Sergey V Dubkov

List of Publications by Year
in descending order

43	332	840776 11	888059 17
papers	citations	h-index	g-index

43	43	43	378
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formation of Cu-Rh alloy nanoislands on TiO2 for photoreduction of carbon dioxide. Journal of Alloys and Compounds, 2022, 904, 164012.	5.5	7
2	Adsorption and Photocatalytic Reduction of Carbon Dioxide on TiO2. Catalysts, 2021, 11, 47.	3.5	11
3	Effect of the AACVD based synthesis atmosphere on the structural properties of multi-walled carbon nanotubes. Arabian Journal of Chemistry, 2020, 13, 835-850.	4.9	5
4	SERS in red spectrum region through array of Agâ€“Cu composite nanoparticles formed by vacuum-thermal evaporation. Optical Materials: X, 2020, 7, 100055.	0.8	7
5	Photocatalytic Reduction of CO2 Over Me (Pt, Pd, Ni, Cu)/TiO2 Catalysts. Topics in Catalysis, 2020, 63, 113-120.	2.8	36
6	Development of a 3D Printing Technique for PVDF Thin Films for Sensor Elements of Electronic Devices. , 2020, , .		1
7	Efficient removal of the carbon deposits formed during the mixed methane reforming over Ni/Al2O3. Korean Journal of Chemical Engineering, 2020, 37, 209-215.	2.7	14
8	Structure and piezoelectric properties of Sm-doped BiFeO3 ceramics near the morphotropic phase boundary. Materials Research Bulletin, 2019, 112, 420-425.	5.2	22
9	Effect of combined Ca/Ti and Ca/Nb substitution on the crystal and magnetic structure of BiFeO3. Journal of Magnetism and Magnetic Materials, 2019, 491, 165561.	2.3	5
10	Temperature-driven structural transformations in Ca/Ti- and Ba/Ti-doped BiFeO3. Materials Letters, 2019, 254, 305-308.	2.6	3
11	Optimization of nanostructures based on Au, Ag, Au Ag nanoparticles formed by thermal evaporation in vacuum for SERS applications. Applied Surface Science, 2019, 489, 701-707.	6.1	30
12	The structural origin of composition-driven magnetic transformation in BiFeO₃-based multiferroics: a neutron diffraction study. Journal of Materials Chemistry C, 2019, 7, 6085-6090.	5.5	16
13	Alloying effects at bicomponent Au-Cu and In-Sn particle arrays formation by vacuum-thermal evaporation. Materials Research Bulletin, 2019, 112, 438-444.	5.2	6
14	Weak ferromagnetic state in the polar phase of Bi1â^'xCaxFe1â^'x/2Nbx/2O3 multiferroics. Materials Letters, 2019, 235, 46-48.	2.6	5
15	Modern Ni and Pdâ€“Ni Catalysts Supported on Snâ€“Al Binary Oxide for Oxyâ€Steam Reforming of Methanol. Energy Technology, 2018, 6, 1687-1699.	3.8	6
16	Fischerâ€“Tropsch synthesis over various Fe/Al2O3â€“Cr2O3 catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2018, 124, 545-561.	1.7	8
17	Growth of carbon nanotube arrays on various CtxMey alloy films by chemical vapour deposition method. Journal of Materials Science and Technology, 2018, 34, 472-480.	10.7	19
18	Monometallic Ru, Au, and Pt Catalysts Deposited on Carbon Nanotubes for Oxidative Steam Reforming of Methanol. Fibre Chemistry, 2018, 50, 301-305.	0.2	3

