

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	Demonstration of fault-tolerant universal quantum gate operations. Nature, 2022, 605, 675-680.	27.8	88
2	Entangling logical qubits with lattice surgery. Nature, 2021, 589, 220-224.	27.8	64
3	Experimental deterministic correction of qubit loss [1]. , 2021, , .		0
4	Cross-Verification of Independent Quantum Devices. Physical Review X, 2021, 11, .	8.9	7
5	Measurement-Device-Independent Verification of Quantum Channels. Physical Review Letters, 2020, 124, 010503.	7.8	10
6	Experimental deterministic correction of qubit loss. Nature, 2020, 585, 207-210.	27.8	38
7	Quantum Hypercube States. Physical Review Letters, 2019, 123, 020402.	7.8	15
8	Enhanced Multiqubit Phase Estimation in Noisy Environments by Local Encoding. Physical Review Letters, 2019, 123, 180503.	7.8	10
9	Experimental test of local observer independence. Science Advances, 2019, 5, eaaw9832.	10.3	76
10	Refuting Observer-Independence in Quantum Theory. , 2019, , .		3
11	Hypercube States for Sub-Planck Sensing. , 2019, , .		0
12	Certification and Quantification of Multilevel Quantum Coherence. Physical Review X, 2018, 8, .	8.9	41
13	Generation of mechanical interference fringes by multi-photon counting. New Journal of Physics, 2018, 20, 053042.	2.9	28
14	Multi-time quantum correlations with no spatial analog. Npj Quantum Information, 2018, 4, .	6.7	17
15	Unifying framework for spatial and temporal quantum correlations. Physical Review A, 2018, 98, .	2.5	14
16	Challenging local realism with human choices. Nature, 2018, 557, 212-216.	27.8	136
17	Ultrafine Entanglement Witnessing. Physical Review Letters, 2017, 118, 110502.	7.8	24
18	On the Reality of the Wavefunction. Springer Theses, 2017, , 85-136.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Introduction to Quantum Information. Springer Theses, 2017, , 1-29.	0.1	0
20	Quantum Tomography. Springer Theses, 2017, , 31-52.	0.1	0
21	Introduction to Quantum Foundations. Springer Theses, 2017, , 53-84.	0.1	0
22	Causality in a Quantum World. Springer Theses, 2017, , 137-171.	0.1	0
23	Pushing Joint-Measurement Uncertainty to the Limit. Springer Theses, 2017, , 173-198.	0.1	0
24	Experimental test of nonlocal causality. , 2017, , .		1
25	Generation of mechanical interference fringes by multi-photon quantum measurement. , 2017, , .		0
26	Experimental test of nonlocal causality. Science Advances, 2016, 2, e1600162.	10.3	41
27	Measurements on the reality of the wavefunction. Nature Physics, 2015, 11, 249-254.	16.7	113
28	Characterizing Quantum Dynamics with Initial System-Environment Correlations. Physical Review Letters, 2015, 114, 090402.	7.8	58
29	Information Causality in the Quantum and Post-Quantum Regime. Scientific Reports, 2015, 4, 6955.	3.3	7
30	Doctor Who Meets Professor Heisenberg. Asia-Pacific Physics Newsletter, 2014, 03, 22-22.	0.0	0
31	Experimental Joint Quantum Measurements with Minimum Uncertainty. Physical Review Letters, 2014, 112, 020401.	7.8	95
32	Experimental simulation of closed timelike curves. Nature Communications, 2014, 5, 4145.	12.8	35
33	A two-qubit photonic quantum processor and its application to solving systems of linear equations. Scientific Reports, 2014, 4, 6115.	3.3	70
34	Quantum discord as resource for remote state preparation. Nature Physics, 2012, 8, 666-670.	16.7	397
35	Probing the non-classicality of temporal correlations. Quantum - the Open Journal for Quantum Science, 0, 1, 35.	0.0	13
36	Optomechanical state reconstruction and nonclassicality verification beyond the resolved-sideband regime. Quantum - the Open Journal for Quantum Science, 0, 3, 125.	0.0	2