

# Charles Tahan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1305697/publications.pdf>

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9  
papers

243  
citations

1307594  
7  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relaxation of excited spin, orbital, and valley qubit states in ideal silicon quantum dots. Physical Review B, 2014, 89, .	3.2	54
2	Charge-noise-insensitive gate operations for always-on, exchange-only qubits. Physical Review B, 2016, 93, .	3.2	52
3	On-chip cavity quantum phonodynamics with an acceptor qubit in silicon. Physical Review B, 2013, 88, .	3.2	44
4	Entangling distant resonant exchange qubits via circuit quantum electrodynamics. Physical Review B, 2016, 94, .	3.2	41
5	Quantum-limited measurement of spin qubits via curvature couplings to a cavity. Physical Review B, 2019, 99, .	3.2	16
6	Barrier versus tilt exchange gate operations in spin-based quantum computing. Physical Review B, 2018, 97, .	3.2	14
7	Induced quantum dot probe for material characterization. Applied Physics Letters, 2019, 114, .	3.3	9
8	Modulated longitudinal gates on encoded spin qubits via curvature couplings to a superconducting cavity. Physical Review B, 2021, 103, .	3.2	8
9	Opinion: Democratizing Spin Qubits. Quantum - the Open Journal for Quantum Science, 0, 5, 584.	0.0	5