

# Shamit Kachru

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

11,988  
citations

66250

44  
h-index

58552

86  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3117  
citing authors

#	ARTICLE	IF	CITATIONS
1	de Sitter vacua from ten dimensions. Journal of High Energy Physics, 2021, 2021, 1.	1.6	12
2	Distributions of extremal black holes in Calabi-Yau compactifications. Journal of High Energy Physics, 2020, 2020, 1.	1.6	0
3	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.	3.3	23
4	A comment on 4d and 5d BPS states. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
5	Recounting special Lagrangian cycles in twistor families of K3 surfaces (or: How I learned to stop) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	1
6	Two-Dimensional Non-Fermi-Liquid Metals: A Solvable Large- $N$ Limit. Physical Review Letters, 2019, 123, 096402.	2.9	28
7	A Comment on Effective Field Theories of Flux Vacua. Fortschritte Der Physik, 2019, 67, 1800086.	1.5	58
8	Black holes and class groups. Research in Mathematical Sciences, 2018, 5, 1.	0.5	6
9	Attractive strings and five-branes, skew-holomorphic Jacobi forms and moonshine. Journal of High Energy Physics, 2018, 2018, 1.	1.6	3
10	BPS Jumping Loci are Automorphic. Communications in Mathematical Physics, 2018, 360, 919-933.	1.0	5
11	Nonsupersymmetric Dualities from Mirror Symmetry. Physical Review Letters, 2017, 118, 011602.	2.9	58
12	Black holes and Hurwitz class numbers. International Journal of Modern Physics D, 2017, 26, 1742003.	0.9	3
13	The Hodge-Elliptic Genus, Spinning BPS States, and Black Holes. Communications in Mathematical Physics, 2017, 355, 245-259.	1.0	9
14	Heterotic sigma models on T <sup>8</sup> and the Borcherds automorphic form $\hat{\Gamma}_1^{12}$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	5
15	Counting spinning dyons in maximal supergravity: the Hodge-elliptic genus for tori. Letters in Mathematical Physics, 2017, 107, 2081-2092.	0.5	3
16	Equivariant K3 invariants. Communications in Number Theory and Physics, 2017, 11, 41-72.	0.3	8
17	The hidden symmetry of the heterotic string. Advances in Theoretical and Mathematical Physics, 2017, 21, 1729-1745.	0.4	0
18	Bosonization and mirror symmetry. Physical Review D, 2016, 94, .	1.6	49

#	ARTICLE	IF	CITATIONS
19	Universal bounds on charged states in 2d CFT and 3d gravity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	63
20	Emergent space-time and the supersymmetric index. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
21	On the Elliptic Genera of Manifolds of Spin(7) Holonomy. Annales Henri Poincare, 2016, 17, 2663-2697.	0.8	9
22	Elliptic Genera and 3d Gravity. Annales Henri Poincare, 2016, 17, 2623-2662.	0.8	24
23	Enhanced pairing of quantum critical metals near $d=2$ . Physical Review B, 2015, 92, .	1.1	54
24	Mirror symmetry and the half-filled Landau level. Physical Review B, 2015, 92, .	1.1	54
25	Mock modular Mathieu moonshine modules. Research in Mathematical Sciences, 2015, 2, 1.	0.5	15
26	Non-Fermi-liquid behavior of large- $N$ critical metals. Physical Review B, 2014, 89, .	1.6	29
27	Resolving Lifshitz horizons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	29
28	A simple harmonic universe. Journal of High Energy Physics, 2014, 2014, 1.	1.6	29
29	Interpolating from Bianchi attractors to Lifshitz and AdS spacetimes. Journal of High Energy Physics, 2014, 2014, 1.	1.6	23
30	Twining genera of (0,4) supersymmetric sigma models on K3. Journal of High Energy Physics, 2014, 2014, 1.	1.6	10
31	Emergent Fermi surfaces, fractionalization and duality in supersymmetric QED. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
32	Extremal horizons with reduced symmetry: hyperscaling violation, stripes, and a classification for the homogeneous case. Journal of High Energy Physics, 2013, 2013, 1.	1.6	51
33	Mathieu moonshine and $N=2$ string compactifications. Journal of High Energy Physics, 2013, 2013, 1.	1.6	24
34	Supersymmetric defect models and mirror symmetry. Journal of High Energy Physics, 2013, 2013, 1.	1.6	22
35	Non-Fermi-liquid fixed point in a Wilsonian theory of quantum critical metals. Physical Review B, 2013, 88, .	1.1	75
36	Vortex lattices and crystalline geometries. Physical Review D, 2013, 88, .	1.6	11

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37	Bianchi attractors: a classification of extremal black brane geometries. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
38	Aspects of holography for theories with hyperscaling violation. Journal of High Energy Physics, 2012, 2012, 1.	1.6	244
39	Towards a holographic marginal Fermi liquid. Physical Review D, 2011, 84, .	1.6	34
40	Generalized attractor points in gauged supergravity. Physical Review D, 2011, 84, .	1.6	12
41	Effective field theory of fractional quantized Hall nematics. Physical Review B, 2011, 84, .	1.1	40
42	Stable non-supersymmetric throats in string theory. Journal of High Energy Physics, 2010, 2010, 1.	1.6	20
43	Gravity waves and the LHC: towards high-scale inflation with low-energy SUSY. Journal of High Energy Physics, 2010, 2010, 1.	1.6	21
44	Holography of charged dilaton black holes. Journal of High Energy Physics, 2010, 2010, 1.	1.6	230
45	Holography of dyonic dilaton black branes. Journal of High Energy Physics, 2010, 2010, 1.	1.6	149
46	Dynamical supersymmetry breaking, with flavor. Physical Review D, 2010, 81, .	1.6	9
47	Isotropic to anisotropic transition in a fractional quantum Hall state. Physical Review B, 2010, 82, .	1.1	48
48	Single-sector supersymmetry breaking in supersymmetric QCD. Physical Review D, 2010, 81, .	1.6	11
49	<scp>d</scp>-Brane Instantons in Type II Orientifolds. Annual Review of Nuclear and Particle Science, 2009, 59, 269-296.	3.5	188
50	Probing Inflation with CMB Polarization. , 2009, , .		252
51	Holographic systematics of D-brane inflation. Journal of High Energy Physics, 2009, 2009, 093-093.	1.6	72
52	Gravity duals of Lifshitz-like fixed points. Physical Review D, 2008, 78, .	1.6	534
53	Geometric transitions and dynamical SUSY breaking. Nuclear Physics B, 2008, 796, 1-24.	0.9	51
54	Gravity dual of metastable dynamical supersymmetry breaking. Physical Review D, 2008, 77, .	1.6	34

