

Yudong Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12090413/publications.pdf>

Version: 2024-02-01

11
papers

1,056
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1101
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Quasi-reliable estimates of effective sample size. IMA Journal of Numerical Analysis, 2022, 42, 680-697. | 2.9 | 3 |
| 2 | A molecular computing approach to solving optimization problems via programmable microdroplet arrays. Matter, 2021, 4, 1107-1124. | 10.0 | 7 |
| 3 | Quantum Chemistry in the Age of Quantum Computing. Chemical Reviews, 2019, 119, 10856-10915. | 47.7 | 748 |
| 4 | Variational Quantum Factoring. Lecture Notes in Computer Science, 2019, , 74-85. | 1.3 | 52 |
| 5 | qTorch: The quantum tensor contraction handler. PLoS ONE, 2018, 13, e0208510. | 2.5 | 31 |
| 6 | Quantum Computation using Arrays of N Polar Molecules in Pendular States. ChemPhysChem, 2016, 17, 3714-3722. | 2.1 | 22 |
| 7 | Solving Set Cover with Pairs Problem using Quantum Annealing. Scientific Reports, 2016, 6, 33957. | 3.3 | 10 |
| 8 | Hamiltonian gadgets with reduced resource requirements. Physical Review A, 2015, 91, . | 2.5 | 19 |
| 9 | Infrared-dressed entanglement of cold open-shell polar molecules for universal matchgate quantum computing. New Journal of Physics, 2014, 16, 075001. | 2.9 | 44 |
| 10 | Experimental realization of quantum algorithm for solving linear systems of equations. Physical Review A, 2014, 89, . | 2.5 | 82 |
| 11 | Quantum circuit design for solving linear systems of equations. Molecular Physics, 2012, 110, 1675-1680. | 1.7 | 38 |