

Yuri Myasoedov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,086
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	A scanning superconducting quantum interference device with single electron spin sensitivity. Nature Nanotechnology, 2013, 8, 639-644.	31.5	326
2	'Inverse' melting of a vortex lattice. Nature, 2001, 411, 451-454.	27.8	262
3	Self-Aligned Nanoscale SQUID on a Tip. Nano Letters, 2010, 10, 1046-1049.	9.1	141
4	Visualization of superparamagnetic dynamics in magnetic topological insulators. Science Advances, 2015, 1, e1500740.	10.3	129
5	Imaging resonant dissipation from individual atomic defects in graphene. Science, 2017, 358, 1303-1306.	12.6	66
6	Nanoscale imaging of equilibrium quantum Hall edge currents and of the magnetic monopole response in graphene. Nature Physics, 2020, 16, 164-170.	16.7	54
7	Chern mosaic and Berry-curvature magnetism in magic-angle graphene. Nature Physics, 2022, 18, 885-892.	16.7	37
8	Observation of superparamagnetism in coexistence with quantum anomalous Hall $\nu = \pm 1$ and $\nu = 0$ Chern states. Npj Quantum Materials, 2017, 2, .	5.2	23
9	Sputtered $\text{Mo}_{66}\text{Re}_{34}$ SQUID-on-Tip for High-Field Magnetic and Thermal Nanoimaging. Physical Review Applied, 2019, 12, .	3.8	20
10	Electrically Tunable Multiterminal SQUID-on-Tip. Nano Letters, 2016, 16, 6910-6915.	9.1	18
11	Effects of uniaxial pressure on the quantum tunneling of magnetization in a high-symmetry Mn12 single-molecule magnet. Physical Review B, 2017, 95, .	3.2	7
12	Testing the radiation emanating from the molecular nanomagnet Fe_8 during magnetization reversals. Physical Review B, 2014, 90, .	3.2	3