

Evgeny Korostylev

List of Publications by Year in descending order

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19
papers

508
citations

1040056

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888059

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times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Ferroelectric Switching Endurance of La-Doped Hf _{0.5} Zr _{0.5} O ₂ Thin Films. ACS Applied Materials & Interfaces, 2018, 10, 2701-2708.	8.0	207
2	Mitigating wakeup effect and improving endurance of ferroelectric HfO ₂ -ZrO ₂ thin films by careful La-doping. Journal of Applied Physics, 2019, 125, .	2.5	110
3	Ferroelectric properties of lightly doped La:HfO ₂ thin films grown by plasma-assisted atomic layer deposition. Applied Physics Letters, 2017, 111, .	3.3	69
4	Next-Generation Theranostic Agents Based on Polyelectrolyte Microcapsules Encoded with Semiconductor Nanocrystals: Development and Functional Characterization. Nanoscale Research Letters, 2018, 13, 30.	5.7	18
5	Temperature controlled Ru and RuO ₂ growth via O* radical-enhanced atomic layer deposition with Ru(EtCp) ₂ . Journal of Chemical Physics, 2019, 151, 204701.	3.0	18
6	Impact of the Atomic Layer-Deposited Ru Electrode Surface Morphology on Resistive Switching Properties of TaO _x -Based Memory Structures. ACS Applied Materials & Interfaces, 2020, 12, 55331-55341.	8.0	14
7	Controlling Charge Transfer from Quantum Dots to Polyelectrolyte Layers Extends Prospective Applications of Magneto-Optical Microcapsules. ACS Applied Materials & Interfaces, 2020, 12, 35882-35894.	8.0	12
8	Nanoscale Doping and Its Impact on the Ferroelectric and Piezoelectric Properties of Hf _{0.5} Zr _{0.5} O ₂ . Nanomaterials, 2022, 12, 1483.	4.1	12
9	Broadband lumped-element Josephson parametric amplifier with single-step lithography. Applied Physics Letters, 2019, 114, .	3.3	11
10	Mid-Cretaceous Tuor-Yuryakh Section of Kotelnyi Island, New Siberian Islands: How Does the Probable Basement of Sedimentary Cover of the Laptev Sea Look on Land?. Stratigraphy and Geological Correlation, 2018, 26, 403-432.	0.8	10
11	Impedance spectroscopy of single bacterial nanofilament reveals water-mediated charge transfer. PLoS ONE, 2018, 13, e0191289.	2.5	8
12	Green Lithography for Delicate Materials. Advanced Functional Materials, 2021, 31, 2101533.	14.9	7
13	Nanocomposites based on polymethylmethacrylate and silica. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 1039-1042.	0.6	3
14	Luminescent properties of diamond single crystals of pyramidal shape. Physics of the Solid State, 2016, 58, 2307-2311.	0.6	3
15	Using electron backscatter diffraction to investigate the influence of mechanical polishing on the state of the surface of diamond. Journal of Surface Investigation, 2017, 11, 125-129.	0.5	3
16	Erosion cell formation in the pulseless negative corona discharge. Bulletin of the Lebedev Physics Institute, 2015, 42, 71-76.	0.6	2
17	Bremsstrahlung of nonrelativistic electrons in metals with allowance made for the polarization channel. Journal of Experimental and Theoretical Physics, 2010, 110, 107-113.	0.9	1
18	Structure and hydration processes in perfluorinated bilayer cation-exchange membranes. Russian Journal of Electrochemistry, 2011, 47, 395-403.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Nanoparticle-Doped Hybrid Polyelectrolyte Microcapsules with Controlled Photoluminescence for Potential Bioimaging Applications. <i>Polymers</i> , 2021, 13, 4076.	4.5	0