

# Leon C Camenzind

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

495  
citations

840776

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h-index

1199594

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all docs

12  
docs citations

12  
times ranked

680  
citing authors

#	ARTICLE	IF	CITATIONS
1	A hole spin qubit in a fin field-effect transistor above 4â€%kelvin. Nature Electronics, 2022, 5, 178-183.	26.0	69
2	Ultrafast hole spin qubit with gate-tunable spinâ€“orbit switch functionality. Nature Nanotechnology, 2021, 16, 308-312.	31.5	97
3	Self-aligned gates for scalable silicon quantum computing. Applied Physics Letters, 2021, 118, .	3.3	26
4	Isotropic and Anisotropic $\langle mml:mrow \langle mml:mi \rangle g \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ -Factor Corrections in GaAs Quantum Dots. Physical Review Letters, 2021, 127, 057701.	7.8	2
5	Quantum device fine-tuning using unsupervised embedding learning. New Journal of Physics, 2020, 22, 095003.	2.9	15
6	Spectroscopy of Quantum Dot Orbitals with In-Plane Magnetic Fields. Physical Review Letters, 2019, 122, 207701.	7.8	12
7	Orbital effects of a strong in-plane magnetic field on a gate-defined quantum dot. Physical Review B, 2019, 99, .	3.2	15
8	$\langle mml:math \rangle \langle mml:mi \rangle g \langle /mml:mi \rangle \langle /mml:math \rangle$ -factor of electrons in gate-defined quantum dots in a strong in-plane magnetic field. Physical Review B, 2018, 98, .	3.2	13
9	Ambipolar quantum dots in undoped silicon fin field-effect transistors. Applied Physics Letters, 2018, 113, .	3.3	17
10	Hyperfine-phonon spin relaxation in a single-electron GaAs quantum dot. Nature Communications, 2018, 9, 3454.	12.8	53
11	New concepts in basement membrane biology. FEBS Journal, 2015, 282, 4466-4479.	4.7	121
12	Diabetes-induced morphological, biomechanical, and compositional changes in ocular basement membranes. Experimental Eye Research, 2013, 116, 298-307.	2.6	55