

Sergey V Dubkov

List of Publications by Year in descending order

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43
papers

332
citations

840776

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888059

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all docs

43
docs citations

43
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of gold on modern bimetallic Au-Cu/MWCNT catalysts for the oxy-steam reforming of methanol. <i>Catalysis Science and Technology</i> , 2016, 6, 4168-4183.	4.1	36
2	Photocatalytic Reduction of CO ₂ Over Me (Pt, Pd, Ni, Cu)/TiO ₂ Catalysts. <i>Topics in Catalysis</i> , 2020, 63, 113-120.	2.8	36
3	Optimization of nanostructures based on Au, Ag, Au Ag nanoparticles formed by thermal evaporation in vacuum for SERS applications. <i>Applied Surface Science</i> , 2019, 489, 701-707.	6.1	30
4	Structure and piezoelectric properties of Sm-doped BiFeO ₃ ceramics near the morphotropic phase boundary. <i>Materials Research Bulletin</i> , 2019, 112, 420-425.	5.2	22
5	Growth of carbon nanotube arrays on various Cu-Mg alloy films by chemical vapour deposition method. <i>Journal of Materials Science and Technology</i> , 2018, 34, 472-480.	10.7	19
6	Effect of electrolyte temperature on the cathodic deposition of Ge nanowires on In and Sn particles in aqueous solutions. <i>Semiconductors</i> , 2017, 51, 1067-1071.	0.5	18
7	The structural origin of composition-driven magnetic transformation in BiFeO ₃ -based multiferroics: a neutron diffraction study. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6085-6090.	5.5	16
8	Carbon Nanotubes: Properties, Synthesis, and Application. <i>Fibre Chemistry</i> , 2018, 50, 297-300.	0.2	15
9	Efficient removal of the carbon deposits formed during the mixed methane reforming over Ni/Al ₂ O ₃ . <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 209-215.	2.7	14
10	Pyroelectricity in graphene oxide doped P(VDF-TrFE) films. <i>Polymer Testing</i> , 2018, 71, 296-300.	4.8	13
11	Adsorption and Photocatalytic Reduction of Carbon Dioxide on TiO ₂ . <i>Catalysts</i> , 2021, 11, 47.	3.5	11
12	Non-monotonic dependence of temperature of Au nanometer films dissociation into droplets on their thickness on Al ₂ O ₃ surface. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 67-71.	2.3	8
13	Use of thin film of a Co ₁₅ Ti ₄₀ Ni ₃₅ alloy for CVD catalytic growth of carbon nanotubes. <i>Russian Microelectronics</i> , 2016, 45, 98-104.	0.5	8
14	Fischer-Tropsch synthesis over various Fe/Al ₂ O ₃ -Cr ₂ O ₃ catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 124, 545-561.	1.7	8
15	SERS in red spectrum region through array of Ag-Cu composite nanoparticles formed by vacuum-thermal evaporation. <i>Optical Materials: X</i> , 2020, 7, 100055.	0.8	7
16	Formation of Cu-Rh alloy nanoislands on TiO ₂ for photoreduction of carbon dioxide. <i>Journal of Alloys and Compounds</i> , 2022, 904, 164012.	5.5	7
17	Modern Ni and Pd-Ni Catalysts Supported on Sn-Al Binary Oxide for Oxy-steam Reforming of Methanol. <i>Energy Technology</i> , 2018, 6, 1687-1699.	3.8	6
18	Alloying effects at bicomponent Au-Cu and In-Sn particle arrays formation by vacuum-thermal evaporation. <i>Materials Research Bulletin</i> , 2019, 112, 438-444.	5.2	6

