

Ludovico Lami

List of Publications by Year in descending order

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papers

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citations

516215

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582
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic Distillation of Quantum Coherence. <i>Physical Review Letters</i> , 2018, 121, 070404.	2.9	66
2	Gaussian quantum resource theories. <i>Physical Review A</i> , 2018, 98, .	1.0	61
3	Schur Complement Inequalities for Covariance Matrices and Monogamy of Quantum Correlations. <i>Physical Review Letters</i> , 2016, 117, 220502.	2.9	55
4	Conditional and unconditional Gaussian quantum dynamics. <i>Contemporary Physics</i> , 2016, 57, 331-349.	0.8	47
5	Gaussian entanglement revisited. <i>New Journal of Physics</i> , 2018, 20, 023030.	1.2	47
6	Ultimate Data Hiding in Quantum Mechanics and Beyond. <i>Communications in Mathematical Physics</i> , 2018, 361, 661-708.	1.0	43
7	Certification and Quantification of Multilevel Quantum Coherence. <i>Physical Review X</i> , 2018, 8, .	2.8	41
8	Nonasymptotic assisted distillation of quantum coherence. <i>Physical Review A</i> , 2018, 98, .	1.0	38
9	Indistinguishability-enabled coherence for quantum metrology. <i>Physical Review A</i> , 2019, 100, .	1.0	35
10	Generic Bound Coherence under Strictly Incoherent Operations. <i>Physical Review Letters</i> , 2019, 122, 150402.	2.9	35
11	Completing the Grand Tour of Asymptotic Quantum Coherence Manipulation. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 2165-2183.	1.5	26
12	Operational Quantification of Continuous-Variable Quantum Resources. <i>Physical Review Letters</i> , 2021, 126, 110403.	2.9	22
13	Bipartite depolarizing maps. <i>Journal of Mathematical Physics</i> , 2016, 57, .	0.5	21
14	High-Dimensional Entanglement in States with Positive Partial Transposition. <i>Physical Review Letters</i> , 2018, 121, 200503.	2.9	21
15	Rényi relative entropies of quantum Gaussian states. <i>Journal of Mathematical Physics</i> , 2018, 59, .	0.5	19
16	Optimal distillation of quantum coherence with reduced waste of resources. <i>Physical Review A</i> , 2019, 99, .	1.0	19
17	Entangleability of cones. <i>Geometric and Functional Analysis</i> , 2021, 31, 181-205.	0.6	19
18	Genuine-multipartite entanglement criteria based on positive maps. <i>Journal of Mathematical Physics</i> , 2017, 58, 082201.	0.5	18

#	ARTICLE	IF	CITATIONS
19	Framework for resource quantification in infinite-dimensional general probabilistic theories. <i>Physical Review A</i> , 2021, 103, .	1.0	18
20	Energy-Constrained Discrimination of Unitaries, Quantum Speed Limits, and a Gaussian Solovay-Kitaev Theorem. <i>Physical Review Letters</i> , 2021, 126, 190504.	2.9	17
21	Assisted Work Distillation. <i>Physical Review Letters</i> , 2019, 122, 130601.	2.9	16
22	Entanglement and Superposition Are Equivalent Concepts in Any Physical Theory. <i>Physical Review Letters</i> , 2022, 128, 160402.	2.9	16
23	Universal Gaps for XOR Games from Estimates on Tensor Norm Ratios. <i>Communications in Mathematical Physics</i> , 2020, 375, 679-724.	1.0	15
24	Entanglement-breaking indices. <i>Journal of Mathematical Physics</i> , 2015, 56, .	0.5	14
25	From Log-Determinant Inequalities to Gaussian Entanglement via Recoverability Theory. <i>IEEE Transactions on Information Theory</i> , 2017, 63, 7553-7568.	1.5	14
26	Approximate reversal of quantum Gaussian dynamics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 125301.	0.7	14
27	Extendibility of Bosonic Gaussian States. <i>Physical Review Letters</i> , 2019, 123, 050501.	2.9	11
28	Activation of indistinguishability-based quantum coherence for enhanced metrological applications with particle statistics imprint. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	11
29	All phase-space linear bosonic channels are approximately Gaussian dilatable. <i>New Journal of Physics</i> , 2018, 20, 113012.	1.2	10
30	Bosonic Quantum Communication Across Arbitrarily High Loss Channels. <i>Physical Review Letters</i> , 2020, 125, 110504.	2.9	10
31	Entanglement-saving channels. <i>Journal of Mathematical Physics</i> , 2016, 57, .	0.5	9
32	Assisted concentration of Gaussian resources. <i>Physical Review A</i> , 2020, 101, .	1.0	9
33	One-Shot Manipulation of Entanglement for Quantum Channels. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 5339-5351.	1.5	7
34	Quantum data hiding with continuous-variable systems. <i>Physical Review A</i> , 2021, 104, .	1.0	7
35	Refined diamond norm bounds on the emergence of objectivity of observables. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 395305.	0.7	5
36	Convergence Rates for the Quantum Central Limit Theorem. <i>Communications in Mathematical Physics</i> , 2021, 383, 223-279.	1.0	5

#	ARTICLE	IF	CITATIONS
37	Thermometry of Gaussian quantum systems using Gaussian measurements. Quantum - the Open Journal for Quantum Science, 0, 6, 743.	0.0	5
38	Maximal Gap Between Local and Global Distinguishability of Bipartite Quantum States. IEEE Transactions on Information Theory, 2022, 68, 7306-7314.	1.5	2