

Tamoghna Das

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

362
citations

933447

10
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum discord and its allies: a review of recent progress. Reports on Progress in Physics, 2018, 81, 024001.	20.1	150
2	Multipartite dense coding versus quantum correlation: Noise inverts relative capability of information transfer. Physical Review A, 2014, 90, .	2.5	18
3	Distributed quantum dense coding with two receivers in noisy environments. Physical Review A, 2015, 92, .	2.5	18
4	Generalized geometric measure of entanglement for multiparty mixed states. Physical Review A, 2016, 94, .	2.5	18
5	Static and dynamical quantum correlations in phases of an alternating-field XY model. Physical Review A, 2016, 94, .	2.5	16
6	Superiority of photon subtraction to addition for entanglement in a multimode squeezed vacuum. Physical Review A, 2016, 93, .	2.5	13
7	Canonical Leggett-Garg inequality: Nonclassicality of temporal quantum correlations under energy constraint. Physical Review A, 2018, 98, .	2.5	12
8	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
9	Reducing computational complexity of quantum correlations. Physical Review A, 2015, 92, .	2.5	11
10	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
11	Deterministic quantum dense coding networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1709-1715.	2.1	10
12	Scale-invariant freezing of entanglement. Physical Review A, 2018, 97, .	2.5	10
13	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
14	Remarks about Bell-nonclassicality of a single photon. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 435, 128031.	2.1	9
15	Comment on "Single particle nonlocality with completely independent reference states". New Journal of Physics, 2022, 24, 038001.	2.9	8
16	Emergence of entanglement with temperature and time in factorization-surface states. Physical Review A, 2018, 97, .	2.5	7
17	Computable genuine multimode entanglement measure: Gaussian versus non-Gaussian. Physical Review A, 2020, 102, .	2.5	7
18	Distribution of Bell-inequality violation versus multiparty-quantum-correlation measures. Physical Review A, 2016, 93, .	2.5	6

#	ARTICLE	IF	CITATIONS
19	Canonical distillation of entanglement. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3529-3535.	2.1	5
20	Activation of nonmonogamous multipartite quantum states. Physical Review A, 2018, 98, .	2.5	5
21	How efficient is transport of quantum cargo through multiple highways?. Annals of Physics, 2020, 422, 168281.	2.8	5
22	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