

# Oleksandr Yu Suvorov

## List of Publications by Year in descending order

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14  
papers

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citations

1478505

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1372567

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docs citations

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times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition from Coulomb blockade to resonant transmission regime in superconducting tunnel junctions with W-doped Si barriers. <i>Materials Research Express</i> , 2014, 1, 026001.	1.6	22
2	Tunneling through localized barrier states in superconducting heterostructures. <i>Low Temperature Physics</i> , 2016, 42, 426-428.	0.6	22
3	Analysis of Internally Shunted Josephson Junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, 26, 1-5.	1.7	21
4	Universal Character of Tunnel Conductivity of Metalinsulator-Metal Heterostructures with Nanosized Oxide Barriers. <i>Physics Procedia</i> , 2012, 36, 94-99.	1.2	19
5	Charge Transport in Hybrid Tunnel Superconductorâ€”Quantum Dotâ€”Superconductor Junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 2017, 27, 1-7.	1.7	16
6	Charge transport in superconducting MoReâ€”Si(W)â€”MoRe heterostructures with hybrid semiconductor barrier containing metal nanoclusters. <i>Low Temperature Physics</i> , 2017, 43, 877-881.	0.6	12
7	Small capacitance self-shunted MoReâ€”Si(W)â€”MoRe junctions for SQUIDs applications. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2843-2848.	3.1	5
8	Negative differential conductance in doped-silicon nanoscale devices with superconducting electrodes. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1025-1030.	3.1	3
9	Josephson effect in superconducting junctions with a semiconducting barrier containing metallic nanoclusters. <i>Physica C: Superconductivity and Its Applications</i> , 2019, 566, 1353539.	1.2	2
10	Improved design josephson junctions with hybrid nanostructured barriers. , 2017, , .		1
11	Dissipation effects in superconducting heterostructures with tungsten nanorods as weak links. <i>Low Temperature Physics</i> , 2018, 44, 252-256.	0.6	1
12	Charge Transport with Many-Electron Processes in Tunnel Junctions with Hybrid Barriers. , 2018, , .		0
13	Structure and Transport Characteristics of Tunnel Junctions with Hybrid Semiconductor Barriers with Quantum Dots. <i>Acta Physica Polonica A</i> , 2018, 133, 1060-1064.	0.5	0
14	Influence of external microwave radiation on transport characteristics of superconducting MoRe-Si(W)-MoRe junctions. <i>Low Temperature Physics</i> , 2021, 47, 908-911.	0.6	0