# Joan Simon

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 70 papers | 3,037 citations | 172457<br>29 h-index | 155660<br>55 g-index |
| 71 all docs | 71 docs citations | 71 times ranked | 1451 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Gravitational perturbations from NHEK to Kerr. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 10 |
| 2 | ISCOs in AdS/CFT. Classical and Quantum Gravity, 2021, 38, 045009. | 4.0 | 19 |
| 3 | Transition from inspiral to plunge: A complete near-extremal trajectory and associated waveform. Physical Review D, 2020, 101, . | 4.7 | 17 |
| 4 | Localized states in global AdS space. Physical Review D, 2020, 101, . | 4.7 | 7 |
| 5 | On operator growth and emergent Poincaré symmetries. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 23 |
| 6 | Constraining the spin parameter of near-extremal black holes using LISA. Physical Review D, 2020, 102, . | 4.7 | 11 |
| 7 | First Law of Holographic Complexity. Physical Review Letters, 2019, 123, 081601. | 7.8 | 60 |
| 8 | Correlations vs connectivity in R-charge. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 6 |
| 9 | Chord diagrams, exact correlators in spin glasses and black hole bulk reconstruction. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 43 |
| 10 | Higher dimensional generalizations of the SYK model. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 116 |
| 11 | Comments on the random Thirring model. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 32 |
| 12 | Scrambling time from local perturbations of the eternal BTZ black hole. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 60 |
| 13 | Quantum entanglement of localized excited states at finite temperature. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 98 |
| 14 | Black holes, entanglement and random matrices. Classical and Quantum Gravity, 2014, 31, 185009. | 4.0 | 26 |
| 15 | Variational principle and one-point functions in three-dimensional flat space Einstein gravity. Physical Review D, 2014, 89, . | 4.7 | 40 |
| 16 | Strings vs. spins on the null orbifold. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 8 |
| 17 | From state distinguishability to effective bulk locality. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 9 |
| 18 | Near-extremal vanishing horizon AdS5 black holes and their CFT duals. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 20 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | Cosmic Evolution from Phase Transition of Three-Dimensional Flat Space. Physical Review Letters, 2013, 111, 181301. | 7.8 | 55 |
| 20 | Extremal black holes and the first law of thermodynamics. Physical Review D, 2013, 88, . | 4.7 | 17 |
| 21 | A strongly coupled zig-zag transition. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 0 |
| 22 | Holography of 3D Flat Cosmological Horizons. Physical Review Letters, 2013, 110, 141302. | 7.8 | 172 |
| 23 | Extremality, Holography and Coarse Graining. Springer Proceedings in Physics, 2013, , 89-142. | 0.2 | 0 |
| 24 | Necessary conditions on Calabi-Yau manifolds for large volume vacua. Physical Review D, 2012, 86, . | 4.7 | 14 |
| 25 | Brane Effective Actions, Kappa-Symmetry and Applications. Living Reviews in Relativity, 2012, 15, 3. | 26.7 | 33 |
| 26 | Emergent IR dual 2d CFTs in charged $AdS_5$ black holes. Physical Review D, 2012, 85, . | 4.7 | 22 |
| 27 | The electrostatic view on M-theory LLM geometries. Journal of High Energy Physics, 2011, 2011, 1. | 4.7 | 10 |
| 28 | Near-horizon limits of massless BTZ and their CFT duals. Classical and Quantum Gravity, 2011, 28, 175012. | 4.0 | 36 |
| 29 | Helical Luttinger liquids and three-dimensional black holes. Physical Review D, 2011, 84, . | 4.7 | 7 |
| 30 | EXTREMAL BLACK HOLES, HOLOGRAPHY AND COARSE GRAINING. International Journal of Modern Physics A, 2011, 26, 1903-1971. | 1.5 | 19 |
| 31 | 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 |
| 32 | Small black holes versus horizonless solutions in AdS spacetime. Physical Review D, 2010, 81, . | 4.7 | 3 |
