

# John Gaebler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3648683/publications.pdf>

Version: 2024-02-01

24  
papers

2,902  
citations

394421

19  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using photoemission spectroscopy to probe a strongly interacting Fermi gas. Nature, 2008, 454, 744-747.	27.8	448
2	High-Fidelity Universal Gate Set for $\text{Be}^9$ Qubits. Physical Review Letters, 2016, 117, 060505.	7.8	381
3	Dissipative production of a maximally entangled steady state of two quantum bits. Nature, 2013, 504, 415-418.	27.8	305
4	Observation of pseudogap behaviour in a strongly interacting Fermi gas. Nature Physics, 2010, 6, 569-573.	16.7	265
5	Demonstration of the trapped-ion quantum CCD computer architecture. Nature, 2021, 592, 209-213.	27.8	240
6	Verification of Universal Relations in a Strongly Interacting Fermi Gas. Physical Review Letters, 2010, 104, 235301.	7.8	214
7	p-Wave Feshbach Molecules. Physical Review Letters, 2007, 98, 200403.	7.8	170
8	Potential Energy of a Fermi Gas in the BCS-BEC Crossover. Physical Review Letters, 2006, 97, 220406.	7.8	128
9	Multi-element logic gates for trapped-ion qubits. Nature, 2015, 528, 380-383.	27.8	126
10	Guided Quasicontinuous Atom Laser. Physical Review Letters, 2006, 97, 200402.	7.8	109
11	Evolution of the Normal State of a Strongly Interacting Fermi Gas from a Pseudogap Phase to a Molecular Bose Gas. Physical Review Letters, 2011, 106, 060402.	7.8	108
12	Randomized Benchmarking of Multiqubit Gates. Physical Review Letters, 2012, 108, 260503.	7.8	96
13	Sympathetic Electromagnetically-Induced-Transparency Laser Cooling of Motional Modes in an Ion Chain. Physical Review Letters, 2013, 110, 153002.	7.8	57
14	Demonstration of a Dressed-State Phase Gate for Trapped Ions. Physical Review Letters, 2013, 110, 263002.	7.8	52
15	Holographic quantum algorithms for simulating correlated spin systems. Physical Review Research, 2021, 3, .	3.6	52
16	Fast transport of mixed-species ion chains within a Paul trap. Physical Review A, 2014, 90, .	2.5	36
17	Preparation of Entangled States through Hilbert Space Engineering. Physical Review Letters, 2016, 117, 140502.	7.8	31
18	Direct observation of the Fermi surface in an ultracold atomic gas. Physical Review A, 2012, 86, .	2.5	21

#	ARTICLE	IF	CITATIONS
19	Subspace benchmarking high-fidelity entangling operations with trapped ions. Physical Review Research, 2020, 2, .	3.6	21
20	Suppression of midcircuit measurement crosstalk errors with micromotion. Physical Review A, 2021, 104, .	2.5	14
21	Entanglement from Tensor Networks on a Trapped-Ion Quantum Computer. Physical Review Letters, 2022, 128, 150504.	7.8	14
22	High-fidelity light-shift gate for clock-state qubits. Physical Review A, 2021, 103, .	2.5	10
23	Holographic dynamics simulations with a trapped ion quantum computer. , 2021, , .		3
24	PHOTOEMISSION SPECTROSCOPY FOR ULTRACOLD ATOMS. , 2009, , .		1