towards a smooth unification from an ekpyrotic bounce to the dark energy era. <i>Physics of the Dark Universe</i> , 2022, 35, 100984.	4.9	30
12	Nonsingular bounce cosmology from Lagrange multiplier $F(R)$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 009.	4.7	24
13	Inflationary magnetogenesis with reheating phase from higher curvature coupling. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 009.	5.4	24
14	Inflationary scenario from higher curvature warped spacetime. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	22
15	Unifying an asymmetric bounce to the dark energy in Chern-Simons $F(R)$ gravity. <i>Physics of the Dark Universe</i> , 2021, 33, 100864.	4.9	22
16	Decoding the phases of early and late time reheating through imprints on primordial gravitational waves. <i>Physical Review D</i> , 2021, 104, .	4.7	22
17	Bouncing cosmology from warped extra dimensional scenario. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	19
18	Holographic correspondence of $F(R)$ gravity with/without matter fields. <i>Europhysics Letters</i> , 2019, 127, 20004.	2.0	19

#	ARTICLE	IF	CITATIONS
19	Bounce Universe with Finite-Time Singularity. Universe, 2022, 8, 292.	2.5	17
20	Radion stabilization in higher curvature warped spacetime. European Physical Journal C, 2018, 78, 1.	3.9	16
21	Fermion localization in higher curvature and scalar-tensor theories of gravity. European Physical Journal C, 2017, 77, 1.	3.9	13
22	Scalar field collapse in Gauss-Bonnet gravity. European Physical Journal C, 2018, 78, 1.	3.9	13
23	Bottom-up reconstruction of non-singular bounce in F(R) gravity from observational indices. Nuclear Physics B, 2020, 959, 115159.	2.5	13
24	Bouncing cosmology in a curved braneworld. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 041-041.	5.4	12
25	Effective theory of inflationary magnetogenesis and constraints on reheating. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 045.	5.4	12
26	Graviton Kaluza-Klein modes in nonflat branes with stabilized modulus. Physical Review D, 2016, 93, .	4.7	11
27	Invisibility of antisymmetric tensor fields in the light of F(R) gravity. Physical Review D, 2018, 98, .	4.7	11
28	Dynamical suppression of spacetime torsion. European Physical Journal C, 2019, 79, 1.	3.9	11
29	Viable non-singular cosmic bounce in holonomy improved F(R) gravity endowed with a Lagrange multiplier. European Physical Journal C, 2020, 80, 1.	3.9	11
30	The effect of thermal radiation on singularities in the dark universe. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150113.	2.0	8
31	Fermion localization in a backreacted warped spacetime. Physical Review D, 2017, 95, .	4.7	6
32	Antisymmetric Tensor Fields in Modified Gravity: A Summary. Symmetry, 2020, 12, 1573.	2.2	6
33	Helical magnetogenesis with reheating phase from higher curvature coupling and baryogenesis. Physics of the Dark Universe, 2022, 36, 101025.	4.9	6
34	Electromagnetic effect on scalar field collapse in higher curvature gravity. General Relativity and Gravitation, 2019, 51, 1.	2.0	5
35	Cosmological quantum entanglement: a possible testbed for the existence of Kalb-Ramond field. Classical and Quantum Gravity, 2020, 37, 135013.	4.0	5
36	Radion tunneling in modified theories of gravity. European Physical Journal C, 2018, 78, 1.	3.9	4

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37	Critical analysis of modulus stabilization in a higher dimensional $F(R)$ gravity. Physical Review D, 2021, 104, .	4.7	2
38	A possible testbed for warped extra dimension from the angle of Buchdahl's limit. European Physical Journal C, 2018, 78, 1.	3.9	1
39	Scaloron tunneling and the fate of antisymmetric tensor fields in $F(R)$ gravity. Classical and Quantum Gravity, 2020, 37, 225012.	4.0	1
40	Viable Requirements of Curvature Coupling Helical Magnetogenesis Scenario. Symmetry, 2022, 14, 1086.	2.2	1