

Vasileva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

430
citations

12
h-index

18
g-index

56
ext. papers

472
ext. citations

2
avg, IF

3.31
L-index

#	Paper	IF	Citations
56	Ti/TiO ₂ -CoWO ₄ -Co ₃ (PO ₄) ₂ composites: Plasma electrolytic synthesis, optoelectronic properties, and solar light-driven photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2021 , 863, 158066	5.7	1
55	Plasma Electrolytic Synthesis and Characteristics of WO ₃ /FeO/Fe ₂ O ₃ and WO ₃ /FeO/Fe ₂ (WO ₄) ₃ Heterostructures. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2021 , 57, 543-549	0.9	
54	Preparation and Photocatalytic Properties of Bi ₂ O ₃ /Bi ₂ SiO ₅ Heterostructures. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 943-949	1.5	1
53	Role and behavior of ultra-thin gold films on the fiber materials surface in the CO oxidation process. <i>Journal of Alloys and Compounds</i> , 2021 , 852, 157042	5.7	1
52	Plasma electrolytic synthesis and characterization of oxide coatings with MWO ₄ (M = Co, Ni, Cu) as photo-Fenton heterogeneous catalysts. <i>Surface and Coatings Technology</i> , 2021 , 424, 127640	4.4	1
51	Advanced Methods for the Formation of Crust Catalysts for Oxidative Desulfurization. <i>Kinetics and Catalysis</i> , 2021 , 62, 828-837	1.5	
50	Features of Coalescence of Gold on the Surface of Different Supports during Catalytic Oxidation of CO. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2021 , 57, 1172-1179	0.9	
49	Oxidative destruction of phenol on Fe/SiO catalysts. <i>Water Science and Technology</i> , 2020 , 81, 2189-2201	2.2	0
48	Preparation and Study of Ti/TiO ₂ /SbO _x pH Electrodes. <i>Journal of Analytical Chemistry</i> , 2020 , 75, 246-253	1.1	1
47	On the Effect of an Electrolyte and Impregnating Solution on Microcrystal Growth on the Surface of W-Containing PEO Coatings on Titanium at Oxidative Annealing. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020 , 56, 1201-1209	0.9	2
46	Effect of the Composition of Oxide Layers Formed by Plasma Electrolytic Oxidation on the Mechanism of Peroxide Oxidative Desulfurization. <i>Kinetics and Catalysis</i> , 2020 , 61, 283-290	1.5	3
45	Thermally Stimulated Evolution of the Surface of Ni- and Cu-Containing Plasma-Electrolytic Oxide Coatings on Titanium. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2019 , 55, 719-728	0.9	
44	Plasma Electrolytic Formation of WO ₃ -CuO or WO ₃ -CuWO ₄ Oxide Layers on Titanium. <i>Key Engineering Materials</i> , 2019 , 806, 51-56	0.4	3
43	The Effect of Acetonitrile Additives to Tetraborate Electrolyte on the Composition and Morphology of PEO Layers on Titanium. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2019 , 55, 473-480	0.9	1
42	Thermally Controlled Formation of WO ₃ Nano- and Microcrystals on the Surface of Coatings Produced on Titanium by Plasma Electrolytic Oxidation. <i>Inorganic Materials</i> , 2019 , 55, 681-686	0.9	6
41	Thermal Transformation of the Surface of Mn-, W-Containing Plasma Electrolytic Oxide Coatings on Titanium. <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 1674-1679	0.8	1
40	FeO _x /SiO ₂ /TiO ₂ /Ti composites prepared using plasma electrolytic oxidation as photo-Fenton-like catalysts for phenol degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 356, 38-45	4.7	10

