

Joan Simon

List of Publications by Year in descending order

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70
papers

3,037
citations

172457

29
h-index

155660

55
g-index

71
all docs

71
docs citations

71
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraints on the redshift dependence of the dark energy potential. Physical Review D, 2005, 71, .	4.7	922
2	Holography of 3D Flat Cosmological Horizons. Physical Review Letters, 2013, 110, 141302.	7.8	172
3	Higher dimensional generalizations of the SYK model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	116
4	Quantum entanglement of localized excited states at finite temperature. Journal of High Energy Physics, 2015, 2015, 1.	4.7	98
5	What is a chiral 2d CFT? And what does it have to do with extremal black holes?. Journal of High Energy Physics, 2010, 2010, 1.	4.7	90
6	Black holes in supergravity: the non-BPS branch. Journal of High Energy Physics, 2008, 2008, 040-040.	4.7	86
7	The geometry of null rotation identifications. Journal of High Energy Physics, 2002, 2002, 001-001.	4.7	80
8	Generalised supersymmetric fluxbranes. Journal of High Energy Physics, 2001, 2001, 011-011.	4.7	61
9	Scrambling time from local perturbations of the eternal BTZ black hole. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
10	First Law of Holographic Complexity. Physical Review Letters, 2019, 123, 081601.	7.8	60
11	Cosmic Evolution from Phase Transition of Three-Dimensional Flat Space. Physical Review Letters, 2013, 111, 181301.	7.8	55
12	AdS ² Universe in a Supertube Shroud. Physical Review Letters, 2003, 91, 231601.	7.8	52
13	Typicality versus thermality: an analytic distinction. General Relativity and Gravitation, 2008, 40, 1863-1890.	2.0	49
14	AdS ² -type universes and the Landau problem. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 012-012.	5.4	48
15	Entropy of near-extremal black holes in AdS ₅ . Journal of High Energy Physics, 2008, 2008, 067-067.	4.7	46
16	A Fermi surface model for large supersymmetric AdS ₅ black holes. Journal of High Energy Physics, 2007, 2007, 048-048.	4.7	43
17	Chord diagrams, exact correlators in spin glasses and black hole bulk reconstruction. Journal of High Energy Physics, 2018, 2018, 1.	4.7	43
18	A Multi-Boundary AdS Orbifold and DLCQ Holography: A universal holographic description of extremal black hole horizons. Journal of High Energy Physics, 2004, 2004, 023-023.	4.7	42

#	ARTICLE	IF	CITATIONS
19	THE LIBRARY OF BABEL. International Journal of Modern Physics D, 2005, 14, 2181-2186.	2.1	41
20	Integrability vs. information loss: a simple example. Journal of High Energy Physics, 2006, 2006, 001-001.	4.7	41
21	The library of Babel: on the origin of gravitational thermodynamics. Journal of High Energy Physics, 2005, 2005, 006-006.	4.7	40
22	Variational principle and one-point functions in three-dimensional flat space Einstein gravity. Physical Review D, 2014, 89, .	4.7	40
23	Near-horizon limits of massless BTZ and their CFT duals. Classical and Quantum Gravity, 2011, 28, 175012.	4.0	36
24	Supersymmetric baryonic branes. Journal of High Energy Physics, 1999, 1999, 019-019.	4.7	35
25	Null orbifolds in AdS, Time Dependence and Holography. Journal of High Energy Physics, 2002, 2002, 036-036.	4.7	35
26	Constituent model of extremal non-BPS black holes. Journal of High Energy Physics, 2009, 2009, 052-052.	4.7	35
27	Brane Effective Actions, Kappa-Symmetry and Applications. Living Reviews in Relativity, 2012, 15, 3.	26.7	33
28	Comments on the random Thirring model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	32
29	Quantum geometry and gravitational entropy. Journal of High Energy Physics, 2007, 2007, 067-067.	4.7	29
30	On half-BPS states of the ABJM theory. Journal of High Energy Physics, 2009, 2009, 073-073.	4.7	26
31	Black holes, entanglement and random matrices. Classical and Quantum Gravity, 2014, 31, 185009.	4.0	26
32	Supersymmetric Kaluza-Klein reductions of AdS backgrounds. Advances in Theoretical and Mathematical Physics, 2004, 8, 217-317.	0.6	24
33	On operator growth and emergent Poincaré symmetries. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
34	Emergent IR dual 2d CFTs in charged AdS_5 black holes. Physical Review D, 2012, 85, .	4.7	22
35	Quotients of AdS_{p+1} —Sq: Causally well-behaved spaces and black holes. Physical Review D, 2004, 69, .	4.7	20
36	Near-extremal vanishing horizon AdS5 black holes and their CFT duals. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20

