

Connor A Hart

List of Publications by Year in descending order

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

Version: 2024-02-01

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