

Aninda Sinha

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,816
citations

136950

32
h-index

118850

62
g-index

71
all docs

71
docs citations

71
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Holographic c-theorems in arbitrary dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	421
2	Holographic GB gravity in arbitrary dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	260
3	Seeing a c-theorem with holography. Physical Review D, 2010, 82, .	4.7	223
4	Beyond $\hat{c} = 1/4\epsilon$. Journal of High Energy Physics, 2009, 2009, 084-084.	4.7	222
5	Holographic studies of quasi-topological gravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	147
6	Holographic hydrodynamics with a chemical potential. Journal of High Energy Physics, 2009, 2009, 006-006.	4.7	126
7	Conformal Bootstrap in Mellin Space. Physical Review Letters, 2017, 118, 081601.	7.8	126
8	A Mellin space approach to the conformal bootstrap. Journal of High Energy Physics, 2017, 2017, 1.	4.7	126
9	On the new massive gravity and AdS/CFT. Journal of High Energy Physics, 2010, 2010, 1.	4.7	116
10	Universal holographic hydrodynamics at finite coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 364-370.	4.1	109
11	Circuit complexity in interacting QFTs and RG flows. Journal of High Energy Physics, 2018, 2018, 1.	4.7	109
12	Quantum corrections to \hat{c} . Physical Review D, 2009, 79, .	4.7	97
13	Nonclassical Paths in Quantum Interference Experiments. Physical Review Letters, 2014, 113, 120406.	7.8	81
14	Analytic bootstrap at large spin. Journal of High Energy Physics, 2015, 2015, 1.	4.7	81
15	Universal anomalous dimensions at large spin and large twist. Journal of High Energy Physics, 2015, 2015, 1.	4.7	80
16	$1/N$ effects in non-relativistic gauge-gravity duality. Journal of High Energy Physics, 2009, 2009, 097-097.	4.7	75
17	Crossing Symmetric Dispersion Relations in Quantum Field Theories. Physical Review Letters, 2021, 126, 181601.	7.8	69
18	Entanglement entropy in higher derivative holography. Journal of High Energy Physics, 2013, 2013, 1.	4.7	68

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19	Mellin space bootstrap for global symmetry. Journal of High Energy Physics, 2017, 2017, 1.	4.7	65
20	On generalized gravitational entropy, squashed cones and holography. Journal of High Energy Physics, 2014, 2014, 1.	4.7	64
21	A strongly coupled anisotropic fluid from dilaton driven holography. Journal of High Energy Physics, 2015, 2015, 1.	4.7	61
22	On the Polyakov-Mellin bootstrap. Journal of High Energy Physics, 2018, 2018, 1.	4.7	58
23	The viscosity bound in string theory. Nuclear Physics A, 2009, 830, 295c-298c.	1.5	54
24	Does a Kalb-Ramond field make spacetime optically active?. European Physical Journal C, 2002, 23, 357-361.	3.9	53
25	Renormalized Circuit Complexity. Physical Review Letters, 2020, 124, 101602.	7.8	50
26	Simplifying large spin bootstrap in Mellin space. Journal of High Energy Physics, 2018, 2018, 1.	4.7	44
27	Holographic quantum liquids in 1+1 dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	40
28	On the superposition principle in interference experiments. Scientific Reports, 2015, 5, 10304.	3.3	40
29	Extremal single-charge small black holes: entropy function analysis. Classical and Quantum Gravity, 2006, 23, 3305-3322.	4.0	37
30	The fast life of holographic mesons. Journal of High Energy Physics, 2008, 2008, 052-052.	4.7	36
31	Constraining gravity using entanglement in AdS/CFT. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
32	Warped tachyonic inflation in type-IIB flux compactifications and the open-string completeness conjecture. Journal of High Energy Physics, 2005, 2005, 106-106.	4.7	32
33	Relative entropy in scattering and the S-matrix bootstrap. SciPost Physics, 2020, 9, .	4.9	32
34	New Massive Gravity and AdS_4 Counterterms. Physical Review Letters, 2011, 106, 171601.	4.7	31
35	On higher derivative gravity, c -theorems and cosmology. Classical and Quantum Gravity, 2011, 28, 085002.	4.0	31
36	Crossing Symmetric Dispersion Relations for Mellin Amplitudes. Physical Review Letters, 2021, 126, 211602.	7.8	31

