

Alireza Seif

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

267
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

359
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Distinguishing between Quantum and Classical Markovian Dephasing Dissipation. Physical Review Letters, 2022, 128, 070402. | 7.8 | 12 |
| 2 | Quantum advantages for Pauli channel estimation. Physical Review A, 2022, 105, . | 2.5 | 11 |
| 3 | Engineering an effective three-spin Hamiltonian in trapped-ion systems for applications in quantum simulation. Quantum Science and Technology, 2022, 7, 034001. | 5.8 | 18 |
| 4 | Machine learning the thermodynamic arrow of time. Nature Physics, 2021, 17, 105-113. | 16.7 | 55 |
| 5 | Optimal control for quantum detectors. Npj Quantum Information, 2021, 7, . | 6.7 | 6 |
| 6 | Entanglement Entropy Scaling Transition under Competing Monitoring Protocols. Physical Review Letters, 2021, 126, 123604. | 7.8 | 36 |
| 7 | Towards analog quantum simulations of lattice gauge theories with trapped ions. Physical Review Research, 2020, 2, . | 3.6 | 78 |
| 8 | Photon Pair Condensation by Engineered Dissipation. Physical Review Letters, 2019, 123, 063602. | 7.8 | 9 |
| 9 | Broadband optomechanical non-reciprocity. Nature Photonics, 2018, 12, 60-61. | 31.4 | 4 |
| 10 | Machine learning assisted readout of trapped-ion qubits. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 174006. | 1.5 | 38 |