

Vyacheslav S Zharinov

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

269
citations

840776

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940533

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16
docs citations

16
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically Driven Unidirectional Optical Nanoantennas. Nano Letters, 2017, 17, 7433-7439.	9.1	56
2	Thermal and quantum depletion of superconductivity in narrow junctions created by controlled electromigration. Nature Communications, 2016, 7, 10560.	12.8	41
3	Highly active oxygen evolution reaction model electrode based on supported gas-phase NiFe clusters. Catalysis Today, 2019, 334, 59-67.	4.4	20
4	Statistics of localized phase slips in tunable width planar point contacts. Scientific Reports, 2017, 7, 44569.	3.3	17
5	Healing Effect of Controlled Anti-Electromigration on Conventional and High-T _c Superconducting Nanowires. Small, 2017, 13, 1700384.	10.0	15
6	Direct visualization of vortex ice in a nanostructured superconductor. Physical Review B, 2017, 96, .	3.2	15
7	Decorating graphene with size-selected few-atom clusters: a novel approach to investigate graphene-particle interactions. Nanoscale, 2017, 9, 10494-10501.	5.6	15
8	Tunable artificial vortex ice in nanostructured superconductors with a frustrated kagome lattice of paired antidots. Physical Review B, 2018, 97, .	3.2	14
9	Mapping degenerate vortex states in a kagome lattice of elongated antidots via scanning Hall probe microscopy. Physical Review B, 2017, 96, .	3.2	13
10	Nano-SQUIDs with controllable weak links created via current-induced atom migration. Nanoscale, 2018, 10, 21475-21482.	5.6	13
11	Controlled electromigration protocol revised. Review of Scientific Instruments, 2018, 89, 043904.	1.3	12
12	Electronic Detection of Oxygen Adsorption and Size-Specific Doping of Few-Atom Gold Clusters on Graphene. Advanced Materials Interfaces, 2018, 5, 1801274.	3.7	11
13	Room temperature single electron transistor based on a size-selected aluminium cluster. Nanoscale, 2020, 12, 1164-1170.	5.6	11
14	A platinum-nickel bimetallic nanocluster ensemble-on-polyaniline nanofilm for enhanced electrocatalytic oxidation of dopamine. Nanoscale, 2020, 12, 6047-6056.	5.6	9
15	Stability of degenerate vortex states and multi-quanta confinement effects in a nanostructured superconductor with Kagome lattice of elongated antidots. New Journal of Physics, 2018, 20, 093030.	2.9	6
16	Structural and electrical properties of AlN layers grown on silicon by reactive RF magnetron sputtering. AIP Conference Proceedings, 2016, , .	0.4	1