

Ken Funo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

763
citations

706676

14
h-index

889612

19
g-index

19
all docs

19
docs citations

19
times ranked

649
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | General Bound on the Performance of Counter-Diabatic Driving Acting on Dissipative Spin Systems. Physical Review Letters, 2021, 127, 150401. | 2.9 | 11 |
| 2 | Superconducting-like Heat Current: Effective Cancellation of Current-Dissipation Trade-Off by Quantum Coherence. Physical Review Letters, 2021, 127, 190604. | 2.9 | 27 |
| 3 | Shortcuts to Adiabatic Pumping in Classical Stochastic Systems. Physical Review Letters, 2020, 124, 150603. | 2.9 | 25 |
| 4 | Speeding up a quantum refrigerator via counterdiabatic driving. Physical Review B, 2019, 100, . | 1.1 | 31 |
| 5 | Speed limit for open quantum systems. New Journal of Physics, 2019, 21, 013006. | 1.2 | 73 |
| 6 | Path Integral Approach to Quantum Thermodynamics. Physical Review Letters, 2018, 121, 040602. | 2.9 | 46 |
| 7 | Path integral approach to heat in quantum thermodynamics. Physical Review E, 2018, 98, 012113. | 0.8 | 18 |
| 8 | Speed Limit for Classical Stochastic Processes. Physical Review Letters, 2018, 121, 070601. | 2.9 | 126 |
| 9 | Quantum Fluctuation Theorems. Fundamental Theories of Physics, 2018, , 249-273. | 0.1 | 4 |
| 10 | Universal Work Fluctuations During Shortcuts to Adiabaticity by Counterdiabatic Driving. Physical Review Letters, 2017, 118, 100602. | 2.9 | 115 |
| 11 | Work fluctuation and total entropy production in nonequilibrium processes. Physical Review E, 2016, 94, 062112. | 0.8 | 6 |
| 12 | Work Fluctuation-Dissipation Trade-Off in Heat Engines. Physical Review Letters, 2015, 115, 260601. | 2.9 | 13 |
| 13 | Quantum nonequilibrium equalities with absolute irreversibility. New Journal of Physics, 2015, 17, 075005. | 1.2 | 36 |
| 14 | General achievable bound of extractable work under feedback control. Physical Review E, 2014, 90, 052125. | 0.8 | 24 |
| 15 | Strong local passivity in finite quantum systems. Physical Review E, 2014, 90, 012127. | 0.8 | 28 |
| 16 | Black hole firewalls require huge energy of measurement. Physical Review D, 2014, 89, . | 1.6 | 8 |
| 17 | Nonequilibrium equalities in absolutely irreversible processes. Physical Review E, 2014, 90, 042110. | 0.8 | 56 |
| 18 | Thermodynamic work gain from entanglement. Physical Review A, 2013, 88, . | 1.0 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Integral quantum fluctuation theorems under measurement and feedback control. Physical Review E, 2013, 88, 052121. | 0.8 | 54 |