

Hsin-Yuan Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/151666/publications.pdf>

Version: 2024-02-01

9
papers

1,184
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting many properties of a quantum system from very few measurements. Nature Physics, 2020, 16, 1050-1057.	16.7	420
2	Power of data in quantum machine learning. Nature Communications, 2021, 12, 2631.	12.8	236
3	Quantum advantage in learning from experiments. Science, 2022, 376, 1182-1186.	12.6	145
4	Mixed-State Entanglement from Local Randomized Measurements. Physical Review Letters, 2020, 125, 200501.	7.8	136
5	Information-Theoretic Bounds on Quantum Advantage in Machine Learning. Physical Review Letters, 2021, 126, 190505.	7.8	98
6	Efficient Estimation of Pauli Observables by Derandomization. Physical Review Letters, 2021, 127, 030503.	7.8	75
7	Nearly tight Trotterization of interacting electrons. Quantum - the Open Journal for Quantum Science, 0, 5, 495.	0.0	35
8	Exponential Separations Between Learning With and Without Quantum Memory. , 2022, , .		21
9	What the foundations of quantum computer science teach us about chemistry. Journal of Chemical Physics, 2021, 155, 150901.	3.0	9