

# Thi Ha Kyaw

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4098882/publications.pdf>

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17  
papers

926  
citations

1040056

9  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noisy intermediate-scale quantum algorithms. <i>Reviews of Modern Physics</i> , 2022, 94, .	45.6	521
2	Fast non-Abelian geometric gates via transitionless quantum driving. <i>Scientific Reports</i> , 2016, 5, 18414.	3.3	85
3	Resource-efficient digital quantum simulation of d-level systems for photonic, vibrational, and spin-s Hamiltonians. <i>Npj Quantum Information</i> , 2020, 6, .	6.7	74
4	Scalable quantum memory in the ultrastrong coupling regime. <i>Scientific Reports</i> , 2015, 5, 8621.	3.3	62
5	Creation of quantum error correcting codes in the ultrastrong coupling regime. <i>Physical Review B</i> , 2015, 91, .	3.2	32
6	Non-Markovian environments and entanglement preservation. <i>Physical Review A</i> , 2010, 81, .	2.5	27
7	Mutual information-assisted adaptive variational quantum eigensolver. <i>Quantum Science and Technology</i> , 2021, 6, 035001.	5.8	26
8	Dynamical quantum phase transitions and non-Markovian dynamics. <i>Physical Review A</i> , 2020, 101, .	2.5	23
9	Quantum computer-aided design of quantum optics hardware. <i>Quantum Science and Technology</i> , 2021, 6, 035010.	5.8	13
10	Quantum Computer-Aided Design: Digital Quantum Simulation of Quantum Processors. <i>Physical Review Applied</i> , 2021, 16, .	3.8	12
11	Floquet stroboscopic divisibility in non-Markovian dynamics. <i>New Journal of Physics</i> , 2018, 20, 093004.	2.9	10
12	Learning quantum dynamics with latent neural ordinary differential equations. <i>Physical Review A</i> , 2022, 105, .	2.5	10
13	Cluster state generation in one-dimensional Kitaev honeycomb model via shortcut to adiabaticity. <i>New Journal of Physics</i> , 2018, 20, 045007.	2.9	9
14	Measurement-Based Quantum Computation on Two-Body Interacting Qubits with Adiabatic Evolution. <i>Physical Review Letters</i> , 2014, 113, 180501.	7.8	8
15	Parity-preserving light-matter system mediates effective two-body interactions. <i>Quantum Science and Technology</i> , 2017, 2, 025007.	5.8	7
16	Z2 quantum memory implemented on circuit quantum electrodynamics. , 2014, , .		4
17	Catalytic Quantum Rabi Model. <i>Springer Theses</i> , 2019, , 79-97.	0.1	0