

Artur Ekert

List of Publications by Year in descending order

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28
papers

8,416
citations

279701

23
h-index

552653

26
g-index

28
all docs

28
docs citations

28
times ranked

3712
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum computation and Shor's factoring algorithm. <i>Reviews of Modern Physics</i> , 1996, 68, 733-753.	16.4	1,117
2	Quantum Privacy Amplification and the Security of Quantum Cryptography over Noisy Channels. <i>Physical Review Letters</i> , 1996, 77, 2818-2821.	2.9	992
3	Perfect State Transfer in Quantum Spin Networks. <i>Physical Review Letters</i> , 2004, 92, 187902.	2.9	965
4	Conditional Quantum Dynamics and Logic Gates. <i>Physical Review Letters</i> , 1995, 74, 4083-4086.	2.9	879
5	Geometric quantum computation using nuclear magnetic resonance. <i>Nature</i> , 2000, 403, 869-871.	13.7	672
6	Quantum networks for elementary arithmetic operations. <i>Physical Review A</i> , 1996, 54, 147-153.	1.0	528
7	Geometric Phases for Mixed States in Interferometry. <i>Physical Review Letters</i> , 2000, 85, 2845-2849.	2.9	489
8	Optimal universal and state-dependent quantum cloning. <i>Physical Review A</i> , 1998, 57, 2368-2378.	1.0	468
9	Perfect transfer of arbitrary states in quantum spin networks. <i>Physical Review A</i> , 2005, 71, .	1.0	404
10	Optimal Universal Quantum Cloning and State Estimation. <i>Physical Review Letters</i> , 1998, 81, 2598-2601.	2.9	246
11	Quantum Error Correction for Communication. <i>Physical Review Letters</i> , 1996, 77, 2585-2588.	2.9	228
12	Mirror Inversion of Quantum States in Linear Registers. <i>Physical Review Letters</i> , 2004, 93, 230502.	2.9	220
13	Geometric quantum computation. <i>Journal of Modern Optics</i> , 2000, 47, 2501-2513.	0.6	206
14	Method for Direct Detection of Quantum Entanglement. <i>Physical Review Letters</i> , 2002, 89, 127902.	2.9	202
15	Quantum algorithms: entanglement-enhanced information processing. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1998, 356, 1769-1782.	1.6	138
16	Stabilization of Quantum Computations by Symmetrization. <i>SIAM Journal on Computing</i> , 1997, 26, 1541-1557.	0.8	136
17	Observation of Geometric Phases for Mixed States using NMR Interferometry. <i>Physical Review Letters</i> , 2003, 91, 100403.	2.9	130
18	Approximate quantum Fourier transform and decoherence. <i>Physical Review A</i> , 1996, 54, 139-146.	1.0	111

#	ARTICLE	IF	CITATIONS
19	Machines, Logic and Quantum Physics. Bulletin of Symbolic Logic, 2000, 6, 265-283.	0.2	78
20	Multipartite entanglement in quantum spin chains. Physical Review A, 2005, 72, .	1.0	63
21	Beating the code breakers. Nature, 1992, 358, 14-15.	13.7	49
22	Tomographic Quantum Cryptography: Equivalence of Quantum and Classical Key Distillation. Physical Review Letters, 2003, 91, 097901.	2.9	29
23	Anandan et al. Reply:. Physical Review Letters, 2002, 89, .	2.9	28
24	On quantum algorithms. Complexity, 1998, 4, 33-42.	0.9	24
25	WHAT IS QUANTUM COMPUTATION?. International Journal of Modern Physics A, 2001, 16, 3335-3363.	0.5	11
26	QUANTUM ENTANGLEMENT AND SECRECY. International Journal of Modern Physics A, 2001, 16, 3191-3202.	0.5	2
27	Introduction to Quantum Computation. , 2002, , 47-76.		1
28	Secret Sides of Bell's Theorem. , 2002, , 209-220.		0