

Seiichiro Tani

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

189
citations

1307594

7
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1125743

13
g-index

29
all docs

29
docs citations

29
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Claw finding algorithms using quantum walk. Theoretical Computer Science, 2009, 410, 5285-5297.	0.9	39
2	Impossibility of Classically Simulating One-Clean-Qubit Model with Multiplicative Error. Physical Review Letters, 2018, 120, 200502.	7.8	35
3	Exact Quantum Algorithms for the Leader Election Problem. ACM Transactions on Computation Theory, 2012, 4, 1-24.	0.7	24
4	Exact Quantum Algorithms for the Leader Election Problem. Lecture Notes in Computer Science, 2005, , 581-592.	1.3	18
5	Quantum algorithm for the multicollision problem. Theoretical Computer Science, 2020, 842, 100-117.	0.9	9
6	A reordering operation for an ordered binary decision diagram and an extended framework for combinatorics of graphs. Lecture Notes in Computer Science, 1994, , 575-583.	1.3	9
7	Compression of View on Anonymous Networksâ€”Folded Viewâ€”. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 255-262.	5.6	7
8	Collapse of the Hierarchy of Constant-Depth Exact Quantum Circuits. Computational Complexity, 2016, 25, 849-881.	0.3	7
9	Reconstructing Strings from Substrings with Quantum Queries. Lecture Notes in Computer Science, 2012, , 388-397.	1.3	6
10	Efficient Path Selection for Delay Testing Based on Path Clustering. Journal of Electronic Testing: Theory and Applications (JETTA), 1999, 15, 75-85.	1.2	5
11	Collapse of the Hierarchy of Constant-Depth Exact Quantum Circuits. , 2013, , .		5
12	Experimental demonstration of quantum leader election in linear optics. Physical Review A, 2008, 77, .	2.5	4
13	Multi-Party Quantum Communication Complexity with Routed Messages. IEICE Transactions on Information and Systems, 2009, E92-D, 191-199.	0.7	3
14	Quantum Query Complexity of Boolean Functions with Small On-Sets. Lecture Notes in Computer Science, 2008, , 907-918.	1.3	3
15	Commuting quantum circuits with few outputs are unlikely to be classically simulatable. Quantum Information and Computation, 2016, 16, 251-270.	0.3	3
16	Improved Quantum Multicollision-Finding Algorithm. Lecture Notes in Computer Science, 2019, , 350-367.	1.3	3
17	Divide-and-conquer verification method for noisy intermediate-scale quantum computation. Quantum - the Open Journal for Quantum Science, 0, 6, 758.	0.0	2
18	Quantum Query Complexity of Almost All Functions with Fixed On-set Size. Computational Complexity, 2016, 25, 723-735.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Power of uninitialized qubits in shallow quantum circuits. Theoretical Computer Science, 2021, 851, 129-153.	0.9	1
20	Quantum algorithms for finding constant-sized sub-hypergraphs. Theoretical Computer Science, 2016, 609, 569-582.	0.9	0
21	Hardness of efficiently generating ground states in postselected quantum computation. Physical Review Research, 2021, 3, .	3.6	0
22	Quantum Algorithms for Finding Constant-Sized Sub-hypergraphs. Lecture Notes in Computer Science, 2014, , 429-440.	1.3	0
23	Virtual BUS: A Simple Implementation of an Effortless Networking System Based on PVM. Lecture Notes in Computer Science, 1999, , 461-468.	1.3	0
24	An Overview of Quantum Algorithms. IEICE Communications Society Magazine, 2020, 14, 102-112.	0.0	0
25	Development of Fast Quantum Algorithms. Ieice Ess Fundamentals Review, 2020, 14, 15-27.	0.1	0
26	Multi-party Quantum Communication Complexity with Routed Messages. Lecture Notes in Computer Science, 2008, , 180-190.	1.3	0