

# Mario F Gely

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3765481/publications.pdf>

Version: 2024-02-01

14  
papers

263  
citations

1163065

8  
h-index

1199563

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-mode ultra-strong coupling in circuit quantum electrodynamics. Npj Quantum Information, 2017, 3, .	6.7	69
2	Convergence of the multimode quantum Rabi model of circuit quantum electrodynamics. Physical Review B, 2017, 95, .	3.2	44
3	Sideband cooling of nearly degenerate micromechanical oscillators in a multimode optomechanical system. Physical Review A, 2019, 99, .	2.5	41
4	Observation and stabilization of photonic Fock states in a hot radio-frequency resonator. Science, 2019, 363, 1072-1075.	12.6	31
5	Approaching ultrastrong coupling in transmon circuit QED using a high-impedance resonator. Physical Review B, 2017, 95, .	3.2	24
6	QuCAT: quantum circuit analyzer tool in Python. New Journal of Physics, 2020, 22, 013025.	2.9	18
7	Superconducting electro-mechanics to test Dirac's Penrose effects of general relativity in massive superpositions. AVS Quantum Science, 2021, 3, .	4.9	15
8	Nature of the Lamb shift in weakly anharmonic atoms: From normal-mode splitting to quantum fluctuations. Physical Review A, 2018, 98, .	2.5	10
9	Current Detection Using a Josephson Parametric Upconverter. Physical Review Applied, 2020, 14, .	3.8	4
10	Phonon-number resolution of voltage-biased mechanical oscillators with weakly anharmonic superconducting circuits. Physical Review A, 2021, 104, .	2.5	4
11	Mechanical dissipation in MoRe superconducting metal drums. Applied Physics Letters, 2017, 110, 083103.	3.3	2
12	A massive squeeze. Nature Physics, 2021, 17, 299-300.	16.7	1
13	Publisher's Note: Convergence of the multimode quantum Rabi model of circuit quantum electrodynamics [Phys. Rev. B 95, 245115 (2017)]. Physical Review B, 2019, 99, .	3.2	0
14	Publisher's Note: Approaching ultrastrong coupling in transmon circuit QED using a high-impedance resonator [Phys. Rev. B 95, 224515 (2017)]. Physical Review B, 2019, 99, .	3.2	0