

# Evgeni Il'ichev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4608128/publications.pdf>

Version: 2024-02-01

11  
papers

1,353  
citations

1040056

9  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1288  
citing authors

#	ARTICLE	IF	CITATIONS
1	The current-phase relation in Josephson junctions. <i>Reviews of Modern Physics</i> , 2004, 76, 411-469.	45.6	1,117
2	Implementation of a quantum metamaterial using superconducting qubits. <i>Nature Communications</i> , 2014, 5, 5146.	12.8	120
3	Low noise cryogenic system for the measurement of the Casimir energy in rigid cavities. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 164023.	2.1	20
4	How to test the “quantumness” of a quantum computer?. <i>Frontiers in Physics</i> , 2014, 2, .	2.1	18
5	Toroidal qubits: naturally-decoupled quiet artificial atoms. <i>Scientific Reports</i> , 2015, 5, 16934.	3.3	18
6	Simulating long-distance entanglement in quantum spin chains by superconducting flux qubits. <i>Physical Review A</i> , 2015, 91, .	2.5	12
7	Single-Photon Detection with a Josephson Junction Coupled to a Resonator. <i>Physical Review Applied</i> , 2021, 16, .	3.8	11
8	Quantized resonator field coupled to a current-biased Josephson junction in circuit QED. <i>Physical Review A</i> , 2014, 89, .	2.5	10
9	The Aladin2 experiment: status and perspectives. <i>Journal of Physics A</i> , 2006, 39, 6153-6159.	1.6	6
10	A wideband cryogenic microwave low-noise amplifier. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1484-1491.	2.8	4
11	Universal Tool for Single-Photon Circuits: Quantum Router Design. <i>Materials</i> , 2020, 13, 319.	2.9	0