

Alba Cervera-Lierta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6623349/publications.pdf>

Version: 2024-02-01

11
papers

1,022
citations

1163117

8
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

491
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Noisy intermediate-scale quantum algorithms. <i>Reviews of Modern Physics</i> , 2022, 94, . | 45.6 | 521 |
| 2 | Data re-uploading for a universal quantum classifier. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 4, 226. | 0.0 | 206 |
| 3 | Exact Ising model simulation on a quantum computer. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 2, 114. | 0.0 | 89 |
| 4 | Maximal Entanglement in High Energy Physics. <i>SciPost Physics</i> , 2017, 3, . | 4.9 | 42 |
| 5 | Experimental High-Dimensional Greenberger-Horne-Zeilinger Entanglement with Superconducting Transmon Qutrits. <i>Physical Review Applied</i> , 2022, 17, . | 3.8 | 41 |
| 6 | TEQUILA: a platform for rapid development of quantum algorithms. <i>Quantum Science and Technology</i> , 2021, 6, 024009. | 5.8 | 36 |
| 7 | Meta-Variational Quantum Eigensolver: Learning Energy Profiles of Parameterized Hamiltonians for Quantum Simulation. <i>PRX Quantum</i> , 2021, 2, . | 9.2 | 33 |
| 8 | Quantum circuits for maximally entangled states. <i>Physical Review A</i> , 2019, 100, . | 2.5 | 21 |
| 9 | Operational approach to Bell inequalities: Application to qutrits. <i>Physical Review A</i> , 2016, 94, . | 2.5 | 17 |
| 10 | Learning interpretable representations of entanglement in quantum optics experiments using deep generative models. <i>Nature Machine Intelligence</i> , 2022, 4, 544-554. | 16.0 | 12 |
| 11 | Multipartite entanglement in spin chains and the hyperdeterminant. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 505301. | 2.1 | 4 |