

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
g-index

44
all docs

44
docs citations

44
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	On the continuum limit of the entanglement Hamiltonian of a sphere for the free massless scalar field. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	9
2	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
3	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
4	Subsystem complexity after a global quantum quench. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	18
5	Subsystem complexity after a local quantum quench. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	3
6	Entanglement of Two Disjoint Intervals in Conformal Field Theory and the 2D Coulomb Gas on a Lattice. <i>Physical Review Letters</i> , 2021, 127, 141605.	7.8	12
7	Operator content of entanglement spectra in the transverse field Ising chain after global quenches. <i>Physical Review B</i> , 2020, 101, .	3.2	17
8	Complexity in the presence of a boundary. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	26
9	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
10	An Introduction to Entanglement Measures in Conformal Field Theories and AdS/CFT. <i>Springer Proceedings in Physics</i> , 2020, , 69-89.	0.2	5
11	On shape dependence of holographic entanglement entropy in AdS4/CFT3 with Lifshitz scaling and hyperscaling violation. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	6
12	Complexity of mixed Gaussian states from Fisher information geometry. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	25
13	Entanglement Hamiltonians for non-critical quantum chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 103102.	2.3	26
14	On the continuum limit of the entanglement Hamiltonian. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 073101.	2.3	30
15	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
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 hamiltonian and entanglement contour in inhomogeneous 1D critical systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 043105.	2.3	68
18	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

#	ARTICLE	IF	CITATIONS
19	Holographic entanglement entropy in AdS ₄ /BCFT ₃ and the Willmore functional. Journal of High Energy Physics, 2018, 2018, 1.	4.7	27
20	Corner contributions to holographic entanglement entropy in AdS ₄ /BCFT ₃ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	42
21	A contour for the entanglement entropies in harmonic lattices. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 314001.	2.1	42
22	Entanglement Hamiltonians in two-dimensional conformal field theory. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 123103.	2.3	174
23	Towards the entanglement negativity of two disjoint intervals for a one dimensional free fermion. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 033116.	2.3	42
24	Spin structures and entanglement of two disjoint intervals in conformal field theories. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 053109.	2.3	43
25	Entanglement negativity in a two dimensional harmonic lattice: area law and corner contributions. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 083102.	2.3	45
26	Partial transpose of two disjoint blocks in XY spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P08005.	2.3	40
27	On shape dependence of holographic entanglement entropy in AdS ₄ /CFT ₃ . Journal of High Energy Physics, 2015, 2015, 1-58.	4.7	14
28	Entanglement entropy and negativity of disjoint intervals in CFT: some numerical extrapolations. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P06021.	2.3	76
29	On shape dependence of holographic mutual information in AdS ₄ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
30	Finite temperature entanglement negativity in conformal field theory. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 015006.	2.1	126
31	Entanglement negativity after a global quantum quench. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P12017.	2.3	114
32	On Rényi entropies of disjoint intervals in conformal field theory. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P01008.	2.3	66
33	Thermalization of causal holographic information. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
34	Entanglement negativity in extended systems: a field theoretical approach. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P02008.	2.3	187
35	Entanglement negativity in the critical Ising chain. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P05002.	2.3	66
36	Entanglement Negativity in Quantum Field Theory. Physical Review Letters, 2012, 109, 130502.	7.8	308

#	ARTICLE	IF	CITATIONS
37	Holographic evolution of the mutual information. Journal of High Energy Physics, 2012, 2012, 1.	4.7	113
38	The $D = 2k + 4$ invariants of $\mathcal{N} = 8$ supergravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	15
39	Holographic entanglement entropy: near horizon geometry and disconnected regions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	52
40	Aspects of AdS/BCFT. Journal of High Energy Physics, 2011, 2011, 1.	4.7	244
41	Entanglement entropy of two disjoint intervals in conformal field theory: II. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P01021.	2.3	133
42	A boundary stress tensor for higher-derivative gravity in AdS and Lifshitz backgrounds. Journal of High Energy Physics, 2010, 2010, 1.	4.7	83
43	Warped black holes in 3D general massive gravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	22
44	Entanglement entropy of two disjoint intervals in conformal field theory. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P11001.	2.3	255