

Andrew Jayich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8683092/publications.pdf>

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15
papers

2,052
citations

933264

10
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

1602
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong dispersive coupling of a high-finesse cavity to a micromechanical membrane. Nature, 2008, 452, 72-75.	13.7	1,195
2	Strong and tunable nonlinear optomechanical coupling in a low-loss system. Nature Physics, 2010, 6, 707-712.	6.5	355
3	High quality mechanical and optical properties of commercial silicon nitride membranes. Applied Physics Letters, 2008, 92, .	1.5	185
4	Fiber-cavity-based optomechanical device. Applied Physics Letters, 2012, 101, .	1.5	122
5	Visible light photonic integrated Brillouin laser. Nature Communications, 2021, 12, 4685.	5.8	52
6	Cryogenic optomechanics with a Si ₃ N ₄ membrane and classical laser noise. New Journal of Physics, 2012, 14, 115018.	1.2	41
7	Phonon Lasing from Optical Frequency Comb Illumination of Trapped Ions. Physical Review Letters, 2018, 121, 043201.	2.9	22
8	Optical Mass Spectrometry of Cold RaOH^+ and RaOCH_3^+ Physical Review Letters, 2021, 126, 023002.	2.9	22
9	Laser Cooling of Radium Ions. Physical Review Letters, 2019, 122, 223001.	2.9	17
10	Radium Ion Optical Clock. Physical Review Letters, 2022, 128, 033202.	2.9	12
11	Electron Electric Dipole Moment Searches Using Clock Transitions in Ultracold Molecules. Physical Review Letters, 2020, 125, 153201.	2.9	11
12	Measurements of electric quadrupole transition frequencies in Ra^+ . Physical Review A, 2019, 100, .	1.0	7
13	Direct measurement of the Ra^+ $7s^2$ 3P_1 - $7s$ 1P_1 transition. Physical Review Letters, 2020, 125, 153201.	1.0	5
14	Direct measurement of the Ra^+ $7s^2$ 3P_1 - $7s$ 1P_1 transition. Physical Review Letters, 2020, 125, 153201.	1.0	4
15	Direct measurement of the Ra^+ $7s^2$ 3P_1 - $7s$ 1P_1 transition. Physical Review Letters, 2020, 125, 153201.	1.0	2