39	Composition, structure, and photocatalytic properties of Fe-containing oxide layers on titanium. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017 , 53, 879-888	0.9	4
38	Photocatalytic properties of Zn- and Cd-containing oxide layers on titanium formed by plasma electrolytic oxidation. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017 , 53, 711-715	0.9	3
37	W-containing oxide layers obtained on aluminum and titanium by PEO as catalysts in thiophene oxidation. <i>Applied Surface Science</i> , 2017 , 422, 1007-1014	6.7	16
36	Ti/TiO ₂ indicator electrodes formed by plasma electrolytic oxidation for potentiometric analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 96, 1128-1144	1.8	3
35	Characterization and photocatalytic activity of SiO ₂ , FeO _x coatings formed by plasma electrolytic oxidation of titanium. <i>Surface and Coatings Technology</i> , 2016 , 307, 1310-1314	4.4	7
34	Aluminum- and titanium-supported plasma electrolytic multicomponent coatings with magnetic, catalytic, biocide or biocompatible properties. <i>Surface and Coatings Technology</i> , 2016 , 307, 1219-1235	4.4	26
33	WO _x , SiO ₂ , TiO ₂ /Ti composites, fabricated by means of plasma electrolytic oxidation, as catalysts of ethanol dehydration into ethylene. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 968-973	0.7	7
32	Silicate anodic coatings on aluminum containing oxides of cobalt and/or copper and/or cerium and their activity in CO oxidation. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2015 , 51, 821-828	0.9	2
31	Fabrication of oxide coatings containing bismuth silicate or bismuth titanate on titanium. <i>Vacuum</i> , 2015 , 122, 59-65	3.7	3
30	Formation, composition, structure, and catalytic activity in CO oxidation of SiO ₂ + TiO ₂ /Ti composite before and after modification by MnO _x or CoO _x . <i>Surface and Coatings Technology</i> , 2015 , 275, 84-89	4.4	9
29	The porous structure of silicon-containing surface layers formed on titanium by plasma-electrolytic oxidation. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2014 , 50, 499-507	0.9	6
28	Composition, Surface Structure and Catalytic Properties of Manganese- and Cobalt-Containing Oxide Layers on Titanium. <i>Advanced Materials Research</i> , 2014 , 875-877, 351-355	0.5	2
27	An effect of heat processing on catalytic activity of a system MnO _x , SiO ₂ /TiO ₂ /Ti. <i>Russian Journal of Applied Chemistry</i> , 2013 , 86, 112-115	0.8	2
26	Electroanalytical properties of metal oxide electrodes formed by plasma electrolytic oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 689, 262-268	4.1	24
25	Behavior of a ruthenium-titanium oxide film electrode (RTOE) in potentiometry. <i>Journal of Analytical Chemistry</i> , 2012 , 67, 550-554	1.1	1
24	The effect of annealing on the composition and morphology of the surface of Ni-containing oxide layers on titanium formed by plasma-electrolytic method. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 575-579	0.8	5
23	Deposition of cobalt-containing films on titanium by plasma electrolytic oxidation. <i>Russian Journal of Applied Chemistry</i> , 2012 , 85, 953-956	0.8	3
22	Producing and studying oxide coatings containing manganese and nickel compounds on titanium from electrolyte suspensions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2012 , 48, 106-115	0.9	12

21	Thermal behavior of Ni- and Cu-containing plasma electrolytic oxide coatings on titanium. <i>Applied Surface Science</i> , 2012 , 258, 8667-8672	6.7	15
20	Thermal behavior and catalytic activity in naphthalene destruction of Ce-, Zr- and Mn-containing oxide layers on titanium. <i>Applied Surface Science</i> , 2011 , 258, 719-726	6.7	26
19	Distribution of elements in the surface layer of plasma-electrolytic coatings formed on titanium in electrolytes with MnO ₂ particles. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1798-1803	0.7	2
18	Titanium-supported nickel-copper oxide catalysts for oxidation of carbon(II) oxide. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 1557-1562	0.7	20
17	Plasma-electrochemical formation of oxide layers on titanium in aqueous electrolytes with trilonate complexes of manganese. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 434-439	0.8	9
16	Producing and investigating oxide coatings containing manganese and nickel compounds on titanium from electrolyte suspensions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2010 , 46, 593-598	0.9	5
15	Cobalt-containing oxide layers on titanium, their composition, morphology, and catalytic activity in CO oxidation. <i>Applied Surface Science</i> , 2010 , 257, 1239-1246	6.7	34
14	Certain characteristics of nickel-containing and copper-containing oxide-phosphate layers on titanium. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 576-579	0.9	1
13	Surface structure of multicomponent oxide coatings on titanium. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 709-712	0.9	4
12	Nickel- and copper-containing oxide films on titanium. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 1708-1712	1.5	6
11	Catalytic properties of aluminum/nickel-, copper-containing oxide film compositions. <i>Kinetics and Catalysis</i> , 2008 , 49, 439-445	1.5	18
10	Ni- and Cu-containing oxide layers on aluminum: Formation, composition, and catalytic properties. <i>Doklady Physical Chemistry</i> , 2007 , 415, 183-185	0.8	15
9	Cobalt-containing layers on titanium. <i>Inorganic Materials</i> , 2007 , 43, 642-644	0.9	8
8	Plasma-electrolytic formation, composition and catalytic activity of manganese oxide containing structures on titanium. <i>Applied Surface Science</i> , 2005 , 252, 1211-1220	6.7	60
7	Composition and Catalytic Activity of Plasma-Electrolytic Manganese Oxide Films on Titanium, Modified with Silver Compounds. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 1859-1863	0.8	7
6	On the Surface Structure of Coatings Formed by Anodic Spark Method. <i>Protection of Metals</i> , 2004 , 40, 352-357		7
5	Catalytic Activity of Manganese-containing Layers Formed by Anodic-Spark Deposition. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 218-221	0.8	7
4	Influence of plasma-electrolytic treatment of titanium on the composition and properties of ruthenium-titanium oxide anodes. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1945-1950	0.8	4

- 3 MORPHOLOGICAL ELEMENTS OF THE RuO₂/TiO₂ COATING AS DISPLAYED AT DIFFERENT SCALE LEVELS AND POSSIBLE MODELS OF ITS CONDUCTIVITY. *Surface Review and Letters*, **2003**, 10, 101-104 1.1 2
- 2 Manganese-Containing Anodic Layers on Titanium. *Russian Journal of Applied Chemistry*, **2003**, 76, 1059-1066 1.6 2
- 1 Phase Composition of Coatings Formed on Titanium in Borate Electrolyte by Microarch Oxidation. *Russian Journal of Applied Chemistry*, **2002**, 75, 569-572 0.8 12