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19	Specific features of the structure and properties of carbon nanocolumns formed by low-temperature chemical vapor deposition. <i>Semiconductors</i> , 2013, 47, 1703-1706.	0.5	5
20	Effect of combined Ca/Ti and Ca/Nb substitution on the crystal and magnetic structure of BiFeO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 491, 165561.	2.3	5
21	Weak ferromagnetic state in the polar phase of Bi _{1-x} CaxFe _{1-x/2} Nbx/2O ₃ multiferroics. <i>Materials Letters</i> , 2019, 235, 46-48.	2.6	5
22	Effect of the AACVD based synthesis atmosphere on the structural properties of multi-walled carbon nanotubes. <i>Arabian Journal of Chemistry</i> , 2020, 13, 835-850.	4.9	5
23	Electron microscopy studies of crystallites in carbon nanopillars grown by low-temperature plasma-enhanced chemical-vapor deposition. <i>Journal of Surface Investigation</i> , 2017, 11, 226-233.	0.5	4
24	Growth of vertically aligned multiwalled carbon nanotubes forests on metal alloy Ni-Nb-N with low content of catalyst. <i>Journal of Physics: Conference Series</i> , 2016, 741, 012030.	0.4	3
25	Magnetic properties of cobaltites doped with chromium, gallium, and iron ions. <i>Physics of the Solid State</i> , 2016, 58, 293-295.	0.6	3
26	Investigation of Ag nanoparticles fusion process by subsequent vacuum thermal evaporation. , 2017, , .		3
27	Monometallic Ru, Au, and Pt Catalysts Deposited on Carbon Nanotubes for Oxidative Steam Reforming of Methanol. <i>Fibre Chemistry</i> , 2018, 50, 301-305.	0.2	3
28	Temperature-driven structural transformations in Ca/Ti- and Ba/Ti-doped BiFeO ₃ . <i>Materials Letters</i> , 2019, 254, 305-308.	2.6	3
29	Study of growth kinetics of amorphous carbon nanopillars formed by PECVD. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
30	Synthesis and Characterization of CNT-TiO ₂ Composite Material Based on Ni-Ti-O. <i>Materials Today: Proceedings</i> , 2018, 5, 15943-15948.	1.8	2
31	Electron Diffraction Analysis of the Structure of Carbon Nanopillars along the Growth Direction. <i>Journal of Surface Investigation</i> , 2018, 12, 473-479.	0.5	2
32	Supported Ru [~] Ni Catalysts for Biogas and Biohydrogen Conversion into Syngas. <i>Kinetics and Catalysis</i> , 2018, 59, 509-513.	1.0	2
33	Carbon Deposits Formed on the Surface of Ru [~] Ni Catalysts During the Mixed Reforming of Methane Process. <i>Kinetics and Catalysis</i> , 2018, 59, 372-377.	1.0	2
34	Formation of carbon nanotubes on an amorphous Ni ₂₅ Ta ₅₈ N ₁₇ alloy film by chemical vapor deposition. <i>Semiconductors</i> , 2016, 50, 1748-1752.	0.5	1
35	SERS of a-C Thin Film on Ag, Au, Ag _{0.52} -Au _{0.48} Alloy Nanoparticle Arrays with Normal Particles Size Distribution Formed by Vacuum Thermal Evaporation. <i>Defect and Diffusion Forum</i> , 2018, 386, 250-255.	0.4	1
36	Development of a 3D Printing Technique for PVDF Thin Films for Sensor Elements of Electronic Devices. , 2020, , .		1

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37	Formation of carbonic nanostructures using PECVD and glow-discharge plasma at direct current. Proceedings of SPIE, 2009, , .	0.8	0
38	Low-temperature process of the formation of tubular and graphene carbon structures. Semiconductors, 2011, 45, 1705-1708.	0.5	0
39	Formation of gold and silver cluster arrays using vacuum-thermal evaporation on a non-heated substrate. , 2014, , .		0
40	Study of the vibration-sensitive piezoelectric element based on ZnO nanowires and porous electrode. Russian Microelectronics, 2014, 43, 491-495.	0.5	0
41	The features of CNT growth on catalyst-content amorphous alloy layer by CVD-method. Proceedings of SPIE, 2016, , .	0.8	0
42	CVD-growth of MWCNT arrays on Me-Ct-N-(O) thin films. Journal of Physics: Conference Series, 2017, 829, 012002.	0.4	0
43	Ferromagneticâ€“antiferromagnetic transition and magnetotransport properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-\hat{x}}\text{Ni}_x\text{O}_3$ perovskites. Materials Research Express, 2017, 4, 106109.	1.6	0