

Tal Mor

List of Publications by Year in descending order

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27
papers

874
citations

687363

13
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiquantum key distribution. Physical Review A, 2009, 79, .	2.5	198
2	Algorithmic cooling and scalable NMR quantum computers. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3388-3393.	7.1	147
3	A Proof of the Security of Quantum Key Distribution. Journal of Cryptology, 2006, 19, 381-439.	2.8	97
4	Physical Limits of Heat-Bath Algorithmic Cooling. Physical Review Letters, 2005, 94, 120501.	7.8	80
5	ALGORITHMIC COOLING OF SPINS: A PRACTICABLE METHOD FOR INCREASING POLARIZATION. International Journal of Quantum Information, 2004, 02, 461-477.	1.1	63
6	Experimentally feasible protocol for semiquantum key distribution. Physical Review A, 2017, 96, .	2.5	48
7	Comment on "Semiquantum-key distribution using less than four quantum states". Physical Review A, 2011, 83, .	2.5	33
8	Quantum Key Distribution with Classical Bob. , 2007, , .		28
9	Heat-bath algorithmic cooling with correlated qubit-environment interactions. New Journal of Physics, 2017, 19, 113047.	2.9	24
10	Physical Limits of Heat-Bath Algorithmic Cooling. SIAM Journal on Computing, 2007, 36, 1729-1747.	1.0	23
11	Semioptimal practicable algorithmic cooling. Physical Review A, 2011, 83, .	2.5	20
12	Entanglement and deterministic quantum computing with one qubit. Physical Review A, 2017, 95, .	2.5	16
13	Attacks against a Simplified Experimentally Feasible Semiquantum Key Distribution Protocol. Entropy, 2018, 20, 536.	2.2	16
14	Geometry of entanglement in the Bloch sphere. Physical Review A, 2017, 95, .	2.5	13
15	PARAMAGNETIC MATERIALS AND PRACTICAL ALGORITHMIC COOLING FOR NMR QUANTUM COMPUTING. International Journal of Quantum Information, 2005, 03, 281-285.	1.1	12
16	ON CLASSICAL TELEPORTATION AND CLASSICAL NON-LOCALITY. International Journal of Quantum Information, 2006, 04, 161-171.	1.1	11
17	Prospects and limitations of algorithmic cooling. European Physical Journal Plus, 2014, 129, 1.	2.6	11
18	Algorithmic cooling in liquid-state nuclear magnetic resonance. Physical Review A, 2016, 93, .	2.5	11

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19	Attacks on fixed-apparatus quantum-key-distribution schemes. Physical Review A, 2014, 90, .	2.5	6
20	Coding triplets in the tRNA acceptorâ€™C arm and their role in present and past tRNA recognition. FEBS Letters, 2021, 595, 913-924.	2.8	5
21	Optimal Algorithmic Cooling of Spins. Lecture Notes in Computer Science, 2007, , 2-26.	1.3	4
22	Methods for Scalable Optical Quantum Computation. Physical Review Letters, 2006, 97, 090501.	7.8	2
23	Extrapolated quantum states, void states and a huge novel class of distillable entangled states. Soft Computing, 2017, 21, 5543-5556.	3.6	2
24	â€™Quantumnessâ€™ versus â€™classicalityâ€™ of quantum states and quantum protocols. International Journal of Quantum Information, 2018, 16, 1850014.	1.1	1
25	Quantum Communicationâ€™ Celebrating the Silver Jubilee of Teleportation. Entropy, 2020, 22, 628.	2.2	1
26	Heat-Bath Algorithmic Cooling withâ€™Correlated-Qubits Relaxation. Lecture Notes in Computer Science, 2017, , 294-304.	1.3	0
27	ALGORITHMIC COOLING AND SCALABLE QUANTUM COMPUTERS: WAYS TO IMPROVE THE SPACE-TIME REQUIREMENTS OF THE ALGORITHM. , 2002, , .		0