

# Samuel Boutin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9009694/publications.pdf>

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1477746

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g-index

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docs citations

9  
times ranked

568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Josephson bifurcation amplifier: Semiclassical theory. Journal of Applied Physics, 2021, 129, 214302.	1.1	2
2	Quantum impurity models using superpositions of fermionic Gaussian states: Practical methods and applications. Physical Review Research, 2021, 3, .	1.3	3
3	Majorana bound state engineering via efficient real-space parameter optimization. Physical Review B, 2018, 98, .	1.1	9
4	Engineering the quantum states of light in a Kerr-nonlinear resonator by two-photon driving. Npj Quantum Information, 2017, 3, .	2.8	188
5	Resonator reset in circuit QED by optimal control for large open quantum systems. Physical Review A, 2017, 96, .	1.0	28
6	NMR in an electric field: A bulk probe of the hidden spin and orbital polarizations. Physical Review B, 2017, 96, .	1.1	5
7	Effect of Higher-Order Nonlinearities on Amplification and Squeezing in Josephson Parametric Amplifiers. Physical Review Applied, 2017, 8, .	1.5	49
8	Tight-binding theory of NMR shifts in topological insulators $\langle \mathbf{Bi} \rangle_2$ $\langle \mathbf{Se} \rangle_3$ and $\langle \mathbf{Bi} \rangle_2$	1.1	15
9	Measurement-Induced Qubit State Mixing in Circuit QED from Up-Converted Dephasing Noise. Physical Review Letters, 2012, 109, 153601.	2.9	88