Vyacheslav Zakosarenko

List of Publications by Year
in descending order

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