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37	EXTREMAL BLACK HOLES, HOLOGRAPHY AND COARSE GRAINING. International Journal of Modern Physics A, 2011, 26, 1903-1971.	1.5	19
38	ISCOs in AdS/CFT. Classical and Quantum Gravity, 2021, 38, 045009.	4.0	19
39	Supersymmetric Kaluza-Klein reductions of M2 and M5-branes. Advances in Theoretical and Mathematical Physics, 2002, 6, 703-793.	0.6	19
40	Extremal black holes and the first law of thermodynamics. Physical Review D, 2013, 88, .	4.7	17
41	Transition from inspiral to plunge: A complete near-extremal trajectory and associated waveform. Physical Review D, 2020, 101, .	4.7	17
42	Supersymmetric Kerr-anti-de Sitter solutions. Physical Review D, 2005, 72, .	4.7	14
43	Topology from cosmology?. Journal of High Energy Physics, 2008, 2008, 025-025.	4.7	14
44	Necessary conditions on Calabi-Yau manifolds for large volume vacua. Physical Review D, 2012, 86, .	4.7	14
45	T-duality covariance of SuperD-branes. Nuclear Physics B, 2000, 585, 219-252.	2.5	12
46	M-theory lift of brane-antibrane systems and localised closed string tachyons. Journal of High Energy Physics, 2002, 2002, 045-045.	4.7	12
47	Typicality, black hole microstates and superconformal field theories. Journal of High Energy Physics, 2008, 2008, 008-008.	4.7	12
48	Deconstructing the D0-D6 system. Journal of High Energy Physics, 2009, 2009, 078-078.	4.7	12
49	The rigid symmetries of bosonic D-strings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 419, 148-156.	4.1	11
50	Killing spectroscopy of closed timelike curves. Journal of High Energy Physics, 2004, 2004, 051-051.	4.7	11
51	Constraining the spin parameter of near-extremal black holes using LISA. Physical Review D, 2020, 102, .	4.7	11
52	Brane-intersection dynamics from branes in brane backgrounds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 430, 231-236.	4.1	10
53	On the maximal superalgebras of supersymmetric backgrounds. Classical and Quantum Gravity, 2009, 26, 035016.	4.0	10
54	The electrostatic view on M-theory LLM geometries. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10

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55	Gravitational perturbations from NHEK to Kerr. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
56	D-String on Near Horizon Geometries and Infinite Conformal Symmetry. Physical Review Letters, 1998, 81, 1770-1773.	7.8	9
57	From state distinguishability to effective bulk locality. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
58	Strings vs. spins on the null orbifold. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
59	Helical Luttinger liquids and three-dimensional black holes. Physical Review D, 2011, 84, .	4.7	7
60	Localized states in global AdS space. Physical Review D, 2020, 101, .	4.7	7
61	Cohomological analysis of bosonic D-strings and 2d sigma models coupled to abelian gauge fields. Nuclear Physics B, 1998, 523, 623-662.	2.5	6
62	Correlations vs connectivity in R-charge. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
63	Infinitely many rigid symmetries of kappa-invariant D-string actions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 147-152.	4.1	4
64	Tduality and effective D-brane actions. Physical Review D, 2000, 61, .	4.7	4
65	BPS states and automorphisms. Physical Review D, 2000, 62, .	4.7	4
66	Small black holes versus horizonless solutions in AdS spacetime. Physical Review D, 2010, 81, .	4.7	3
67	D0-branes in flux 5-brane backgrounds. Nuclear Physics B, 2002, 635, 175-191.	2.5	1
68	A strongly coupled zig-zag transition. Journal of High Energy Physics, 2013, 2013, 1.	4.7	0
69	World Volume Realization of Automorphisms. , 2001, , 259-270.		0
70	Extremality, Holography and Coarse Graining. Springer Proceedings in Physics, 2013, , 89-142.	0.2	0