

# 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	Crossing Symmetric Dispersion Relations in Quantum Field Theories. Physical Review Letters, 2021, 126, 181601.	7.8	69
2	Crossing Symmetric Dispersion Relations for Mellin Amplitudes. Physical Review Letters, 2021, 126, 211602.	7.8	31
3	Selection rules for the S-Matrix bootstrap. SciPost Physics, 2021, 10, .	4.9	20
4	Quantum field theory and the Bieberbach conjecture. SciPost Physics, 2021, 11, .	4.9	30
5	QFT, EFT and GFT. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
6	Crossing symmetry, transcendentality and the Regge behaviour of 1d CFTs. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
7	Renormalized Circuit Complexity. Physical Review Letters, 2020, 124, 101602.	7.8	50
8	Froissart bound for/from CFT Mellin amplitudes. SciPost Physics, 2020, 8, .	4.9	15
9	Relative entropy in scattering and the S-matrix bootstrap. SciPost Physics, 2020, 9, .	4.9	32
10	Positive geometry in the diagonal limit of the conformal bootstrap. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
11	Simplifying large spin bootstrap in Mellin space. Journal of High Energy Physics, 2018, 2018, 1.	4.7	44
12	On the Polyakov-Mellin bootstrap. Journal of High Energy Physics, 2018, 2018, 1.	4.7	58
13	Circuit complexity in interacting QFTs and RG flows. Journal of High Energy Physics, 2018, 2018, 1.	4.7	109
14	Conformal Bootstrap in Mellin Space. Physical Review Letters, 2017, 118, 081601.	7.8	126
15	A Mellin space approach to the conformal bootstrap. Journal of High Energy Physics, 2017, 2017, 1.	4.7	126
16	Mellin space bootstrap for global symmetry. Journal of High Energy Physics, 2017, 2017, 1.	4.7	65
17	On critical exponents without Feynman diagrams. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445401.	2.1	25
18	Entropy functionals and $\langle c \rangle$ -theorems from the second law. Physical Review D, 2016, 93, .	4.7	16

#	ARTICLE	IF	CITATIONS
19	Analytic bootstrap at large spin. Journal of High Energy Physics, 2015, 2015, 1.	4.7	81
20	Universal anomalous dimensions at large spin and large twist. Journal of High Energy Physics, 2015, 2015, 1.	4.7	80
21	Improvements to the Froissart bound from AdS/CFT. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 285-292.	4.1	6
22	Nonlinear constraints on gravity from entanglement. Classical and Quantum Gravity, 2015, 32, 065006.	4.0	10
23	A strongly coupled anisotropic fluid from dilaton driven holography. Journal of High Energy Physics, 2015, 2015, 1.	4.7	61
24	On the superposition principle in interference experiments. Scientific Reports, 2015, 5, 10304.	3.3	40
25	On generalized gravitational entropy, squashed cones and holography. Journal of High Energy Physics, 2014, 2014, 1.	4.7	64
26	Nonclassical Paths in Quantum Interference Experiments. Physical Review Letters, 2014, 113, 120406.	7.8	81
27	Constraining gravity using entanglement in AdS/CFT. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
28	Holographic stress tensor at finite coupling. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
29	Entanglement entropy in higher derivative holography. Journal of High Energy Physics, 2013, 2013, 1.	4.7	68
30	ENTANGLEMENT ENTROPY FROM SURFACE TERMS IN GENERAL RELATIVITY. International Journal of Modern Physics D, 2013, 22, 1342020.	2.1	4
31	The effect of environmental coupling on tunneling of quasiparticles in Josephson junctions. Superconductor Science and Technology, 2013, 26, 125013.	3.5	8
32	Entanglement entropy from the holographic stress tensor. Classical and Quantum Gravity, 2013, 30, 235032.	4.0	7
33	Counterterms, critical gravity, and holography. Physical Review D, 2012, 85, .	4.7	13
34	c-theorems in arbitrary dimensions. Physical Review D, 2012, 86, .	4.7	8
35	Quantum corrections to screening at strong coupling. Nuclear Physics B, 2012, 864, 167-189.	2.5	3
36	Implications of a viscosity bound on black hole accretion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 289-292.	4.1	2

