

# Vyacheslav S Zharinov

## List of Publications by Year in descending order

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16  
papers

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citations

840776

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docs citations

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times ranked

460  
citing authors

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