

Shamit Kachru

List of Publications by Year in descending order

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92
papers

11,988
citations

57758

44
h-index

51608

86
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92
all docs

92
docs citations

92
times ranked

2874
citing authors

#	ARTICLE	IF	CITATIONS
1	de Sitter vacua in string theory. <i>Physical Review D</i> , 2003, 68, .	4.7	2,194
2	Hierarchies from fluxes in string compactifications. <i>Physical Review D</i> , 2002, 66, .	4.7	1,292
3	Towards inflation in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 013-013.	5.4	958
4	Flux compactification. <i>Reviews of Modern Physics</i> , 2007, 79, 733-796.	45.6	635
5	4D Conformal Field Theories and Strings on Orbifolds. <i>Physical Review Letters</i> , 1998, 80, 4855-4858.	7.8	534
6	Gravity duals of Lifshitz-like fixed points. <i>Physical Review D</i> , 2008, 78, .	4.7	534
7	Exact results for $N = 2$ compactifications of heterotic strings. <i>Nuclear Physics B</i> , 1995, 450, 69-89.	2.5	360
8	Brane/flux annihilation and the string dual of a non-supersymmetric field theory. <i>Journal of High Energy Physics</i> , 2002, 2002, 021-021.	4.7	326
9	Moduli stabilization from fluxes in a simple IIB orientifold. <i>Journal of High Energy Physics</i> , 2003, 2003, 007-007.	4.7	272
10	Self-tuning flat domain walls in 5D gravity and string theory. <i>Physical Review D</i> , 2000, 62, .	4.7	269
11	New supersymmetric string compactifications. <i>Journal of High Energy Physics</i> , 2003, 2003, 061-061.	4.7	258
12	Probing Inflation with CMB Polarization. , 2009, , .		252
13	Aspects of holography for theories with hyperscaling violation. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	244
14	Holography of charged dilaton black holes. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	230
15	Non-perturbative results on the point particle limit of $N = 2$ heterotic string compactifications. <i>Nuclear Physics B</i> , 1996, 459, 537-555.	2.5	213
16	D -Brane Instantons in Type II Orientifolds. <i>Annual Review of Nuclear and Particle Science</i> , 2009, 59, 269-296.	10.2	188
17	Inflationary constraints on type IIA string theory. <i>Journal of High Energy Physics</i> , 2007, 2007, 095-095.	4.7	186
18	Holography of dyonic dilaton black branes. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	149

#	ARTICLE	IF	CITATIONS
19	Stringy instantons and quiver gauge theories. Journal of High Energy Physics, 2007, 2007, 024-024.	4.7	147
20	Open string instantons and superpotentials. Physical Review D, 2000, 62, .	4.7	139
21	Metastable vacua and D-branes at the conifold. Journal of High Energy Physics, 2007, 2007, 017-017.	4.7	132
22	Physics of String Flux Compactifications. Annual Review of Nuclear and Particle Science, 2007, 57, 119-144.	10.2	127
23	Flux Compactifications on Calabi-Yau Threefolds. Journal of High Energy Physics, 2004, 2004, 003-003.	4.7	119
24	The Giant Inflaton. Journal of High Energy Physics, 2004, 2004, 017-017.	4.7	109
25	Enumerating Flux Vacua with Enhanced Symmetries. Journal of High Energy Physics, 2005, 2005, 037-037.	4.7	97
26	Heterotic moduli stabilization with fractional Chern-Simons invariants. Physical Review D, 2004, 69, .	4.7	84
27	Vacuum energy cancellation in a nonsupersymmetric string. Physical Review D, 1999, 59, .	4.7	80
28	Supersymmetric three-cycles and (super)symmetry breaking. Physical Review D, 1999, 61, .	4.7	80
29	Moduli Potentials in Type IIA Compactifications with RR and NS Flux. Journal of High Energy Physics, 2005, 2005, 066-066.	4.7	77
30	Non-Fermi-liquid fixed point in a Wilsonian theory of quantum critical metals. Physical Review B, 2013, 88, .	3.2	75
31	Holographic systematics of D-brane inflation. Journal of High Energy Physics, 2009, 2009, 093-093.	4.7	72
32	Sequestering in string theory. Journal of High Energy Physics, 2007, 2007, 013-013.	4.7	70
33	Non-Fermi-liquid behavior of large- N BC critical metals. Physical Review B, 2014, 89, .		
34	Bianchi attractors: a classification of extremal black brane geometries. Journal of High Energy Physics, 2012, 2012, 1.	4.7	69
35	Universal bounds on charged states in 2d CFT and 3d gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	63
36	Mirror symmetry for open strings. Physical Review D, 2000, 62, .	4.7	62

