

Mario F Gely

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

153
citations

6
h-index

12
g-index

15
ext. papers

216
ext. citations

7
avg, IF

3.21
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 10 | Phonon-number resolution of voltage-biased mechanical oscillators with weakly anharmonic superconducting circuits. <i>Physical Review A</i> , 2021 , 104, | 2.6 | 1 |
| 9 | Superconducting electro-mechanics to test Dirac-Penrose effects of general relativity in massive superpositions. <i>AVS Quantum Science</i> , 2021 , 3, 035601 | 10.3 | 5 |
| 8 | QuCAT: quantum circuit analyzer tool in Python. <i>New Journal of Physics</i> , 2020 , 22, 013025 | 2.9 | 4 |
| 7 | Observation and stabilization of photonic Fock states in a hot radio-frequency resonator. <i>Science</i> , 2019 , 363, 1072-1075 | 33.3 | 19 |
| 6 | Sideband cooling of nearly degenerate micromechanical oscillators in a multimode optomechanical system. <i>Physical Review A</i> , 2019 , 99, | 2.6 | 19 |
| 5 | Nature of the Lamb shift in weakly anharmonic atoms: From normal-mode splitting to quantum fluctuations. <i>Physical Review A</i> , 2018 , 98, | 2.6 | 8 |
| 4 | Mechanical dissipation in MoRe superconducting metal drums. <i>Applied Physics Letters</i> , 2017 , 110, 083103 | 3.4 | 1 |
| 3 | Approaching ultrastrong coupling in transmon circuit QED using a high-impedance resonator. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 20 |
| 2 | Convergence of the multimode quantum Rabi model of circuit quantum electrodynamics. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 28 |
| 1 | Multi-mode ultra-strong coupling in circuit quantum electrodynamics. <i>Npj Quantum Information</i> , 2017 , 3, | 8.6 | 48 |