

Anastassiya A Mashentseva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Novel Cu ₂ O/ZnO@PET Composite Membrane for the Photocatalytic Degradation of Carbendazim. <i>Nanomaterials</i> , 2022, 12, 1724.	1.9	16
2	Application of Silver-Loaded Composite Track-Etched Membranes for Photocatalytic Decomposition of Methylene Blue under Visible Light. <i>Membranes</i> , 2021, 11, 60.	1.4	18
3	Kinetic and Isotherm Study of As(III) Removal from Aqueous Solution by PET Track-Etched Membranes Loaded with Copper Microtubes. <i>Membranes</i> , 2021, 11, 116.	1.4	14
4	KINETIC AND THERMODYNAMIC CHARACTERISTICS OF THE POTASSIUM HEXATIONOFERRATE (III) DECOMPOSITION CATALYTIC REACTION IN THE PRESENCE OF COMPOSITE TRACK-ETCHED MEMBRANES. <i>Vestnik NĀ,C RK</i> , 2021, , 15-24.	0.1	1
5	Photocatalytic Activity of Copper(II) Oxide Nanoparticles Synthesized Using <i>Serratula Coronata</i> L. Extract. <i>Petroleum Chemistry</i> , 2020, 60, 1141-1147.	0.4	6
6	Cu/CuO Composite Track-Etched Membranes for Catalytic Decomposition of Nitrophenols and Removal of As(III). <i>Nanomaterials</i> , 2020, 10, 1552.	1.9	21
7	Synthesis, radical scavenging, and antimicrobial activities of core-shell Au/Ni microtubes. <i>Chemical Papers</i> , 2020, 74, 2189-2199.	1.0	3
8	Accelerated electron-induced regeneration of the catalytic properties of composite membranes with embedded copper nanotubes. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 472, 53-58.	0.6	5
9	Electrochemical Template Synthesis of Copper Nanotubes from Nitrate and Sulfate Electrolytes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 988-993.	0.3	3
10	Catalytic Activity of Composite Track-Etched Membranes Based on Copper Nanotubes in Flow and Static Modes. <i>Petroleum Chemistry</i> , 2019, 59, 552-557.	0.4	10
11	The application of composite ion track membranes with embedded gold nanotubes in the reaction of aminomethylation of acetophenone. <i>Materials Research Express</i> , 2019, 6, 115022.	0.8	5
12	Electron Beam Induced Enhancement of the Catalytic Properties of Ion-Track Membranes Supported Copper Nanotubes in the Reaction of the P-Nitrophenol Reduction. <i>Catalysts</i> , 2019, 9, 737.	1.6	17
13	Effect of the Oxidative Modification and Activation of Templates Based on Poly(ethylene Terephthalate) Properties of Composite Membranes. <i>Petroleum Chemistry</i> , 2019, 59, 1337-1344.	0.4	14
14	Thermal annealing-induced modification of the structure and electrical conductivity of metallic nanotubes embedded in PET track-etched membranes. <i>Chemical Papers</i> , 2018, 72, 173-180.	1.0	2
15	Determination of Optimal Conditions for Electroless Synthesis of Copper Nanotubes in the Polymer Matrix. <i>Russian Journal of General Chemistry</i> , 2018, 88, 1213-1218.	0.3	7
16	Protein fouling of modified microporous PET track-etched membranes. <i>Radiation Physics and Chemistry</i> , 2018, 151, 141-148.	1.4	21
17	Influence of deposition temperature on the structure and catalytic properties of the copper nanotubes composite membranes. <i>Materials Research Express</i> , 2018, 5, 065041.	0.8	17
18	Electron/gamma radiation-induced synthesis and catalytic activity of gold nanoparticles supported on track-etched poly(ethylene terephthalate) membranes. <i>Materials Chemistry and Physics</i> , 2018, 217, 31-39.	2.0	21

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19	Copper nanotube composite membrane as a catalyst in Mannich reaction. Chemical Papers, 2018, 72, 3189-3194.	1.0	19
20	Impact of Testing Temperature on the Structure and Catalytic Properties of Au Nanotubes Composites. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 405.	0.5	4
21	Changes in structural and conducting characteristics of zinc nanotubes by bombardment with Xe ²²⁺ heavy ions. High Energy Chemistry, 2017, 51, 11-16.	0.2	9
22	Composites based on polyethylene terephthalate track-etched membranes and silver as hydrogen peroxide decomposition catalysts. Petroleum Chemistry, 2017, 57, 954-960.	0.4	5
23	The effect of oxidation pretreatment of polymer template on the formation and catalytic activity of Au/PET membrane composites. Chemical Papers, 2017, 71, 2353-2358.	1.0	38
24	Radiation induced deposition of copper nanoparticles inside the nanochannels of poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 2017, 130, 480-487.	1.4	30
25	Modification of Track-Etched PET Membranes by Graft Copolymerization of Acrylic Acid and N-Vinylimidazole. Petroleum Chemistry, 2017, 57, 1233-1241.	0.4	6
26	Variation of polymer-template pore geometry as a means of controlling the magnetic properties of metallic nanostructures. Petroleum Chemistry, 2017, 57, 790-795.	0.4	2
27	Ionizing Radiation Induced Modification of the Copper Nanotubes Structure. Journal of Nano- and Electronic Physics, 2017, 9, 06017-1-06017-6.	0.2	2
28	Synthesis of Si/SiO ₂ /ZnO nanoporous materials using chemical and electrochemical deposition techniques. AIP Conference Proceedings, 2016, , .	0.3	3
29	Controlled template synthesis and properties of cobalt nanotubes. Petroleum Chemistry, 2016, 56, 956-962.	0.4	6
30	Effect of thermal annealing on the structural and conducting properties of zinc nanotubes synthesized in the matrix of track-etched membranes. Petroleum Chemistry, 2016, 56, 330-334.	0.4	5
31	Evaluation of the catalytic activity of the composite track-etched membranes for p-nitrophenol reduction reaction. Petroleum Chemistry, 2015, 55, 810-815.	0.4	16
32	Comparative catalytic activity of PET track-etched membranes with embedded silver and gold nanotubes. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 70-74.	0.6	23
33	UV-induced graft polymerization of acrylic acid in the sub-micronchannels of oxidized PET track-etched membrane. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 419-423.	0.6	22
34	Enhancing hydrophilicity and water permeability of PET track-etched membranes by advanced oxidation process. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 651-655.	0.6	23
35	Temperature Dependent Catalytic Activity of Ag/PET Ion-Track Membranes Composites. Acta Physica Polonica A, 2015, 128, 871-875.	0.2	15
36	The oxidation of PET track-etched membranes by hydrogen peroxide as an effective method to increase efficiency of UV-induced graft polymerization. Chemical Bulletin of Kazakh National University, 2015, , 30-38.	0.1	0

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37	Synthesis, Structure, and Catalytic Activity of Au/Poly(ethylene terephthalate) Composites. <i>Acta Physica Polonica A</i> , 2014, 125, 1263-1267.	0.2	15
38	Synthesis of triterpenoid triazine derivatives from allobetulone and betulonic acid with biological activities. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3292-3300.	1.4	51
39	The effect of oxidizing agents/systems on the properties of track-etched PET membranes. <i>Polymer Degradation and Stability</i> , 2014, 107, 150-157.	2.7	33
40	Allobetulin and Its Derivatives: Synthesis and Biological Activity. <i>Molecules</i> , 2011, 16, 2443-2466.	1.7	74
41	Synthesis and biological activity of the pinostrobin oxime complex compounds with some d-metals. <i>Russian Journal of General Chemistry</i> , 2011, 81, 96-101.	0.3	8