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37	Nonsupersymmetric Dualities from Mirror Symmetry. <i>Physical Review Letters</i> , 2017, 118, 011602.	7.8	58
38	A Comment on Effective Field Theories of Flux Vacua. <i>Fortschritte Der Physik</i> , 2019, 67, 1800086.	4.4	58
39	Mirror symmetry and the half-filled Landau level. <i>Physical Review B</i> , 2015, 92, .	3.2	54
40	Geometric transitions and dynamical SUSY breaking. <i>Nuclear Physics B</i> , 2008, 796, 1-24.	2.5	51
41	Extremal horizons with reduced symmetry: hyperscaling violation, stripes, and a classification for the homogeneous case. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	51
42	Small numbers from tunneling between brane throats. <i>Physical Review D</i> , 2001, 64, .	4.7	50
43	Bosonization and mirror symmetry. <i>Physical Review D</i> , 2016, 94, .	4.7	49
44	Isotropic to anisotropic transition in a fractional quantum Hall state. <i>Physical Review B</i> , 2010, 82, .	3.2	48
45	GENERATING SMALL NUMBERS BY TUNNELING IN MULTI-THROAT COMPACTIFICATIONS. <i>International Journal of Modern Physics A</i> , 2004, 19, 2657-2704.	1.5	44
46	Gauge-mediated supersymmetry breaking in string compactifications. <i>Journal of High Energy Physics</i> , 2006, 2006, 020-020.	4.7	43
47	Stringy instantons and cascading quivers. <i>Journal of High Energy Physics</i> , 2007, 2007, 060-060.	4.7	42
48	Effective field theory of fractional quantized Hall nematics. <i>Physical Review B</i> , 2011, 84, .	3.2	40
49	Simple stringy dynamical supersymmetry breaking. <i>Physical Review D</i> , 2007, 76, .	4.7	39
50	Gravity dual of metastable dynamical supersymmetry breaking. <i>Physical Review D</i> , 2008, 77, .	4.7	34
51	Towards a holographic marginal Fermi liquid. <i>Physical Review D</i> , 2011, 84, .	4.7	34
52	Bounds on masses of bulk fields in string compactifications. <i>Journal of High Energy Physics</i> , 2006, 2006, 023-023.	4.7	29
53	Searching for inflation in simple string theory models: An astrophysical perspective. <i>Physical Review D</i> , 2007, 76, .	4.7	29
54	Resolving Lifshitz horizons. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	29