| 33 | On half-BPS states of the ABJM theory. Journal of High Energy Physics, 2009, 2009, 073-073. | 4.7 | 26 |
| 34 | On the maximal superalgebras of supersymmetric backgrounds. Classical and Quantum Gravity, 2009, 26, 035016. | 4.0 | 10 |
| 35 | Deconstructing the D0-D6 system. Journal of High Energy Physics, 2009, 2009, 078-078. | 4.7 | 12 |
| 36 | Constituent model of extremal non-BPS black holes. Journal of High Energy Physics, 2009, 2009, 052-052. | 4.7 | 35 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 37 | Typicality versus thermality: an analytic distinction. General Relativity and Gravitation, 2008, 40, 1863-1890. | 2.0 | 49 |
| 38 | Topology from cosmology?. Journal of High Energy Physics, 2008, 2008, 025-025. | 4.7 | 14 |
| 39 | Typicality, black hole microstates and superconformal field theories. Journal of High Energy Physics, 2008, 2008, 008-008. | 4.7 | 12 |
| 40 | Entropy of near-extremal black holes in AdS$_5$. Journal of High Energy Physics, 2008, 2008, 067-067. | 4.7 | 46 |
| 41 | Black holes in supergravity: the non-BPS branch. Journal of High Energy Physics, 2008, 2008, 040-040. | 4.7 | 86 |
| 42 | A Fermi surface model for large supersymmetric AdS5 black holes. Journal of High Energy Physics, 2007, 2007, 048-048. | 4.7 | 43 |
| 43 | Quantum geometry and gravitational entropy. Journal of High Energy Physics, 2007, 2007, 067-067. | 4.7 | 29 |
| 44 | Integrability vs. information loss: a simple example. Journal of High Energy Physics, 2006, 2006, 001-001. | 4.7 | 41 |
| 45 | The library of Babel: on the origin of gravitational thermodynamics. Journal of High Energy Physics, 2005, 2005, 006-006. | 4.7 | 40 |
| 46 | THE LIBRARY OF BABEL. International Journal of Modern Physics D, 2005, 14, 2181-2186. | 2.1 | 41 |
| 47 | Supersymmetric Kerr–anti-de Sitter solutions. Physical Review D, 2005, 72, . | 4.7 | 14 |
| 48 | Constraints on the redshift dependence of the dark energy potential. Physical Review D, 2005, 71, . | 4.7 | 922 |
| 49 | Killing spectroscopy of closed timelike curves. Journal of High Energy Physics, 2004, 2004, 051-051. | 4.7 | 11 |
| 50 | Gödel-type universes and the Landau problem. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 012-012. | 5.4 | 48 |
| 51 | 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 |
| 52 | Quotients ofAdSp+1×Sq:Causally well-behaved spaces and black holes. Physical Review D, 2004, 69, . | 4.7 | 20 |
| 53 | Supersymmetric Kaluza-Klein reductions of AdS backgrounds. Advances in Theoretical and Mathematical Physics, 2004, 8, 217-317. | 0.6 | 24 |
| 54 | Gödel's Universe in a Supertube Shroud. Physical Review Letters, 2003, 91, 231601. | 7.8 | 52 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 55 | M-theory lift of brane-antibrane systems and localised closed string tachyons. Journal of High Energy Physics, 2002, 2002, 045-045. | 4.7 | 12 |
| 56 | The geometry of null rotation identifications. Journal of High Energy Physics, 2002, 2002, 001-001. | 4.7 | 80 |
| 57 | Null orbifolds in AdS, Time Dependence and Holography. Journal of High Energy Physics, 2002, 2002, 036-036. | 4.7 | 35 |
| 58 | D0-branes in flux 5-brane backgrounds. Nuclear Physics B, 2002, 635, 175-191. | 2.5 | 1 |
| 59 | Supersymmetric Kaluza–Klein reductions of M2 and M5-branes. Advances in Theoretical and Mathematical Physics, 2002, 6, 703-793. | 0.6 | 19 |
| 60 | Generalised supersymmetric fluxbranes. Journal of High Energy Physics, 2001, 2001, 011-011. | 4.7 | 61 |
| 61 | World Volume Realization of Automorphisms. , 2001, , 259-270. | | 0 |
| 62 | Tduality and effective D-brane actions. Physical Review D, 2000, 61, . | 4.7 | 4 |
| 63 | BPS states and automorphisms. Physical Review D, 2000, 62, . | 4.7 | 4 |
| 64 | T-duality covariance of SuperD-branes. Nuclear Physics B, 2000, 585, 219-252. | 2.5 | 12 |
| 65 | Supersymmetric baryonic branes. Journal of High Energy Physics, 1999, 1999, 019-019. | 4.7 | 35 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | D-String on Near Horizon Geometries and Infinite Conformal Symmetry. Physical Review Letters, 1998, 81, 1770-1773. | 7.8 | 9 |