

Erik Tonni

List of Publications by Year in descending order

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44
papers

2,875
citations

186265

28
h-index

243625

44
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all docs

44
docs citations

44
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Entanglement Negativity in Quantum Field Theory. <i>Physical Review Letters</i> , 2012, 109, 130502.	7.8	308
2	Entanglement entropy of two disjoint intervals in conformal field theory. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P11001.	2.3	255
3	Aspects of AdS/BCFT. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	244
4	Entanglement negativity in extended systems: a field theoretical approach. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P02008.	2.3	187
5	Entanglement Hamiltonians in two-dimensional conformal field theory. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 123103.	2.3	174
6	Entanglement entropy of two disjoint intervals in conformal field theory: II. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P01021.	2.3	133
7	Finite temperature entanglement negativity in conformal field theory. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 015006.	2.1	126
8	Entanglement negativity after a global quantum quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P12017.	2.3	114
9	Holographic evolution of the mutual information. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	113
10	A boundary stress tensor for higher-derivative gravity in AdS and Lifshitz backgrounds. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	83
11	Entanglement entropy and negativity of disjoint intervals in CFT: some numerical extrapolations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P06021.	2.3	76
12	Entanglement hamiltonian and entanglement contour in inhomogeneous 1D critical systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 043105.	2.3	68
13	Entanglement negativity in the critical Ising chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P05002.	2.3	66
14	On Rényi entropies of disjoint intervals in conformal field theory. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P01008.	2.3	66
15	Holographic entanglement entropy: near horizon geometry and disconnected regions. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	52
16	Entanglement spectrum degeneracy and the Cardy formula in 1+1 dimensional conformal field theories. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 024001.	2.1	51
17	Entanglement Hamiltonians in 1D free lattice models after a global quantum quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 123103.	2.3	46
18	Entanglement negativity in a two dimensional harmonic lattice: area law and corner contributions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 083102.	2.3	45

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19	Thermalization of causal holographic information. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	44
20	Entanglement entropy of two disjoint intervals and the recursion formula for conformal blocks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 113101.	2.3	44
21	Spin structures and entanglement of two disjoint intervals in conformal field theories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 053109.	2.3	43
22	Towards the entanglement negativity of two disjoint intervals for a one dimensional free fermion. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 033116.	2.3	42
23	Corner contributions to holographic entanglement entropy in AdS ₄ /BCFT ₃ . <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	42
24	A contour for the entanglement entropies in harmonic lattices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 314001.	2.1	42
25	Partial transpose of two disjoint blocks in XY spin chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P08005.	2.3	40
26	On shape dependence of holographic mutual information in AdS ₄ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	38
27	On entanglement Hamiltonians of an interval in massless harmonic chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 033102.	2.3	32
28	On the continuum limit of the entanglement Hamiltonian. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 073101.	2.3	30
29	Holographic entanglement entropy in AdS ₄ /BCFT ₃ and the Willmore functional. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	27
30	Complexity in the presence of a boundary. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	26
31	Entanglement Hamiltonians for non-critical quantum chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 103102.	2.3	26
32	Complexity of mixed Gaussian states from Fisher information geometry. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	25
33	Modular Hamiltonians for the massless Dirac field in the presence of a defect. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	24
34	Warped black holes in 3D general massive gravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	22
35	Modular Hamiltonians for the massless Dirac field in the presence of a boundary. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	22
36	Subsystem complexity after a global quantum quench. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	18

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37	Operator content of entanglement spectra in the transverse field Ising chain after global quenches. Physical Review B, 2020, 101, .	3.2	17
38	The $D = 2k + 4$ invariants of $\mathcal{N} = 8$ supergravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	15
39	On shape dependence of holographic entanglement entropy in AdS ₄ /CFT ₃ . Journal of High Energy Physics, 2015, 2015, 1-58.	4.7	14
40	Entanglement of Two Disjoint Intervals in Conformal Field Theory and the 2D Coulomb Gas on a Lattice. Physical Review Letters, 2021, 127, 141605.	7.8	12
41	On the continuum limit of the entanglement Hamiltonian of a sphere for the free massless scalar field. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
42	On shape dependence of holographic entanglement entropy in AdS ₄ /CFT ₃ with Lifshitz scaling and hyperscaling violation. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
43	An Introduction to Entanglement Measures in Conformal Field Theories and AdS/CFT. Springer Proceedings in Physics, 2020, , 69-89.	0.2	5
44	Subsystem complexity after a local quantum quench. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3