

# Vyacheslav Zakosarenko

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

176  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic background field-tolerant SQIF-based current sensors. Superconductor Science and Technology, 2021, 34, 045015.	3.5	3
2	Flux trapping in multi-loop SQUIDs and its impact on SQUID-based absolute magnetometry. Superconductor Science and Technology, 2018, 31, 035001.	3.5	2
3	Performance Optimization of a Three-Dimensional NanoSQUID Based on Niobium Tunnel Nanojunctions. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	0
4	A new family of field-stable and highly sensitive SQUID current sensors based on sub-micrometer cross-type Josephson junctions. Superconductor Science and Technology, 2017, 30, 074010.	3.5	11
5	Absolute calibration of a three-axis SQUID-cascade vector magnetometer. Measurement Science and Technology, 2017, 28, 015107.	2.6	3
6	3D nanoSQUID based on tunnel nano-junctions with an energy sensitivity of $1.3 \text{ h}/i$ at $4.2 \text{ K}$ . Applied Physics Letters, 2017, 111, .	3.3	15
7	Nearly quantum limited nanoSQUIDs based on cross-type Nb/AlO <sub>x</sub> /Nb junctions. Superconductor Science and Technology, 2017, 30, 014001.	3.5	15
8	A three-axis SQUID-based absolute vector magnetometer. Review of Scientific Instruments, 2015, 86, 105002.	1.3	13
9	Investigation of all niobium nano-SQUIDs based on sub-micrometer cross-type Josephson junctions. Superconductor Science and Technology, 2015, 28, 015004.	3.5	25
10	SQUID-based setup for the absolute measurement of the Earth's magnetic field. Superconductor Science and Technology, 2013, 26, 035013.	3.5	22
11	SQIF-based dc SQUID amplifier with intrinsic negative feedback. Superconductor Science and Technology, 2012, 25, 015005.	3.5	5
12	SQUIDs based on submicrometer-sized Josephson tunnel junctions fabricated in a cross-type technology. Superconductor Science and Technology, 2011, 24, 015005.	3.5	16
13	Sub-micrometer-sized, cross-type Nb/AlO <sub>x</sub> /Nb tunnel junctions with low parasitic capacitance. Superconductor Science and Technology, 2009, 22, 064012.	3.5	46