

Shibaji Roy

List of Publications by Year in descending order

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51
docs citations

51
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating cosmologies from M/String theory compactifications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 567, 322-329.	4.1	102
2	On supergravity solutions of space-like Dp-branes. Journal of High Energy Physics, 2002, 2002, 025-025.	4.7	45
3	Lifshitz-like space-time from intersecting branes in string/M theory. Journal of High Energy Physics, 2012, 2012, 1.	4.7	38
4	Non-threshold (F, Dp) bound states. Nuclear Physics B, 1999, 560, 181-206.	2.5	35
5	Phase transitions and critical behavior of black branes in canonical ensemble. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
6	Topological shadows and complexity of islands in multiboundary wormholes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	31
7	An $SL(2, Z)$ multiplet of type IIB super five-branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 289-296.	4.1	23
8	Lifshitz metric with hyperscaling violation from NS5-Dp states in string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 419-423.	4.1	20
9	Entanglement entropy and subregion complexity in thermal perturbations around pure AdS spacetime. Physical Review D, 2019, 100, .	4.7	20
10	Entanglement thermodynamics for an excited state of Lifshitz system. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
11	Time dependent supergravity solutions in arbitrary dimensions. Journal of High Energy Physics, 2003, 2003, 015-015.	4.7	16
12	Drag force in a hot non-relativistic, non-commutative Yang-Mills plasma. Journal of High Energy Physics, 2010, 2010, 1.	4.7	16
13	(NS5,Dp) and (NS5,D(p+2),Dp) bound states of type IIB and type IIA string theories. Journal of High Energy Physics, 2001, 2001, 026-026.	4.7	15
14	Holography and drag force in thermal plasma of non-commutative Yang-Mills theories in diverse dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 93-97.	4.1	15
15	Intersecting D-branes and Lifshitz-like space-time. Physical Review D, 2012, 86, .	4.7	14
16	(F,D5) bound state, $SL(2,Z)$ invariance and the descendant states in type IIB and type IIA string theory. Physical Review D, 1999, 60, .	4.7	12
17	Supergravity approach to tachyon condensation on the brane-anti-brane system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 313-318.	4.1	12
18	The enriched phase structure of black branes in canonical ensemble. Nuclear Physics B, 2012, 854, 913-925.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Zero sound in strange metals with hyperscaling violation from holography. Physical Review D, 2013, 88, .	4.7	11
20	Intersecting non-SUSY branes and closed string tachyon condensation. Nuclear Physics B, 2009, 813, 259-282.	2.5	10
21	Phase structure of black branes in grand canonical ensemble. Journal of High Energy Physics, 2011, 2011, 1.	4.7	9
22	Decoupling limit and throat geometry of non-susy D3 brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 192-195.	4.1	9
23	Tachyon condensation on the intersecting brane-antibrane system. Journal of High Energy Physics, 2005, 2005, 068-068.	4.7	8
24	On brane-antibrane forces. Journal of High Energy Physics, 2007, 2007, 042-042.	4.7	8
25	Intersecting non-SUSY p-brane with chargeless 0-brane as black p-brane. Journal of High Energy Physics, 2007, 2007, 094-094.	4.7	7
26	Origin of the geometric tachyon. Physical Review D, 2008, 78, .	4.7	7
27	From AdS to Schrödinger/Lifshitz dual space-times without or with hyperscaling violation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
28	Holographic entanglement entropy and entanglement thermodynamics of black non-susy D3 brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 232-237.	4.1	7
29	On S DUALITY OF TOROIDALLY COMPACTIFIED TYPE IIB STRING EFFECTIVE ACTION. International Journal of Modern Physics A, 1998, 13, 4445-4467.	1.5	6
30	Non-SUSY p-branes delocalized in two directions, tachyon condensation and T-duality. Journal of High Energy Physics, 2005, 2005, 026-026.	4.7	6
31	Space-like branes, accelerating cosmologies and the near 'horizon' limit. Journal of High Energy Physics, 2006, 2006, 024-024.	4.7	6
32	Wilson loops in noncommutative Yang-Mills theory using gauge/gravity duality. Nuclear Physics B, 2012, 862, 650-670.	2.5	6
33	Fundamental strings and NS5-branes from unstable D-branes in supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 637, 326-330.	4.1	5
34	Decoupling of gravity on non-susy Dp branes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
35	Wilson loops in $\mathcal{N}=4$ supersymmetric Yang-Mills theory using gauge/gravity duality. Nuclear Physics B, 2012, 862, 650-670.	2.5	4
36	Holographic entanglement entropy of the near horizon $\mathcal{N}=4$ supersymmetric Yang-Mills theory. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4

#	ARTICLE	IF	CITATIONS
37	Interpolating solution from AdS5 to hyperscaling violating Lifshitz spacetime. Physical Review D, 2015, 91, .	4.7	4
38	Holographic entanglement entropy, subregion complexity and Fisher information metric of $\hat{\text{black}}^{\text{TM}}$ non-susy D3 brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135032.	4.1	4
39	Proper acceleration, the geometric tachyon and the dynamics of a fundamental string near D p branes. Classical and Quantum Gravity, 2009, 26, 055004.	4.0	3
40	Calculating the jet quenching parameter in the plasma of noncommutative Yang-Mills theory from gauge/gravity duality. Physical Review D, 2012, 85, .	4.7	3
41	Wilson loop calculation in QGP using non-supersymmetric AdS/CFT. Nuclear Physics B, 2018, 937, 196-213.	2.5	3
42	Non-SUSY p-branes, bubbles and tubular branes. Nuclear Physics B, 2007, 763, 170-182.	2.5	2
43	Non-supersymmetric D1/D5, F/NS5 and closed string tachyon condensation. Nuclear Physics B, 2009, 819, 282-305.	2.5	2
44	Space-like Dp branes: accelerating cosmologies versus conformally de Sitter space-time. Journal of High Energy Physics, 2015, 2015, 1.	4.7	2
45	Conformally de Sitter space from anisotropic space-like D3-brane of type IIB string theory. Physical Review D, 2014, 89, .	4.7	1
46	Modification of the phase structure of black D6 branes in a canonical ensemble and its origin. Physical Review D, 2014, 90, .	4.7	1
47	Non-susy D3 brane and an interpolating solution between AdS5 black hole, AdS5 soliton and a $\hat{\text{soft-wall}}^{\text{TM}}$ gravity solution. Journal of High Energy Physics, 2015, 2015, 1.	4.7	1
48	On 1/4 BPS ((F, D1), (NS5, D5)) bound states of type IIB string theory. Journal of High Energy Physics, 2017, 2017, 1.	4.7	1
49	Remarks on the instability of black Dp-branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 686, 254-258.	4.1	0
50	Anisotropic SD2 brane: accelerating cosmology and Kasner-like space-time from compactification. European Physical Journal C, 2017, 77, 1.	3.9	0
51	Finite temperature $\hat{\text{+}}$ glueball spectrum from non-susy D3 brane of Type IIB string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 137009.	4.1	0