#	Article	IF	Citations
19	Carbon Nanotubes: Properties, Synthesis, and Application. Fibre Chemistry, 2018, 50, 297-300.	0.2	15
20	Synthesis and Characterization of CNT-TiO 2 Composite Material Based on Ni-Ti-O. Materials Today: Proceedings, 2018, 5, 15943-15948.	1.8	2
21	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. Defect and Diffusion Forum, 2018, 386, 250-255.	0.4	1
22	Pyroelectricity in graphene oxide doped P(VDF-TrFE) films. Polymer Testing, 2018, 71, 296-300.	4.8	13
23	Electron Diffraction Analysis of the Structure of Carbon Nanopillars along the Growth Direction. Journal of Surface Investigation, 2018, 12, 473-479.	0.5	2
24	Supported Ruâ^'Ni Catalysts for Biogas and Biohydrogen Conversion into Syngas. Kinetics and Catalysis, 2018, 59, 509-513.	1.0	2
25	Carbon Deposits Formed on the Surface of Ruâ€"Ni Catalysts During the Mixed Reforming of Methane Process. Kinetics and Catalysis, 2018, 59, 372-377.	1.0	2
26	Investigation of Ag nanoparticles fusion process by subsequent vacuum thermal evaporation. , 2017, , .		3
27	CVD-growth of MWCNT arrays on Me-Ct-N-(O) thin films. Journal of Physics: Conference Series, 2017, 829, 012002.	0.4	0
28	Electron microscopy studies of crystallites in carbon nanopillars grown by low-temperature plasma-enhanced chemical-vapor deposition. Journal of Surface Investigation, 2017, 11, 226-233.	0.5	4
29	Ferromagneticâ€"antiferromagnetic transition and magnetotransport properties of La0.7Sr0.3Mn1â^'xNixO3perovskites. Materials Research Express, 2017, 4, 106109.	1.6	0
30	Effect of electrolyte temperature on the cathodic deposition of Ge nanowires on in and Sn particles in aqueous solutions. Semiconductors, 2017, 51, 1067-1071.	0.5	18
31	Use of thin film of a Co15Ti40N35 alloy for CVD catalytic growth of carbon nanotubes. Russian Microelectronics, 2016, 45, 98-104.	0.5	8
32	The features of CNT growth on catalyst-content amorphous alloy layer by CVD-method. Proceedings of SPIE, 2016, , .	0.8	0
33	Growth of vertically aligned multiwalled carbon nanotubes forests on metal alloy Ni-Nb-N with low content of catalyst. Journal of Physics: Conference Series, 2016, 741, 012030.	0.4	3
34	Formation of carbon nanotubes on an amorphous Ni25Ta58N17 alloy film by chemical vapor deposition. Semiconductors, 2016, 50, 1748-1752.	0.5	1
35	Magnetic properties of cobaltites doped with chromium, gallium, and iron ions. Physics of the Solid State, 2016, 58, 293-295.	0.6	3
36	The effect of gold on modern bimetallic Auâ€"Cu/MWCNT catalysts for the oxy-steam reforming of methanol. Catalysis Science and Technology, 2016, 6, 4168-4183.	4.1	36

#	Article	IF	Citations
37	Formation of gold and silver cluster arrays using vacuum-thermal evaporation on a non-heated substrate. , 2014, , .		0
38	Study of growth kinetics of amorphous carbon nanopillars formed by PECVD. Proceedings of SPIE, 2014, , .	0.8	2
39	Study of the vibration-sensitive piezoelectric element based on ZnO nanowires and porous electrode. Russian Microelectronics, 2014, 43, 491-495.	0.5	0
40	Specific features of the structure and properties of carbon nanocolumns formed by low-temperature chemical vapor deposition. Semiconductors, 2013, 47, 1703-1706.	0.5	5
41	Low-temperature process of the formation of tubular and graphene carbon structures. Semiconductors, 2011, 45, 1705-1708.	0.5	0
42	Non-monotonic dependence of temperature of Au nanometer films dissociation into droplets on their thickness on Al2O3 surface. Applied Physics A: Materials Science and Processing, 2010, 99, 67-71.	2.3	8
43	Formation of carbonic nanostructures using PECVD and glow-discharge plasma at direct current. Proceedings of SPIE, 2009, , .	0.8	0