

# Alexandre Cooper-Roy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6587435/publications.pdf>

Version: 2024-02-01

9  
papers

547  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Control of Electron-Nuclear Spin Defects in Diamond. Physical Review Letters, 2020, 124, 083602.	7.8	18
2	Improved entanglement detection with subspace witnesses. Physical Review A, 2020, 101, .	2.5	6
3	High-fidelity entanglement and detection of alkaline-earth Rydberg atoms. Nature Physics, 2020, 16, 857-861.	16.7	222
4	Environment-assisted Quantum-enhanced Sensing with Electronic Spins in Diamond. Physical Review Applied, 2019, 12, .	3.8	10
5	2000-Times Repeated Imaging of Strontium Atoms in Clock-Magic Tweezer Arrays. Physical Review Letters, 2019, 122, 173201.	7.8	76
6	An Atomic-Array Optical Clock with Single-Atom Readout. Physical Review X, 2019, 9, .	8.9	63
7	Alkaline-Earth Atoms in Optical Tweezers. Physical Review X, 2018, 8, .	8.9	125
8	Reconstructing the profile of time-varying magnetic fields with quantum sensors. Physical Review A, 2013, 88, .	2.5	15
9	Compressing measurements in quantum dynamic parameter estimation. Physical Review A, 2013, 88, .	2.5	11