

Connor A Hart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1317713/publications.pdf>

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8
papers

915
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity optimization for NV-diamond magnetometry. <i>Reviews of Modern Physics</i> , 2020, 92, .	45.6	496
2	Principles and techniques of the quantum diamond microscope. <i>Nanophotonics</i> , 2019, 8, 1945-1973.	6.0	123
3	Decoherence of ensembles of nitrogen-vacancy centers in diamond. <i>Physical Review B</i> , 2020, 102, .	3.2	102
4	Ultralong Dephasing Times in Solid-State Spin Ensembles via Quantum Control. <i>Physical Review X</i> , 2018, 8, .	8.9	100
5	Characterisation of CVD diamond with high concentrations of nitrogen for magnetic-field sensing applications. <i>Materials for Quantum Technology</i> , 2021, 1, 025001.	3.1	40
6	$\langle \mathbf{N} \rangle$ - $\langle \mathbf{V} \rangle$ "Diamond Magnetic Microscopy Using a Double Quantum 4-Ramsey Protocol. <i>Physical Review Applied</i> , 2021, 15, .	3.8	25
7	Multiplexed Sensing of Magnetic Field and Temperature in Real Time Using a Nitrogen-Vacancy Ensemble in Diamond. <i>Physical Review Applied</i> , 2022, 17, .	3.8	18
8	High-Precision Mapping of Diamond Crystal Strain Using Quantum Interferometry. <i>Physical Review Applied</i> , 2022, 17, .	3.8	11