Oleksandr Yu Suvorov

List of Publications by Year
in descending order

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14	124	1478505 6	1372567 10
papers	citations	h-index	g-index

14	14	14	30
all docs	docs citations	times ranked	citing authors

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