

Suvankar Dutta

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

611
citations

933447

10
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrodynamics from charged black branes. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	328
2	Dyonic black hole and holography. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	52
3	Constraints on anomalous fluid in arbitrary dimensions. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	38
4	Free fermions and thermal AdS/CFT. <i>Journal of High Energy Physics</i> , 2008, 2008, 011-011.	4.7	26
5	Moduli and electromagnetic black brane holography. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	17
6	Null fluids: A new viewpoint of Galilean fluids. <i>Physical Review D</i> , 2016, 93, .	4.7	16
7	Equilibrium partition function for nonrelativistic fluids. <i>Physical Review D</i> , 2015, 92, .	4.7	15
8	Entropy current for non-relativistic fluid. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	14
9	Phase transition of electrically charged Ricci-flat black holes. <i>Journal of High Energy Physics</i> , 2007, 2007, 047-047.	4.7	12
10	Nonlinear hydrodynamics from flow of retarded Green's function. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	11
11	Near horizon data and physical charges of extremal AdS black holes. <i>Nuclear Physics B</i> , 2011, 853, 63-79.	2.5	10
12	Phase space distribution of Riemann zeros. <i>Journal of Mathematical Physics</i> , 2017, 58, 053504.	1.1	7
13	Emergent phase space description of unitary matrix model. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	7
14	From phase space to integrable representations and level-rank duality. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	7
15	Chern-Simons theory on Seifert manifold and matrix model. <i>Physical Review D</i> , 2019, 100, .	4.7	7
16	The geometry and phase structure of non-relativistic branes. <i>Classical and Quantum Gravity</i> , 2011, 28, 165002.	4.0	6
17	First order Galilean superfluid dynamics. <i>Physical Review D</i> , 2017, 96, .	4.7	6
18	String theory corrections to holographic black hole chemistry. <i>Physical Review D</i> , 2022, 106, .	4.7	6

#	ARTICLE	IF	CITATIONS
19	Higher derivative corrections to charged fluids in 2n dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
20	Phase space distribution for two-gap solution in unitary matrix model. Journal of High Energy Physics, 2016, 2016, 1-64.	4.7	4
21	Quantum mechanics of Plancherel growth. Nuclear Physics B, 2021, 966, 115368.	2.5	4
22	Light-cone reduction vs. TsT transformations: a fluid dynamics perspective. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
23	Interactions between AdS black hole molecules. Physical Review D, 2021, 104, .	4.7	3
24	The fate of flat directions in higher derivative gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	2
25	New phase in Chern-Simons theory on lens space. Physical Review D, 2021, 104, .	4.7	2
26	Holographic constraints on generalized Rivlin-Ericksen fluid. Physical Review D, 2021, 103, .	4.7	1
27	Bhargava's cube and black hole charges. Research in Mathematical Sciences, 2021, 8, 1.	1.0	1
28	From 2d droplets to 2d Yang-Mills. Nuclear Physics B, 2022, 974, 115648.	2.5	1
29	Large N correlators of Chern-Simons theory in lens spaces. Physical Review D, 2022, 106, .	4.7	1
30	A unitary matrix model for q-deformed Plancherel growth. Nuclear Physics B, 2021, 971, 115531.	2.5	0