

# Sergey Novikov

## List of Publications by Year in descending order

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371  
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#	ARTICLE	IF	CITATIONS
1	Decoupling a Cooper-Pair Box to Enhance the Lifetime to 0.2 $\mu$ s. Physical Review Letters, 2011, 106, 120501.	7.8	63
2	Autler-Townes splitting in a three-dimensional transmon superconducting qubit. Physical Review B, 2013, 88, .	3.2	48
3	Raman coherence in a circuit quantum electrodynamics lambda system. Nature Physics, 2016, 12, 75-79.	16.7	45
4	Observation of Autler-Townes effect in a dispersively dressed Jaynes-Cummings system. New Journal of Physics, 2013, 15, 125007.	2.9	25
5	Structure of quasi-one-dimensional ribbon colloid suspensions. Physical Review E, 2009, 79, 031406.	2.1	16
6	Calibration of Flux Crosstalk in Large-Scale Flux-Tunable Superconducting Quantum Circuits. PRX Quantum, 2021, 2, .	9.2	14
7	Spectroscopy of a Cooper-pair box coupled to a two-level system via charge and critical current. Physical Review B, 2013, 87, .	3.2	13
8	Nonlinear microwave photon occupancy of a driven resonator strongly coupled to a transmon qubit. Physical Review A, 2015, 92, .	2.5	13
9	Exploring More-Coherent Quantum Annealing. , 2018, , .		11
10	Fast, Lifetime-Preserving Readout for High-Coherence Quantum Annealers. PRX Quantum, 2020, 1, .	9.2	8
11	Anneal-path correction in flux qubits. Npj Quantum Information, 2021, 7, .	6.7	7
12	Hydrodynamic interactions in ribbon channels: From quasi-one-dimensional to quasi-two-dimensional behavior. Physical Review E, 2010, 82, 031403.	2.1	6
13	Fast, Lifetime-Preserving Readout for High-Coherence Quantum Annealers. PRX Quantum, 2020, 1, .	9.2	6
14	Decoherence in a pair of long-lived Cooper-pair boxes. Journal of Applied Physics, 2013, 114, 094305.	2.5	3