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37	New Massive Gravity and $\text{AdS}_4$ Counterterms. Physical Review Letters, 2011, 106, 171601.	4.8	31
38	Holographic c-theorems in arbitrary dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	421
39	AdS/CFT and sQGP. Nuclear Physics A, 2011, 862-863, 168-173.	1.5	1
40	Cavitation in holographic sQGP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 144-150.	4.1	20
41	Non-relativistic metrics from back-reacting fermions. Classical and Quantum Gravity, 2011, 28, 015013.	4.0	7
42	On higher derivative gravity, $c$ -theorems and cosmology. Classical and Quantum Gravity, 2011, 28, 085002.	4.0	31
43	Holographic quantum liquids in 1+1 dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	40
44	Holographic GB gravity in arbitrary dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	260
45	On the new massive gravity and AdS/CFT. Journal of High Energy Physics, 2010, 2010, 1.	4.7	116
46	Holographic studies of quasi-topological gravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	147
47	Seeing a c-theorem with holography. Physical Review D, 2010, 82, .	4.7	223
48	Non-relativistic metrics with extremal limits. Journal of High Energy Physics, 2009, 2009, 096-096.	4.7	28
49	$1/N$ effects in non-relativistic gauge-gravity duality. Journal of High Energy Physics, 2009, 2009, 097-097.	4.7	75
50	Holographic hydrodynamics with a chemical potential. Journal of High Energy Physics, 2009, 2009, 006-006.	4.7	126
51	Improving high- $T_c$ SQUID performance by means of junction asymmetry. Superconductor Science and Technology, 2009, 22, 055002.	3.5	2
52	The viscosity bound in string theory. Nuclear Physics A, 2009, 830, 295c-298c.	1.5	54
53	Quantum corrections to $\hat{s}$ . Physical Review D, 2009, 79, .	4.7	97
54	Beyond $\hat{s} = 1/4\epsilon$ . Journal of High Energy Physics, 2009, 2009, 084-084.	4.7	222

#	ARTICLE	IF	CITATIONS
55	Universal holographic hydrodynamics at finite coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 364-370.	4.1	109
56	On quark masses in holographic QCD. Journal of High Energy Physics, 2008, 2008, 056-056.	4.7	30
57	The fast life of holographic mesons. Journal of High Energy Physics, 2008, 2008, 052-052.	4.7	36
58	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
59	Black hole giants. Journal of High Energy Physics, 2007, 2007, 006-006.	4.7	12
60	Mixing of the RR and NSNS sectors in the Berenstein-Maldacena-Nastase limit. Physical Review D, 2006, 73, .	4.7	3
61	Two-charge small black hole entropy: string-loops and multi-strings. Journal of High Energy Physics, 2006, 2006, 034-034.	4.7	21
62	Extremal single-charge small black holes: entropy function analysis. Classical and Quantum Gravity, 2006, 23, 3305-3322.	4.0	37
63	Non-perturbative contributions to the plane-wave string mass matrix. Journal of High Energy Physics, 2005, 2005, 055-055.	4.7	12
64	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
65	Non-perturbative effects in the BMN limit of Script N=4 supersymmetric Yang-Mills. Journal of High Energy Physics, 2005, 2005, 038-038.	4.7	3
66	On the plane-wave cubic vertex. Physical Review D, 2004, 70, .	4.7	23
67	On the exact open-closed vertex in plane-wave light-cone string field theory. Physical Review D, 2004, 69, .	4.7	21
68	Oblique and curved D-branes in IIB plane-wave string theory. Journal of High Energy Physics, 2003, 2003, 052-052.	4.7	20
69	Tadpole Analysis of Orientifolded Plane-Waves. Journal of High Energy Physics, 2002, 2002, 026-026.	4.7	6
70	Does a Kalb-Ramond field make spacetime optically active?. European Physical Journal C, 2002, 23, 357-361.	3.9	53
71	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