

# Andriy Kytsya

## List of Publications by Year in descending order

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28  
papers

259  
citations

1163117

8  
h-index

996975

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical synthesis of silver nanoparticles by reversible current in solutions of sodium polyacrylate. <i>Colloid and Polymer Science</i> , 2019, 297, 689-695.	2.1	35
2	Kinetics and mechanism of MgH <sub>2</sub> hydrolysis in MgCl <sub>2</sub> solutions. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 40278-40293.	7.1	35
3	The Kinetic Rate Law for the Autocatalytic Growth of Citrate-Stabilized Silver Nanoparticles. <i>International Journal of Chemical Kinetics</i> , 2015, 47, 351-360.	1.6	30
4	Hydrogen Generation by the Hydrolysis of MgH <sub>2</sub> . <i>Materials Science</i> , 2020, 56, 1-14.	0.9	27
5	Tribological Properties of Combined Metal-Oxide Ceramic Layers on Light Alloys. <i>Materials Science</i> , 2012, 48, 180-190.	0.9	24
6	Sonoelectrochemical Synthesis of Silver Nanoparticles in Sodium Polyacrylate Solution. <i>Biointerface Research in Applied Chemistry</i> , 2021, 11, 12202-12214.	1.0	11
7	Electrochemical synthesis of silver nanoparticles in solutions of rhamnolipid. <i>Micro and Nano Letters</i> , 2020, 15, 802-807.	1.3	11
8	Synthesis, structure and hydrogenation properties of Ni-Cu bimetallic nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 1183-1190.	3.1	9
9	Improvement of the Protective Properties of Alkyd Coatings by Nanosized Phosphate Pigments. <i>Materials Science</i> , 2015, 50, 627-633.	0.9	8
10	Silver Nanoparticle Catalysis of the Liquid-Phase Radical Chain Oxidation of Cumene by Molecular Oxygen. <i>Theoretical and Experimental Chemistry</i> , 2017, 52, 369-374.	0.8	8
11	Kinetics of Ag <sub>300</sub> nanoclusters formation: The catalytically effective nucleus via a steady-state approach. <i>International Journal of Chemical Kinetics</i> , 2019, 51, 266-273.	1.6	8
12	Protective Properties of Alkyd Coatings Inhibited by Complex Zeolite-Phosphate Pigment. <i>Materials Science</i> , 2020, 56, 284-289.	0.9	8
13	Magnetically Separable Nanocatalyst Ag@Ni for the Liquid-Phase Oxidation of Cumene. <i>Theoretical and Experimental Chemistry</i> , 2018, 54, 242-246.	0.8	7
14	Microplasma synthesis of silver nanoparticles in PVP solutions using sacrificial silver anodes. <i>Colloid and Polymer Science</i> , 2021, 299, 855-863.	2.1	7
15	Green-Synthesis of Metallic Nanoparticles by Sonoelectrochemical and Sonogalvanic Replacement Methods. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-17.	4.1	5
16	Influence of silver nanoparticles added to lubricating oil on the tribological behavior of combined metal-oxide ceramic layers. <i>Materials Science</i> , 2013, 48, 636-641.	0.9	4
17	Synthesis and Structure of Ni-Based Nanopowders. , 2018, , .		4
18	Synthesis of silver nanoparticles by sonogalvanic replacement on aluminium powder in sodium polyacrylate solutions. <i>Ultrasonics Sonochemistry</i> , 2022, 84, 105951.	8.2	3

#	ARTICLE	IF	CITATIONS
19	MgH <sub>2</sub> –ZrN Composites for Hydrogen Generation by Hydrolysis. Powder Metallurgy and Metal Ceramics, 2022, 60, 698-705.	0.8	3
20	Kinetic model of block photopolymerization of glycidyl methacrylate to high conversion. Journal of Applied Polymer Science, 2002, 86, 3556-3569.	2.6	2
21	Monomolecular chain termination in the kinetics of dimethacrylate postpolymerization. Journal of Applied Polymer Science, 2004, 91, 2376-2382.	2.6	2
22	Kinetics of bimolecular radical decay in different polymeric matrices. Journal of Applied Polymer Science, 2007, 106, 4047-4053.	2.6	2
23	Synthesis and Catalytic Properties of Ni@Ag Bimetallic Nanostructures. , 2018, , .		1
24	Linear Chain Termination in the Kinetics of Postpolymerization of Dimethacrylates. Kinetics and Catalysis, 2004, 45, 497-503.	1.0	0
25	Silver nanoparticles as friction modifiers in steel–steel friction couples. Materials Science, 2013, 48, 743-746.	0.9	0
26	Molecular modeling of Ag <sub>4</sub> cluster formation. Molecular Crystals and Liquid Crystals, 2021, 720, 17-25.	0.9	0
27	Kinetics of macroradicals propagation and decay in polymeric matrix of 1,6-hexanediol diacrylate. Chemistry and Chemical Technology, 2007, 1, 161-164.	1.1	0
28	SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF SILVER NANOPARTICLES STABILIZED BY CITRATE ANIONS. Proceedings of the Shevchenko Scientific Society Series Ďhemical Sciences, 2020, 2020, 127-135.	0.1	0