Ludovico Lami

List of Publications by Year
in descending order

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38	848	516215	525886
papers	citations	16 h-index	27 g-index

38	38	38	582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Entanglement and Superposition Are Equivalent Concepts in Any Physical Theory. Physical Review Letters, 2022, 128, 160402.	2.9	16
2	Activation of indistinguishability-based quantum coherence for enhanced metrological applications with particle statistics imprint. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	11
3	Maximal Gap Between Local and Global Distinguishability of Bipartite Quantum States. IEEE Transactions on Information Theory, 2022, 68, 7306-7314.	1.5	2
4	Convergence Rates for the Quantum Central Limit Theorem. Communications in Mathematical Physics, 2021, 383, 223-279.	1.0	5
5	Framework for resource quantification in infinite-dimensional general probabilistic theories. Physical Review A, 2021, 103, .	1.0	18
6	Operational Quantification of Continuous-Variable Quantum Resources. Physical Review Letters, 2021, 126, 110403.	2.9	22
7	Energy-Constrained Discrimination of Unitaries, Quantum Speed Limits, and a Gaussian Solovay-Kitaev Theorem. Physical Review Letters, 2021, 126, 190504.	2.9	17
8	Entangleability of cones. Geometric and Functional Analysis, 2021, 31, 181-205.	0.6	19
9	One-Shot Manipulation of Entanglement for Quantum Channels. IEEE Transactions on Information Theory, 2021, 67, 5339-5351.	1.5	7
10	Quantum data hiding with continuous-variable systems. Physical Review A, 2021, 104, .	1.0	7
11	Completing the Grand Tour of Asymptotic Quantum Coherence Manipulation. IEEE Transactions on Information Theory, 2020, 66, 2165-2183.	1.5	26
12	Refined diamond norm bounds on the emergence of objectivity of observables. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 395305.	0.7	5
13	Bosonic Quantum Communication Across Arbitrarily High Loss Channels. Physical Review Letters, 2020, 125, 110504.	2.9	10
14	Assisted concentration of Gaussian resources. Physical Review A, 2020, 101, .	1.0	9
15	Universal Gaps for XOR Games from Estimates on Tensor Norm Ratios. Communications in Mathematical Physics, 2020, 375, 679-724.	1.0	15
16	Extendibility of Bosonic Gaussian States. Physical Review Letters, 2019, 123, 050501.	2.9	11
17	Indistinguishability-enabled coherence for quantum metrology. Physical Review A, 2019, 100, .	1.0	35
18	Generic Bound Coherence under Strictly Incoherent Operations. Physical Review Letters, 2019, 122, 150402.	2.9	35

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19	Assisted Work Distillation. Physical Review Letters, 2019, 122, 130601.	2.9	16
20	Optimal distillation of quantum coherence with reduced waste of resources. Physical Review A, 2019, 99, .	1.0	19
21	Approximate reversal of quantum Gaussian dynamics. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 125301.	0.7	14
22	Gaussian entanglement revisited. New Journal of Physics, 2018, 20, 023030.	1.2	47
23	Nonasymptotic assisted distillation of quantum coherence. Physical Review A, 2018, 98, .	1.0	38
24	High-Dimensional Entanglement in States with Positive Partial Transposition. Physical Review Letters, 2018, 121, 200503.	2.9	21
25	Certification and Quantification of Multilevel Quantum Coherence. Physical Review X, 2018, 8, .	2.8	41
26	All phase-space linear bosonic channels are approximately Gaussian dilatable. New Journal of Physics, 2018, 20, 113012.	1.2	10
27	Gaussian quantum resource theories. Physical Review A, 2018, 98, .	1.0	61
28	RÃ©nyi relative entropies of quantum Gaussian states. Journal of Mathematical Physics, 2018, 59, .	0.5	19
29	Probabilistic Distillation of Quantum Coherence. Physical Review Letters, 2018, 121, 070404.	2.9	66
30	Ultimate Data Hiding in Quantum Mechanics and Beyond. Communications in Mathematical Physics, 2018, 361, 661-708.	1.0	43
31	Genuine-multipartite entanglement criteria based on positive maps. Journal of Mathematical Physics, 2017, 58, 082201.	0.5	18
32	From Log-Determinant Inequalities to Gaussian Entanglement via Recoverability Theory. IEEE Transactions on Information Theory, 2017, 63, 7553-7568.	1.5	14
33	Bipartite depolarizing maps. Journal of Mathematical Physics, 2016, 57, .	0.5	21
34	Entanglement-saving channels. Journal of Mathematical Physics, 2016, 57, .	0.5	9
35	Schur Complement Inequalities for Covariance Matrices and Monogamy of Quantum Correlations. Physical Review Letters, 2016, 117, 220502.	2.9	55
36	Conditional and unconditional Gaussian quantum dynamics. Contemporary Physics, 2016, 57, 331-349.	0.8	47

#	Article	IF	Citations
37	Entanglementâ€“breaking indices. Journal of Mathematical Physics, 2015, 56, .	0.5	14
38	Thermometry of Gaussian quantum systems using Gaussian measurements. Quantum - the Open Journal for Quantum Science, 0, 6, 743.	0.0	5