

David Zajac

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7944014/publications.pdf>

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9
papers

1,567
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonantly driven CNOT gate for electron spins. <i>Science</i> , 2018, 359, 439-442.	12.6	407
2	A coherent spin-photon interface in silicon. <i>Nature</i> , 2018, 555, 599-603.	27.8	296
3	Strong coupling of a single electron in silicon to a microwave photon. <i>Science</i> , 2017, 355, 156-158.	12.6	224
4	Scalable Gate Architecture for a One-Dimensional Array of Semiconductor Spin Qubits. <i>Physical Review Applied</i> , 2016, 6, .	3.8	205
5	Shuttling a single charge across a one-dimensional array of silicon quantum dots. <i>Nature Communications</i> , 2019, 10, 1063.	12.8	179
6	Circuit quantum electrodynamics architecture for gate-defined quantum dots in silicon. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	75
7	High-fidelity quantum gates in Si/SiGe double quantum dots. <i>Physical Review B</i> , 2018, 97, .	3.2	73
8	Tunable Coupling Architecture for Fixed-Frequency Transmon Superconducting Qubits. <i>Physical Review Letters</i> , 2021, 127, 080505.	7.8	64
9	Magnetotransport studies of mobility limiting mechanisms in undoped Si/SiGe heterostructures. <i>Physical Review B</i> , 2015, 92, .	3.2	44