A V Yakovlev

List of Publications by Citations

24 papers	146 citations	5 h-index	11 g-index
27 ext. papers	202 ext. citations	1.5 avg, IF	3.08 L-index

#	Paper	IF	Citations
24	Thermally expanded graphite: Synthesis, properties, and prospects for use. *Russian Journal of Applied Chemistry*, **2006**, 79, 1741-1751	0.8	63
23	Reinforcement of Epoxy Composites with Graphite-Graphene Structures. *Scientific Reports*, **2019**, 9, 16246	4.9	16
22	Electrochemical Synthesis of Multilayer Graphene Oxide by Anodic Oxidation of Disperse Graphite. *Russian Journal of Electrochemistry*, **2019**, 55, 1196-1202	1.2	16
21	Epoxy Nanocomposites Reinforced with Functionalized Carbon Nanotubes. *Polymers*, **2020**, 12,	4.5	12
20	Use of thermally expanded graphite in water-purification and water-treatment systems. *Russian Journal of Applied Chemistry*, **2004**, 77, 1815-1817	0.8	6
19	A study of the possibility of anodic oxidation of suspensions formed by dispersed graphite and nitric acid. *Russian Journal of Applied Chemistry*, **2006**, 79, 1600-1604	0.8	5
18	Reinforced Epoxy Composites Modified with Functionalized Graphene Oxide.. *Polymers*, **2022**, 14,	4.5	5
17	Electrochemical processes on graphite powder electrodes in HNO3 solutions. *Russian Journal of Applied Chemistry*, **2010**, 83, 820-825	0.8	4
16	Physicomechanical properties of nickel coating deposited from sulfate nickel plating electrolyte using preliminary underpotential deposition. *Russian Journal of Applied Chemistry*, **2017**, 90, 1454-1458	0.8	3
15	Directional control of physico-chemical and mechanical properties of epoxide composites by the addition of graphite-graphene structures. *Polymer-Plastics Technology and Materials*, **2020**, 59, 874-883	1.5	3
14	On the Electrochemical Deposition and Properties of Nickel-Based Composite Coatings. *Protection of Metals and Physical Chemistry of Surfaces*, **2020**, 56, 374-378	0.9	2
13	Synthesis of Multilayer Graphene Oxide in Electrochemical Graphite Dispersion in H2SO4. *Russian Journal of Applied Chemistry*, **2020**, 93, 219-224	0.8	2
12	Electrode for a Supercapacitor Based on Electrochemically Synthesized Multilayer Graphene Oxide. *Russian Journal of Applied Chemistry*, **2021**, 94, 370-378	0.8	2
11	Study of Electrodeposition and Functional Properties of Nickel-Graphite Bisulfate Composite Coatings. *Russian Journal of Applied Chemistry*, **2019**, 92, 614-619	0.8	1
10	Electrochemical Synthesis of Thermally Expandable Graphite Compounds in Nitrate Electrolyte. *Russian Journal of Applied Chemistry*, **2002**, 75, 1598-1604	0.8	1
9	Electrochemical Deposition of Zinc-Based Composite Coatings Modified with Carbon Nanotubes from Alkaline Electrolyte. *Protection of Metals and Physical Chemistry of Surfaces*, **2020**, 56, 1186-1189	0.9	1
8	Electrodeposition of Graphene Oxide Modified Composite Coatings Based on Nickel-Chromium Alloy. *Crystals*, **2021**, 11, 415	2.3	1

7	Tribological Properties of Electrochemical Coatings Based on Nickel. *Chemical and Petroleum Engineering (English Translation of Khimicheskoe I Neftyanoe Mashinostroenie)*, **2018**, 54, 521-524	0.6	1
6	Electrodeposition and Corrosion Properties of Nickel-Graphene Oxide Composite Coatings. *Materials*, **2021**, 14,	3.5	1
5	Graphene Oxide-Chitosan Composites for Water Treatment from Copper Cations. *Water (Switzerland)*, **2022**, 14, 1430	3	1
4	Electrochemical synthesis of multilayer graphene oxide and its application in composite materials. *IOP Conference Series: Materials Science and Engineering*, **2019**, 693, 012003	0.4	0
3	Pulsed Electrodeposition and Properties of Nickel-Based Composite Coatings Modified with Graphene Oxide. *Coatings*, **2022**, 12, 656	2.9	0
2	Effect of Additions of Electrochemically Oxidized Graphite on the Physicochemical and Mechanical Properties of Modified Epoxy Composites. *Russian Journal of Applied Chemistry*, **2019**, 92, 1439-1446	0.8	
1	Electrochemical Deposition of Composite Nickel–Graphene Oxide Coatings in the Reverse Mode. *Protection of Metals and Physical Chemistry of Surfaces*, **2022**, 58, 321-324	0.9	