Julia Kempe

List of Publications by Year
in descending order

24	2,714	706676 14	993246 17
papers	citations	h-index	g-index

24	24	24	1900
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Approximation Algorithms for QMA-Complete Problems. SIAM Journal on Computing, 2012, 41, 1028-1050.	0.8	16
2	Hardness of Approximation for Quantum Problems. Lecture Notes in Computer Science, 2012, , 387-398.	1.0	10
3	Approximation Algorithms for QMA-Complete Problems. , 2011, , .		2
4	Entangled Games Are Hard to Approximate. SIAM Journal on Computing, 2011, 40, 848-877.	0.8	23
5	No Strong Parallel Repetition with Entangled and Non-signaling Provers. , 2010, , .		10
6	Two-Source Extractors Secure against Quantum Adversaries. Lecture Notes in Computer Science, 2010, , 656-669.	1.0	4
7	The Power of Quantum Systems on a Line. Communications in Mathematical Physics, 2009, 287, 41-65.	1.0	108
8	Using Entanglement in Quantum Multi-Prover Interactive Proofs. Computational Complexity, 2009, 18, 273-307.	0.2	15
9	Bounded-Error Quantum State Identification and Exponential Separations in Communication Complexity. SIAM Journal on Computing, 2009, 39, 1-24.	0.8	12
10	Entangled Games are Hard to Approximate. , 2008, , .		34
11	Using Entanglement in Quantum Multi-prover Interactive Proofs. , 2008, , .		9
12	Adiabatic Quantum Computation Is Equivalent to Standard Quantum Computation. SIAM Review, 2008, 50, 755-787.	4.2	199
13	Unique Games with Entangled Provers are Easy. , 2008, , .		16
14	Adiabatic Quantum Computation is Equivalent to Standard Quantum Computation. SIAM Journal on Computing, 2007, 37, 166-194.	0.8	299
15	The Power of Quantum Systems on a Line. , 2007, , .		14
16	The Complexity of the Local Hamiltonian Problem. SIAM Journal on Computing, 2006, 35, 1070-1097.	0.8	364
17	Discrete Quantum Walks Hit Exponentially Faster. Probability Theory and Related Fields, 2005, 133, 215-235.	0.9	108
18	Quantum random-walk search algorithm. Physical Review A, 2003, 67, .	1.0	842

#	Article	IF	Citations
19	Discrete Quantum Walks Hit Exponentially Faster. Lecture Notes in Computer Science, 2003, , 354-369.	1.0	65
20	Quantum walks on graphs. , 2001, , .		306
21	Decoherence-free subspaces for multiple-qubit errors. I. Characterization. Physical Review A, 2001, 63, .	1.0	74
22	Universal simulation of Markovian quantum dynamics. Physical Review A, 2001, 64, .	1.0	83
23	Decoherence-free subspaces for multiple-qubit errors. II. Universal, fault-tolerant quantum computation. Physical Review A, 2001, 63, .	1.0	51
24	Protecting quantum information encoded in decoherence-free states against exchange errors. Physical Review A, 2000, 61, .	1.0	50