

# Damian Kwiatkowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7666350/publications.pdf>

Version: 2024-02-01

8  
papers

245  
citations

1307543

7  
h-index

1588975

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Appearance of objectivity for NV centers interacting with dynamically polarized nuclear environment. <i>New Journal of Physics</i> , 2021, 23, 043036.	2.9	6
2	Robust all-optical single-shot readout of nitrogen-vacancy centers in diamond. <i>Nature Communications</i> , 2021, 12, 532.	12.8	40
3	Qubit-environment negativity versus fidelity of conditional environmental states for a nitrogen-vacancy-center spin qubit interacting with a nuclear environment. <i>Physical Review A</i> , 2020, 102, .	2.5	8
4	Influence of nuclear spin polarization on the spin-echo signal of an NV-center qubit. <i>Physical Review B</i> , 2020, 101, .	3.2	9
5	How to detect qubit-environment entanglement generated during qubit dephasing. <i>Physical Review A</i> , 2019, 100, .	2.5	20
6	Decoherence of two entangled spin qubits coupled to an interacting sparse nuclear spin bath: Application to nitrogen vacancy centers. <i>Physical Review B</i> , 2018, 98, .	3.2	20
7	Environmental noise spectroscopy with qubits subjected to dynamical decoupling. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 333001.	1.8	82
8	The effect of helium accretion efficiency on rates of Type Ia supernovae: double detonations in accreting binaries. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 440, L101-L105.	3.3	60