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37	On quark masses in holographic QCD. Journal of High Energy Physics, 2008, 2008, 056-056.	4.7	30
38	Quantum field theory and the Bieberbach conjecture. SciPost Physics, 2021, 11, .	4.9	30
39	Non-relativistic metrics with extremal limits. Journal of High Energy Physics, 2009, 2009, 096-096.	4.7	28
40	Holographic stress tensor at finite coupling. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
41	On critical exponents without Feynman diagrams. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445401.	2.1	25
42	On the plane-wave cubic vertex. Physical Review D, 2004, 70, .	4.7	23
43	Crossing symmetry, transcendentality and the Regge behaviour of 1d CFTs. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
44	Fermion helicity flip by parity violating torsion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 109-113.	4.1	22
45	On the exact open-closed vertex in plane-wave light-cone string field theory. Physical Review D, 2004, 69, .	4.7	21
46	Two-charge small black hole entropy: string-loops and multi-strings. Journal of High Energy Physics, 2006, 2006, 034-034.	4.7	21
47	Oblique and curved D-branes in IIB plane-wave string theory. Journal of High Energy Physics, 2003, 2003, 052-052.	4.7	20
48	Cavitation in holographic sQGP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 144-150.	4.1	20
49	Selection rules for the S-Matrix bootstrap. SciPost Physics, 2021, 10, .	4.9	20
50	QFT, EFT and GFT. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
51	At the horizon of a supersymmetric AdS5 black hole: Isometries and half-BPS giants. Journal of High Energy Physics, 2007, 2007, 087-087.	4.7	16
52	Entropy functionals and $\langle c \rangle$ -theorems from the second law. Physical Review D, 2016, 93, .	4.7	16
53	Froissart bound for/from CFT Mellin amplitudes. SciPost Physics, 2020, 8, .	4.9	15
54	Counterterms, critical gravity, and holography. Physical Review D, 2012, 85, .	4.7	13

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55	Non-perturbative contributions to the plane-wave string mass matrix. <i>Journal of High Energy Physics</i> , 2005, 2005, 055-055.	4.7	12
56	Black hole giants. <i>Journal of High Energy Physics</i> , 2007, 2007, 006-006.	4.7	12
57	Nonlinear constraints on gravity from entanglement. <i>Classical and Quantum Gravity</i> , 2015, 32, 065006.	4.0	10
58	c-theorems in arbitrary dimensions. <i>Physical Review D</i> , 2012, 86, .	4.7	8
59	The effect of environmental coupling on tunneling of quasiparticles in Josephson junctions. <i>Superconductor Science and Technology</i> , 2013, 26, 125013.	3.5	8
60	Non-relativistic metrics from back-reacting fermions. <i>Classical and Quantum Gravity</i> , 2011, 28, 015013.	4.0	7
61	Entanglement entropy from the holographic stress tensor. <i>Classical and Quantum Gravity</i> , 2013, 30, 235032.	4.0	7
62	Tadpole Analysis of Orientifolded Plane-Waves. <i>Journal of High Energy Physics</i> , 2002, 2002, 026-026.	4.7	6
63	Improvements to the Froissart bound from AdS/CFT. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 746, 285-292.	4.1	6
64	Positive geometry in the diagonal limit of the conformal bootstrap. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	6
65	ENTANGLEMENT ENTROPY FROM SURFACE TERMS IN GENERAL RELATIVITY. <i>International Journal of Modern Physics D</i> , 2013, 22, 1342020.	2.1	4
66	Non-perturbative effects in the BMN limit of Script N=4 supersymmetric Yang-Mills. <i>Journal of High Energy Physics</i> , 2005, 2005, 038-038.	4.7	3
67	Mixing of the RR and NSNS sectors in the Berenstein-Maldacena-Nastase limit. <i>Physical Review D</i> , 2006, 73, .	4.7	3
68	Quantum corrections to screening at strong coupling. <i>Nuclear Physics B</i> , 2012, 864, 167-189.	2.5	3
69	Improving high- T_c SQUID performance by means of junction asymmetry. <i>Superconductor Science and Technology</i> , 2009, 22, 055002.	3.5	2
70	Implications of a viscosity bound on black hole accretion. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 709, 289-292.	4.1	2
71	AdS/CFT and sQGP. <i>Nuclear Physics A</i> , 2011, 862-863, 168-173.	1.5	1