

# Jonathan Gross

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/980825/publications.pdf>

Version: 2024-02-01

13  
papers

725  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing topologically ordered states on a quantum processor. <i>Science</i> , 2021, 374, 1237-1241.	12.6	186
2	Information scrambling in quantum circuits. <i>Science</i> , 2021, 374, 1479-1483.	12.6	127
3	Bias-preserving gates with stabilized cat qubits. <i>Science Advances</i> , 2020, 6, .	10.3	105
4	Optimal and secure measurement protocols for quantum sensor networks. <i>Physical Review A</i> , 2018, 97, .	2.5	95
5	Qubit models of weak continuous measurements: markovian conditional and open-system dynamics. <i>Quantum Science and Technology</i> , 2018, 3, 024005.	5.8	65
6	Collisional picture of quantum optics with giant emitters. <i>Physical Review Research</i> , 2020, 2, .	3.6	31
7	QInfer: Statistical inference software for quantum applications. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 1, 5.	0.0	24
8	Fisher-Symmetric Informationally Complete Measurements for Pure States. <i>Physical Review Letters</i> , 2016, 116, 180402.	7.8	22
9	Novelty, efficacy, and significance of weak measurements for quantum tomography. <i>Physical Review A</i> , 2015, 92, .	2.5	21
10	One from many: estimating a function of many parameters. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 014001.	2.1	20
11	Designing Codes around Interactions: The Case of a Spin. <i>Physical Review Letters</i> , 2021, 127, 010504.	7.8	14
12	Quantum-Tailored Machine-Learning Characterization of a Superconducting Qubit. <i>PRX Quantum</i> , 2021, 2, .	9.2	10
13	Master equations and quantum trajectories for squeezed wave packets. <i>Physical Review A</i> , 2022, 105, .	2.5	5