

# Daniel Gottesman

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

7,189  
citations

430874

18  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagonal gates in the Clifford hierarchy. <i>Physical Review A</i> , 2017, 95, .	2.5	31
2	Efficient fault tolerance. <i>Nature</i> , 2016, 540, 44-45.	27.8	7
3	The resource theory of stabilizer quantum computation. <i>New Journal of Physics</i> , 2014, 16, 013009.	2.9	226
4	Streaming Universal Distortion-Free Entanglement Concentration. <i>IEEE Transactions on Information Theory</i> , 2014, 60, 334-350.	2.4	4
5	Longer-Baseline Telescopes Using Quantum Repeaters. <i>Physical Review Letters</i> , 2012, 109, 070503.	7.8	217
6	The Power of Quantum Systems on a Line. <i>Communications in Mathematical Physics</i> , 2009, 287, 41-65.	2.2	108
7	The Power of Quantum Systems on a Line. , 2007, , .		14
8	Secure Multiparty Quantum Computation with (Only) a Strict Honest Majority. , 2006, , .		58
9	Classicality in discrete Wigner functions. <i>Physical Review A</i> , 2006, 73, .	2.5	90
10	GHZ extraction yield for multipartite stabilizer states. <i>Journal of Mathematical Physics</i> , 2006, 47, 062106.	1.1	32
11	Approximate Quantum Error-Correcting Codes and Secret Sharing Schemes. <i>Lecture Notes in Computer Science</i> , 2005, , 285-301.	1.3	22
12	Improved simulation of stabilizer circuits. <i>Physical Review A</i> , 2004, 70, .	2.5	660
13	Secure multi-party quantum computation. , 2002, , .		78
14	Causal and localizable quantum operations. <i>Physical Review A</i> , 2001, 64, .	2.5	135
15	Encoding a qubit in an oscillator. <i>Physical Review A</i> , 2001, 64, .	2.5	907
16	Fault-tolerant quantum computation with local gates. <i>Journal of Modern Optics</i> , 2000, 47, 333-345.	1.3	68
17	Theory of quantum secret sharing. <i>Physical Review A</i> , 2000, 61, .	2.5	498
18	How to Share a Quantum Secret. <i>Physical Review Letters</i> , 1999, 83, 648-651.	7.8	1,082

#	ARTICLE	IF	CITATIONS
19	Fault-Tolerant Quantum Computation with Higher-Dimensional Systems. Lecture Notes in Computer Science, 1999, , 302-313.	1.3	59
20	Demonstrating the viability of universal quantum computation using teleportation and single-qubit operations. Nature, 1999, 402, 390-393.	27.8	1,389
21	Theory of fault-tolerant quantum computation. Physical Review A, 1998, 57, 127-137.	2.5	543
22	Efficient computations of encodings for quantum error correction. Physical Review A, 1997, 56, 76-82.	2.5	71
23	Class of quantum error-correcting codes saturating the quantum Hamming bound. Physical Review A, 1996, 54, 1862-1868.	2.5	890