

# Andrew Jayich

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	Radium Ion Optical Clock. Physical Review Letters, 2022, 128, 033202.	2.9	12
2	Measurement of the $\langle \text{Ra} \rangle$ Optical Mass Spectrometry of Cold $\langle \text{RaOH} \rangle$ and $\langle \text{RaOCH} \rangle$ Physical Review Letters, 2021, 126, 023002.	1.0	2
3	Visible light photonic integrated Brillouin laser. Nature Communications, 2021, 12, 4685.	5.8	52
5	Electron Electric Dipole Moment Searches Using Clock Transitions in Ultracold Molecules. Physical Review Letters, 2020, 125, 153201.	2.9	11
6	Direct measurement of the $\langle S \rangle$ width="0.16em" width="0.16em"	1.0	4
7	Laser Cooling of Radium Ions. Physical Review Letters, 2019, 122, 223001.	2.9	17
8	Measurements of electric quadrupole transition frequencies in $\langle \text{Ra} \rangle$ Physical Review A, 2019, 100, .	1.0	7
9	state branching fractions in $\langle \text{P} \rangle$ width="0.16em" /> <math>\langle \text{P} \rangle</math>	1.0	5
10	Phonon Lasing from Optical Frequency Comb Illumination of Trapped Ions. Physical Review Letters, 2018, 121, 043201.	2.9	22
11	Cryogenic optomechanics with a $\langle \text{Si}_3\text{N}_4 \rangle$ membrane and classical laser noise. New Journal of Physics, 2012, 14, 115018.	1.2	41
12	Fiber-cavity-based optomechanical device. Applied Physics Letters, 2012, 101, .	1.5	122
13	Strong and tunable nonlinear optomechanical coupling in a low-loss system. Nature Physics, 2010, 6, 707-712.	6.5	355
14	Strong dispersive coupling of a high-finesse cavity to a micromechanical membrane. Nature, 2008, 452, 72-75.	13.7	1,195
15	High quality mechanical and optical properties of commercial silicon nitride membranes. Applied Physics Letters, 2008, 92, .	1.5	185