

# Edward Grant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7495315/publications.pdf>

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11  
papers

693  
citations

1163117  
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1588992  
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all docs

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docs citations

11  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced density matrix sampling: Self-consistent embedding and multiscale electronic structure on current generation quantum computers. Physical Review Research, 2021, 3, .	3.6	25
2	Cost-function embedding and dataset encoding for machine learning with parametrized quantum circuits. Physical Review A, 2020, 101, .	2.5	16
3	Computation of molecular excited states on IBM quantum computers using a discriminative variational quantum eigensolver. Physical Review A, 2020, 102, .	2.5	21
4	Adversarial quantum circuit learning for pure state approximation. New Journal of Physics, 2019, 21, 043023.	2.9	47
5	Hierarchical quantum classifiers. Npj Quantum Information, 2018, 4, .	6.7	184
6	Modelling non-markovian quantum processes with recurrent neural networks. New Journal of Physics, 2018, 20, 123030.	2.9	47
7	Learning hard quantum distributions with variational autoencoders. Npj Quantum Information, 2018, 4, .	6.7	49
8	Predicting and visualizing psychological attributions with a deep neural network. , 2016, , .		1
9	Deep Disentangled Representations for Volumetric Reconstruction. Lecture Notes in Computer Science, 2016, , 266-279.	1.3	8
10	Structure optimization for parameterized quantum circuits. Quantum - the Open Journal for Quantum Science, 0, 5, 391.	0.0	89
11	An initialization strategy for addressing barren plateaus in parametrized quantum circuits. Quantum - the Open Journal for Quantum Science, 0, 3, 214.	0.0	206