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55	A simple harmonic universe. Journal of High Energy Physics, 2014, 2014, 1.	4.7	29
56	Two-Dimensional Non-Fermi-Liquid Metals: A Solvable Large- N Limit. Physical Review Letters, 2019, 123, 096402.	7.8	28
57	Mathieu moonshine and $\mathcal{N}=2$ string compactifications. Journal of High Energy Physics, 2013, 2013, 1.	4.7	24
58	Elliptic Genera and 3d Gravity. Annales Henri Poincare, 2016, 17, 2623-2662.	1.7	24
59	Interpolating from Bianchi attractors to Lifshitz and AdS spacetimes. Journal of High Energy Physics, 2014, 2014, 1.	4.7	23
60	A model for the interplay between plastic tradeoffs and evolution in changing environments. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8934-8940.	7.1	23
61	Supersymmetric defect models and mirror symmetry. Journal of High Energy Physics, 2013, 2013, 1.	4.7	22
62	Gravity waves and the LHC: towards high-scale inflation with low-energy SUSY. Journal of High Energy Physics, 2010, 2010, 1.	4.7	21
63	Stable non-supersymmetric throats in string theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	20
64	Emergent space-time and the supersymmetric index. Journal of High Energy Physics, 2016, 2016, 1.	4.7	20
65	Orientifolds, renormalization-group flows and closed string tachyons. Classical and Quantum Gravity, 2000, 17, 1139-1150.	4.0	18
66	Enhanced pairing of quantum critical metals near $d=2$. Physical Review B, 2015, 92, .	8.2	18
67	Matrix Description of Calabi-Yau Compactifications. Physical Review Letters, 1998, 80, 2996-2999.	7.8	15
68	Mock modular Mathieu moonshine modules. Research in Mathematical Sciences, 2015, 2, 1.	1.0	15
69	Generalized attractor points in gauged supergravity. Physical Review D, 2011, 84, .	4.7	12
70	de Sitter vacua from ten dimensions. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
71	Single-sector supersymmetry breaking in supersymmetric QCD. Physical Review D, 2010, 81, .	4.7	11
72	Vortex lattices and crystalline geometries. Physical Review D, 2013, 88, .	4.7	11

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73	Twining genera of (0,4) supersymmetric sigma models on K3. Journal of High Energy Physics, 2014, 2014, 1.	4.7	10
74	Dynamical supersymmetry breaking, with flavor. Physical Review D, 2010, 81, .	4.7	9
75	Emergent Fermi surfaces, fractionalization and duality in supersymmetric QED. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
76	On the Elliptic Genera of Manifolds of Spin(7) Holonomy. Annales Henri Poincare, 2016, 17, 2663-2697.	1.7	9
77	The Hodge-Elliptic Genus, Spinning BPS States, and Black Holes. Communications in Mathematical Physics, 2017, 355, 245-259.	2.2	9
78	Equivariant K3 invariants. Communications in Number Theory and Physics, 2017, 11, 41-72.	1.0	8
79	NEW OLD INFLATION. , 2005, , 1131-1155.		7
80	Black holes and class groups. Research in Mathematical Sciences, 2018, 5, 1.	1.0	6
81	Heterotic sigma models on T 8 and the Borcherds automorphic form $\hat{\Gamma}_{12}$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
82	BPS Jumping Loci are Automorphic. Communications in Mathematical Physics, 2018, 360, 919-933.	2.2	5
83	A comment on 4d and 5d BPS states. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
84	Meta-Stable Vacua and D-Branes at the Conifold. AIP Conference Proceedings, 2008, , .	0.4	3
85	Black holes and Hurwitz class numbers. International Journal of Modern Physics D, 2017, 26, 1742003.	2.1	3
86	Counting spinning dyons in maximal supergravity: the Hodge-elliptic genus for tori. Letters in Mathematical Physics, 2017, 107, 2081-2092.	1.1	3
87	Attractive strings and five-branes, skew-holomorphic Jacobi forms and moonshine. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
88	Recounting special Lagrangian cycles in twistor families of K3 surfaces (or: How I learned to stop) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	0.6	1
89	Distributions of extremal black holes in Calabi-Yau compactifications. Journal of High Energy Physics, 2020, 2020, 1.	4.7	0
90	LECTURES ON WARPED COMPACTIFICATIONS AND STRINGY BRANE CONSTRUCTIONS. , 2001, , .		0

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91	Lectures on Warped Compactifications and Stringy Brane Constructions. , 2001, , .		0
92	The hidden symmetry of the heterotic string. Advances in Theoretical and Mathematical Physics, 2017, 21, 1729-1745.	0.6	0