

Silvano Garnerone

List of Publications by Year in descending order

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26
papers

903
citations

623188

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580395

25
g-index

27
all docs

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docs citations

27
times ranked

1299
citing authors

#	ARTICLE	IF	CITATIONS
1	A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. <i>Molecular Cell</i> , 2021, 81, 4907-4923.e8.	4.5	28
2	Genome-wide detection of DNA double-strand breaks by in-suspension BLISS. <i>Nature Protocols</i> , 2020, 15, 3894-3941.	5.5	19
3	CUTseq is a versatile method for preparing multiplexed DNA sequencing libraries from low-input samples. <i>Nature Communications</i> , 2019, 10, 4732.	5.8	12
4	Modeling double strand break susceptibility to interrogate structural variation in cancer. <i>Genome Biology</i> , 2019, 20, 28.	3.8	11
5	BLISS is a versatile and quantitative method for genome-wide profiling of DNA double-strand breaks. <i>Nature Communications</i> , 2017, 8, 15058.	5.8	298
6	Quantification of HER2 and estrogen receptor heterogeneity in breast cancer by single-molecule RNA fluorescence in situ hybridization. <i>Oncotarget</i> , 2017, 8, 18680-18698.	0.8	24
7	Quantum algorithms for topological and geometric analysis of data. <i>Nature Communications</i> , 2016, 7, 10138.	5.8	128
8	Phase transition of light on complex quantum networks. <i>Physical Review E</i> , 2013, 87, 022104.	0.8	19
9	Pure state thermodynamics with matrix product states. <i>Physical Review B</i> , 2013, 88, .	1.1	8
10	Generalized quantum microcanonical ensemble from random matrix product states. <i>Physical Review B</i> , 2013, 87, .	1.1	10
11	Thermodynamic formalism for dissipative quantum walks. <i>Physical Review A</i> , 2012, 86, .	1.0	18
12	Bipartite quantum states and random complex networks. <i>New Journal of Physics</i> , 2012, 14, 013011.	1.2	21
13	Adiabatic Quantum Algorithm for Search Engine Ranking. <i>Physical Review Letters</i> , 2012, 108, 230506.	2.9	60
14	Entanglement and its evolution following a quench in the presence of an energy current. <i>Physical Review A</i> , 2011, 84, .	1.0	6
15	Statistical properties of random matrix product states. <i>Physical Review A</i> , 2010, 82, .	1.0	24
16	Typicality in random matrix product states. <i>Physical Review A</i> , 2010, 81, .	1.0	35
17	Fidelity in topological quantum phases of matter. <i>Physical Review A</i> , 2009, 79, .	1.0	35
18	Scaling of the fidelity susceptibility in a disordered quantum spin chain. <i>Physical Review B</i> , 2009, 79, .	1.1	24

#	ARTICLE	IF	CITATIONS
19	Fidelity Approach to the Disordered Quantum $X < /mml:mi > < /mml:mi > Y < /mml:mi > < /mml:math > Model. Physical Review Letters, 2009, 102, 057205.$	2.9	56
20	Efficient quantum processing of three-manifold topological invariants. Advances in Theoretical and Mathematical Physics, 2009, 13, 1601-1652.	0.4	12
21	AN EFFICIENT QUANTUM ALGORITHM FOR COLORED JONES POLYNOMIALS. International Journal of Quantum Information, 2008, 06, 773-778.	0.6	5
22	Quantum geometry and quantum algorithms. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 3047-3066.	0.7	17
23	Spin networks, quantum automata and link invariants. Journal of Physics: Conference Series, 2006, 33, 95-106.	0.3	9
24	Quantum knitting. Laser Physics, 2006, 16, 1582-1594.	0.6	13
25	Quantum Computation of Universal Link Invariants. Open Systems and Information Dynamics, 2006, 13, 373-382.	0.5	7
26	Breaks Labeling in situ and sequencing (BLISS). Protocol Exchange, 0, , .	0.3	4