

Tamoghna Das

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

362
citations

933447

10
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794594

19
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22
all docs

22
docs citations

22
times ranked

267
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Comment on "Single particle nonlocality with completely independent reference states". New Journal of Physics, 2022, 24, 038001. | 2.9 | 8 |
| 2 | Wave-particle complementarity: detecting violation of local realism with photon-number resolving weak-field homodyne measurements. New Journal of Physics, 2022, 24, 033017. | 2.9 | 9 |
| 3 | Remarks about Bell-nonclassicality of a single photon. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 435, 128031. | 2.1 | 9 |
| 4 | Can single photon excitation of two spatially separated modes lead to a violation of Bell inequality via weak-field homodyne measurements?. New Journal of Physics, 2021, 23, 073042. | 2.9 | 12 |
| 5 | Computable genuine multimode entanglement measure: Gaussian versus non-Gaussian. Physical Review A, 2020, 102, . | 2.5 | 7 |
| 6 | How efficient is transport of quantum cargo through multiple highways?. Annals of Physics, 2020, 422, 168281. | 2.8 | 5 |
| 7 | Phase boundaries in an alternating-field quantum XY model with Dzyaloshinskii-Moriya interaction: Sustainable entanglement in dynamics. Physical Review B, 2019, 99, . | 3.2 | 11 |
| 8 | Emergence of entanglement with temperature and time in factorization-surface states. Physical Review A, 2018, 97, . | 2.5 | 7 |
| 9 | Quantum discord and its allies: a review of recent progress. Reports on Progress in Physics, 2018, 81, 024001. | 20.1 | 150 |
| 10 | Response in the violation of the Bell inequality to imperfect photon addition and subtraction in noisy squeezed states of light. Physical Review A, 2018, 98, . | 2.5 | 2 |
| 11 | Canonical Leggett-Garg inequality: Nonclassicality of temporal quantum correlations under energy constraint. Physical Review A, 2018, 98, . | 2.5 | 12 |
| 12 | Activation of nonmonogamous multipartite quantum states. Physical Review A, 2018, 98, . | 2.5 | 5 |
| 13 | Deterministic quantum dense coding networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1709-1715. | 2.1 | 10 |
| 14 | Scale-invariant freezing of entanglement. Physical Review A, 2018, 97, . | 2.5 | 10 |
| 15 | Canonical distillation of entanglement. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3529-3535. | 2.1 | 5 |
| 16 | Static and dynamical quantum correlations in phases of an alternating-field XY model. Physical Review A, 2016, 94, . | 2.5 | 16 |
| 17 | Generalized geometric measure of entanglement for multipartite mixed states. Physical Review A, 2016, 94, . | 2.5 | 18 |
| 18 | Superiority of photon subtraction to addition for entanglement in a multimode squeezed vacuum. Physical Review A, 2016, 93, . | 2.5 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Distribution of Bell-inequality violation versus multiparty-quantum-correlation measures. Physical Review A, 2016, 93, . | 2.5 | 6 |
| 20 | Distributed quantum dense coding with two receivers in noisy environments. Physical Review A, 2015, 92, . | 2.5 | 18 |
| 21 | Reducing computational complexity of quantum correlations. Physical Review A, 2015, 92, . | 2.5 | 11 |
| 22 | Multipartite dense coding versus quantum correlation: Noise inverts relative capability of information transfer. Physical Review A, 2014, 90, . | 2.5 | 18 |