Daniel Bothner

List of Publications by Citations

12 papers	230 citations	8 h-index	15 g-index
15 ext. papers	321 ext. citations	9.1 avg, IF	3.23 L-index

#	Paper	IF	Citations
12	Manipulation and coherence of ultra-cold atoms on a superconducting atom chip. *Nature Communications*, **2013**, 4, 2380	17.4	65
11	Multi-mode ultra-strong coupling in circuit quantum electrodynamics. *Npj Quantum Information*, **2017**, 3,	8.6	48
10	Coupling ultracold atoms to a superconducting coplanar waveguide resonator. *Nature Communications*, **2017**, 8, 2254	17.4	31
9	Approaching ultrastrong coupling in transmon circuit QED using a high-impedance resonator. *Physical Review B*, **2017**, 95,	3.3	20
8	Coupling microwave photons to a mechanical resonator using quantum interference. *Nature Communications*, **2019**, 10, 5359	17.4	18
7	Inductively coupled superconducting half wavelength resonators as persistent current traps for ultracold atoms. *New Journal of Physics*, **2013**, 15, 093024	2.9	14
6	Cavity electromechanics with parametric mechanical driving. *Nature Communications*, **2020**, 11, 1589	17.4	11
5	Improving Superconducting Resonators in Magnetic Fields by Reduced Field Focussing and Engineered Flux Screening. *Physical Review Applied*, **2017**, 8,	4.3	9
4	Nature of the Lamb shift in weakly anharmonic atoms: From normal-mode splitting to quantum fluctuations. *Physical Review A*, **2018**, 98,	2.6	8
3	Photon-pressure strong coupling between two superconducting circuits. *Nature Physics*, **2021**, 17, 85-91	16.2	5
2	Cavity-driven Rabi oscillations between Rydberg states of atoms trapped on a superconducting atom chip. *Physical Review Research*, **2022**, 4,	3.9	1
1	Cooling photon-pressure circuits into the quantum regime. *Science Advances*, **2021**, 7, eabg6653	14.3	0