

Muhammad Ahsan

List of Publications by Year in descending order

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6
papers

30
citations

2682572

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2053705

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7
all docs

7
docs citations

7
times ranked

27
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Quantum circuit engineering for correcting coherent noise. Physical Review A, 2022, 105, . | 2.5 | 7 |
| 2 | Reconfiguring quantum error-correcting codes for real-life errors. Journal Physics D: Applied Physics, 2020, 53, 415302. | 2.8 | 2 |
| 3 | A Quantum Computing Performance Simulator Based on Circuit Failure Probability and Fault Path Counting. ACM Journal on Emerging Technologies in Computing Systems, 2018, 14, 1-17. | 2.3 | 2 |
| 4 | Performance of topological quantum error correction in the presence of correlated noise. Quantum Information and Computation, 2018, 18, 743-778. | 0.3 | 2 |
| 5 | Designing a Million-Qubit Quantum Computer Using a Resource Performance Simulator. ACM Journal on Emerging Technologies in Computing Systems, 2016, 12, 1-25. | 2.3 | 14 |
| 6 | Optimization of Quantum Computer Architecture using a Resource-Performance Simulator. , 2015, , . | | 3 |