Anastassiya A Mashentseva

List of Publications by Year
in descending order

41	610	566801 15	610482 24
papers	citations	h-index	g-index

43	43	43	498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allobetulin and Its Derivatives: Synthesis and Biological Activity. Molecules, 2011, 16, 2443-2466.	1.7	74
2	Synthesis of triterpenoid triazine derivatives from allobetulone and betulonic acid with biological activities. Bioorganic and Medicinal Chemistry, 2014, 22, 3292-3300.	1.4	51
3	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
4	The effect of oxidizing agents/systems on the properties of track-etched PET membranes. Polymer Degradation and Stability, 2014, 107, 150-157.	2.7	33
5	Radiation induced deposition of copper nanoparticles inside the nanochannels of poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2017, 130, 480-487.	1.4	30
6	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
7	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
8	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
9	Protein fouling of modified microporous PET track-etched membranes. Radiation Physics and Chemistry, 2018, 151, 141-148.	1.4	21
10	Electron/gamma radiation-induced synthesis and catalytic activity of gold nanoparticles supported on track-etched poly(ethylene terephthalate) membranes. Materials Chemistry and Physics, 2018, 217, 31-39.	2.0	21
11	Cu/CuO Composite Track-Etched Membranes for Catalytic Decomposition of Nitrophenols and Removal of As(III). Nanomaterials, 2020, 10, 1552.	1.9	21
12	Copper nanotube composite membrane as a catalyst in Mannich reaction. Chemical Papers, 2018, 72, 3189-3194.	1.0	19
13	Application of Silver-Loaded Composite Track-Etched Membranes for Photocatalytic Decomposition of Methylene Blue under Visible Light. Membranes, 2021, 11, 60.	1.4	18
14	Influence of deposition temperature on the structure and catalytic properties of the copper nanotubes composite membranes. Materials Research Express, 2018, 5, 065041.	0.8	17
15	Electron Beam Induced Enhancement of the Catalytic Properties of Ion-Track Membranes Supported Copper Nanotubes in the Reaction of the P-Nitrophenol Reduction. Catalysts, 2019, 9, 737.	1.6	17
16	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
17	A Novel Cu2O/ZnO@PET Composite Membrane for the Photocatalytic Degradation of Carbendazim. Nanomaterials, 2022, 12, 1724.	1.9	16
18	Synthesis, Structure, and Catalytic Activity of Au/Poly(ethylene terephthalate) Composites. Acta Physica Polonica A, 2014, 125, 1263-1267.	0.2	15

#	Article	IF	Citations
19	Temperature Dependent Catalytic Activity of Ag/PET Ion-Track Membranes Composites. Acta Physica Polonica A, 2015, 128, 871-875.	0.2	15
20	Effect of the Oxidative Modification and Activation of Templates Based on Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (Properties of Composite Membranes. Petroleum Chemistry, 2019, 59, 1337-1344.	0.4	14
21	Kinetic and Isotherm Study of As(III) Removal from Aqueous Solution by PET Track-Etched Membranes Loaded with Copper Microtubes. Membranes, 2021, 11, 116.	1.4	14
22	Catalytic Activity of Composite Track-Etched Membranes Based on Copper Nanotubes in Flow and Static Modes. Petroleum Chemistry, 2019, 59, 552-557.	0.4	10
23	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
24	Synthesis and biological activity of the pinostrobin oxime complex compounds with some d-metals. Russian Journal of General Chemistry, 2011, 81, 96-101.	0.3	8
25	Determination of Optimal Conditions for Electoless Synthesis of Copper Nanotubes in the Polymer Matrix. Russian Journal of General Chemistry, 2018, 88, 1213-1218.	0.3	7
26	Controlled template synthesis and properties of cobalt nanotubes. Petroleum Chemistry, 2016, 56, 956-962.	0.4	6
27	Modification of Track-Etched PET Membranes by Graft Copolymerization of Acrylic Acid and N-Vinylimidazole. Petroleum Chemistry, 2017, 57, 1233-1241.	0.4	6
28	Photocatalytic Activity of Copper(II) Oxide Nanoparticles Synthesized Using Serratula Coronata L. Extract. Petroleum Chemistry, 2020, 60, 1141-1147.	0.4	6
29	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
30	Composites based on polyethylene terephthalate track-etched membranes and silver as hydrogen peroxide decomposition catalysts. Petroleum Chemistry, 2017, 57, 954-960.	0.4	5
31	The application of composite ion track membranes with embedded gold nanotubes in the reaction of aminomethylation of acetophenone. Materials Research Express, 2019, 6, 115022.	0.8	5
32	Accelerated electron-induced regeneration of the catalytic properties of composite membranes with embedded copper nanotubes. Nuclear Instruments & Methods in Physics Research B, 2020, 472, 53-58.	0.6	5
33	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
34	Synthesis of Si/SiO2/ZnO nanoporous materials using chemical and electrochemical deposition techniques. AIP Conference Proceedings, 2016, , .	0.3	3
35	Electrochemical Template Synthesis of Copper Nanotubes from Nitrate and Sulfate Electrolytes. Russian Journal of General Chemistry, 2019, 89, 988-993.	0.3	3
36	Synthesis, radical scavenging, and antimicrobial activities of coreâ€“shell Au/Ni microtubes. Chemical Papers, 2020, 74, 2189-2199.	1.0	3

#	Article	IF	Citations
37	Thermal annealing-induced modification of the structure and electrical conductivity of metallic nanotubes embedded in PET track-etched membranes. Chemical Papers, 2018, 72, 173-180.	1.0	2
38	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
39	Ionizing Radiation Induced Modification of the Copper Nanotubes Structure. Journal of Nano- and Electronic Physics, 2017, 9, 06017-1-06017-6.	0.2	2
40	KINETIC AND THERMODYNAMIC CHARACTERISTICS OF THE POTASSIUM HEXATIONOFERRATE (III) DECOMPOSITION CATALYTIC REACTION IN THE PRESENCE OF COMPOSITE TRACK-ETCHED MEMBRANES. Vestnik NÃ‚C RK, 2021, , 15-24.	0.1	1
41	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