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55	Meta-Stable Vacua and D-Branes at the Conifold. AIP Conference Proceedings, 2008, , .	0.3	3
56	Physics of String Flux Compactifications. Annual Review of Nuclear and Particle Science, 2007, 57, 119-144.	3.5	127
57	Stringy instantons and quiver gauge theories. Journal of High Energy Physics, 2007, 2007, 024-024.	1.6	147
58	Metastable vacua and D-branes at the conifold. Journal of High Energy Physics, 2007, 2007, 017-017.	1.6	132
59	Inflationary constraints on type IIA string theory. Journal of High Energy Physics, 2007, 2007, 095-095.	1.6	186
60	Stringy instantons and cascading quivers. Journal of High Energy Physics, 2007, 2007, 060-060.	1.6	42
61	Sequestering in string theory. Journal of High Energy Physics, 2007, 2007, 013-013.	1.6	70
62	Flux compactification. Reviews of Modern Physics, 2007, 79, 733-796.	16.4	635
63	Simple stringy dynamical supersymmetry breaking. Physical Review D, 2007, 76, .	1.6	39
64	Searching for inflation in simple string theory models: An astrophysical perspective. Physical Review D, 2007, 76, .	1.6	29
65	Bounds on masses of bulk fields in string compactifications. Journal of High Energy Physics, 2006, 2006, 023-023.	1.6	29
66	Gauge-mediated supersymmetry breaking in string compactifications. Journal of High Energy Physics, 2006, 2006, 020-020.	1.6	43
67	Moduli Potentials in Type IIA Compactifications with RR and NS Flux. Journal of High Energy Physics, 2005, 2005, 066-066.	1.6	77
68	Enumerating Flux Vacua with Enhanced Symmetries. Journal of High Energy Physics, 2005, 2005, 037-037.	1.6	97
69	NEW OLD INFLATION. , 2005, , 1131-1155.		7
70	The Giant Inflaton. Journal of High Energy Physics, 2004, 2004, 017-017.	1.6	109
71	Flux Compactifications on Calabi-Yau Threefolds. Journal of High Energy Physics, 2004, 2004, 003-003.	1.6	119
72	Heterotic moduli stabilization with fractional Chern-Simons invariants. Physical Review D, 2004, 69, .	1.6	84

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73	GENERATING SMALL NUMBERS BY TUNNELING IN MULTI-THROAT COMPACTIFICATIONS. International Journal of Modern Physics A, 2004, 19, 2657-2704.	0.5	44
74	Towards inflation in string theory. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 013-013.	1.9	958
75	de Sitter vacua in string theory. Physical Review D, 2003, 68, .	1.6	2,194
76	New supersymmetric string compactifications. Journal of High Energy Physics, 2003, 2003, 061-061.	1.6	258
77	Moduli stabilization from fluxes in a simple IIB orientifold. Journal of High Energy Physics, 2003, 2003, 007-007.	1.6	272
78	Hierarchies from fluxes in string compactifications. Physical Review D, 2002, 66, .	1.6	1,292
79	Brane/flux annihilation and the string dual of a non-supersymmetric field theory. Journal of High Energy Physics, 2002, 2002, 021-021.	1.6	326
80	Small numbers from tunneling between brane throats. Physical Review D, 2001, 64, .	1.6	50
81	LECTURES ON WARPED COMPACTIFICATIONS AND STRINGY BRANE CONSTRUCTIONS. , 2001, , .		0
82	Lectures on Warped Compactifications and Stringy Brane Constructions. , 2001, , .		0
83	Orientifolds, renormalization-group flows and closed string tachyons. Classical and Quantum Gravity, 2000, 17, 1139-1150.	1.5	18
84	Self-tuning flat domain walls in 5D gravity and string theory. Physical Review D, 2000, 62, .	1.6	269
85	Open string instantons and superpotentials. Physical Review D, 2000, 62, .	1.6	139
86	Mirror symmetry for open strings. Physical Review D, 2000, 62, .	1.6	62
87	Vacuum energy cancellation in a nonsupersymmetric string. Physical Review D, 1999, 59, .	1.6	80
88	Supersymmetric three-cycles and (super)symmetry breaking. Physical Review D, 1999, 61, .	1.6	80
89	Matrix Description of Calabi-Yau Compactifications. Physical Review Letters, 1998, 80, 2996-2999.	2.9	15
90	4D Conformal Field Theories and Strings on Orbifolds. Physical Review Letters, 1998, 80, 4855-4858.	2.9	534

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91	Non-perturbative results on the point particle limit of $N = 2$ heterotic string compactifications. Nuclear Physics B, 1996, 459, 537-555.	0.9	213
92	Exact results for $N = 2$ compactifications of heterotic strings. Nuclear Physics B, 1995, 450, 69-89.	0.9	360