

Theodore James Yoder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2209838/publications.pdf>

Version: 2024-02-01

13
papers

440
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological and Subsystem Codes on Low-Degree Graphs with Flag Qubits. <i>Physical Review X</i> , 2020, 10, .	8.9	107
2	Robust calibration of a universal single-qubit gate set via robust phase estimation. <i>Physical Review A</i> , 2015, 92, .	2.5	73
3	The surface code with a twist. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 1, 2.	0.0	72
4	Triangular color codes on trivalent graphs with flag qubits. <i>New Journal of Physics</i> , 2020, 22, 023019.	2.9	52
5	Disjointness of Stabilizer Codes and Limitations on Fault-Tolerant Logical Gates. <i>Physical Review X</i> , 2018, 8, .	8.9	30
6	Hamiltonian simulation with optimal sample complexity. <i>Npj Quantum Information</i> , 2017, 3, .	6.7	29
7	Calibrated Decoders for Experimental Quantum Error Correction. <i>Physical Review Letters</i> , 2022, 128, 110504.	7.8	29
8	Quantum Imaging by Coherent Enhancement. <i>Physical Review Letters</i> , 2015, 114, 100801.	7.8	15
9	Four-dimensional toric code with non-Clifford transversal gates. <i>Physical Review Research</i> , 2021, 3, .	3.6	13
10	Error rates and resource overheads of encoded three-qubit gates. <i>Physical Review A</i> , 2017, 96, .	2.5	9
11	Optimal quantum subsystem codes in two dimensions. <i>Physical Review A</i> , 2019, 99, .	2.5	8
12	Efficient Ancilla-Free Reversible and Quantum Circuits for the Hidden Weighted Bit Function. <i>IEEE Transactions on Computers</i> , 2022, 71, 1170-1180.	3.4	2
13	Quantum simulation from the bottom up: the case of rebits. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 195302.	2.1	1