

# Konstantin N Nesterov

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9  
papers

91  
citations

4  
h-index

9  
g-index

12  
ext. papers

171  
ext. citations

6.8  
avg, IF

2.43  
L-index

#	Paper	IF	Citations
9	Fast Logic with Slow Qubits: Microwave-Activated Controlled-Z Gate on Low-Frequency Fluxoniums. <i>Physical Review X</i> , <b>2021</b> , 11,	9.1	3
8	Proposal for Entangling Gates on Fluxonium Qubits via a Two-Photon Transition. <i>PRX Quantum</i> , <b>2021</b> , 2,	6.1	2
7	Microwave-activated controlled-Z gate for fixed-frequency fluxonium qubits. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	7
6	Measurement of a superconducting qubit with a microwave photon counter. <i>Science</i> , <b>2018</b> , 361, 1239-1243	35.3	36
5	Spin-orbit scattering in superconducting nanoparticles. <i>Fortschritte Der Physik</i> , <b>2017</b> , 65, 1600099	5.7	
4	Anomalous Josephson effect in semiconducting nanowires as a signature of the topologically nontrivial phase. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	24
3	Magnetic response of energy levels of superconducting nanoparticles with spin-orbit scattering. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	2
2	Thermodynamics of ultrasmall metallic grains in the presence of pairing and exchange correlations: Mesoscopic fluctuations. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	13
1	The coexistence of superconductivity and ferromagnetism in nano-scale metallic grains. <i>Physica Scripta</i> , <b>2012</b> , T151, 014047	2.6	4