

Martin Ringbauer

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,405
citations

567281

15
h-index

610901

24
g-index

37
all docs

37
docs citations

37
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum discord as resource for remote state preparation. <i>Nature Physics</i> , 2012, 8, 666-670.	16.7	397
2	Challenging local realism with human choices. <i>Nature</i> , 2018, 557, 212-216.	27.8	136
3	Measurements on the reality of the wavefunction. <i>Nature Physics</i> , 2015, 11, 249-254.	16.7	113
4	Experimental Joint Quantum Measurements with Minimum Uncertainty. <i>Physical Review Letters</i> , 2014, 112, 020401.	7.8	95
5	Demonstration of fault-tolerant universal quantum gate operations. <i>Nature</i> , 2022, 605, 675-680.	27.8	88
6	Experimental test of local observer independence. <i>Science Advances</i> , 2019, 5, eaaw9832.	10.3	76
7	A two-qubit photonic quantum processor and its application to solving systems of linear equations. <i>Scientific Reports</i> , 2014, 4, 6115.	3.3	70
8	Entangling logical qubits with lattice surgery. <i>Nature</i> , 2021, 589, 220-224.	27.8	64
9	Characterizing Quantum Dynamics with Initial System-Environment Correlations. <i>Physical Review Letters</i> , 2015, 114, 090402.	7.8	58
10	Experimental test of nonlocal causality. <i>Science Advances</i> , 2016, 2, e1600162.	10.3	41
11	Certification and Quantification of Multilevel Quantum Coherence. <i>Physical Review X</i> , 2018, 8, .	8.9	41
12	Experimental deterministic correction of qubit loss. <i>Nature</i> , 2020, 585, 207-210.	27.8	38
13	Experimental simulation of closed timelike curves. <i>Nature Communications</i> , 2014, 5, 4145.	12.8	35
14	Generation of mechanical interference fringes by multi-photon counting. <i>New Journal of Physics</i> , 2018, 20, 053042.	2.9	28
15	Ultrafine Entanglement Witnessing. <i>Physical Review Letters</i> , 2017, 118, 110502.	7.8	24
16	Multi-time quantum correlations with no spatial analog. <i>Npj Quantum Information</i> , 2018, 4, .	6.7	17
17	Quantum Hypercube States. <i>Physical Review Letters</i> , 2019, 123, 020402.	7.8	15
18	Unifying framework for spatial and temporal quantum correlations. <i>Physical Review A</i> , 2018, 98, .	2.5	14

#	ARTICLE	IF	CITATIONS
19	Probing the non-classicality of temporal correlations. Quantum - the Open Journal for Quantum Science, 0, 1, 35.	0.0	13
20	Enhanced Multiqubit Phase Estimation in Noisy Environments by Local Encoding. Physical Review Letters, 2019, 123, 180503.	7.8	10
21	Measurement-Device-Independent Verification of Quantum Channels. Physical Review Letters, 2020, 124, 010503.	7.8	10
22	Information Causality in the Quantum and Post-Quantum Regime. Scientific Reports, 2015, 4, 6955.	3.3	7
23	Cross-Verification of Independent Quantum Devices. Physical Review X, 2021, 11, .	8.9	7
24	Refuting Observer-Independence in Quantum Theory. , 2019, , .		3
25	Optomechanical state reconstruction and nonclassicality verification beyond the resolved-sideband regime. Quantum - the Open Journal for Quantum Science, 0, 3, 125.	0.0	2
26	On the Reality of the Wavefunction. Springer Theses, 2017, , 85-136.	0.1	1
27	Experimental test of nonlocal causality. , 2017, , .		1
28	Doctor Who Meets Professor Heisenberg. Asia-Pacific Physics Newsletter, 2014, 03, 22-22.	0.0	0
29	Introduction to Quantum Information. Springer Theses, 2017, , 1-29.	0.1	0
30	Quantum Tomography. Springer Theses, 2017, , 31-52.	0.1	0
31	Introduction to Quantum Foundations. Springer Theses, 2017, , 53-84.	0.1	0
32	Causality in a Quantum World. Springer Theses, 2017, , 137-171.	0.1	0
33	Pushing Joint-Measurement Uncertainty to the Limit. Springer Theses, 2017, , 173-198.	0.1	0
34	Generation of mechanical interference fringes by multi-photon quantum measurement. , 2017, , .		0
35	Hypercube States for Sub-Planck Sensing. , 2019, , .		0
36	Experimental deterministic correction of qubit loss [1]. , 2021, , .		0