

Volodymyr Kotsyubynsky

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Green synthesis, structure, cations distribution and bonding characteristics of superparamagnetic cobalt-zinc ferrites nanoparticles for Pb(II) adsorption and magnetic hyperthermia applications. <i>Journal of Molecular Liquids</i> , 2021, 328, 115375.	4.9	72
2	Structure, morphology and adsorption properties of titania shell immobilized onto cobalt ferrite nanoparticle core. <i>Journal of Molecular Liquids</i> , 2020, 297, 111757.	4.9	55
3	Green synthesis of cobalt ferrite nanoparticles using <i>Cydonia oblonga</i> extract: structural and Mössbauer studies. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 672, 54-66.	0.9	38
4	Eco-friendly synthesis of cobalt-zinc ferrites using quince extract for adsorption and catalytic applications: An approach towards environmental remediation. <i>Chemosphere</i> , 2022, 294, 133565.	8.2	22
5	$\text{Ni}(\text{OH})_2$ reduced graphene oxide composite as electrode for supercapacitors. <i>Materials Today: Proceedings</i> , 2019, 6, 106-115.	1.8	18
6	Palladium nanoparticles embedded in microporous carbon as electrocatalysts for water splitting in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 21462-21474.	7.1	17
7	Structural, morphological and electrical properties of graphene oxides obtained by Hummers, Tour and modified methods: a comparative study. <i>Physics and Chemistry of Solid State</i> , 2021, 22, 31-38.	0.8	14
8	Green synthesis of cobalt ferrite using grape extract: the impact of cation distribution and inversion degree on the catalytic activity in the decomposition of hydrogen peroxide. <i>Emergent Materials</i> , 2022, 5, 89-103.	5.7	14
9	Synthesis and Mossbauer studies of mesoporous Fe_2O_3 . <i>Materials Science-Poland</i> , 2014, 32, 481-486.	1.0	13
10	Reduced Graphene Oxide Obtained by Hummers and Marciano-Tour Methods: Comparison of Electrical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7320-7329.	0.9	12
11	The effect of pH on the nucleation of titania by hydrolysis of TiCl_4 . <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016, 47, 288-294.	0.9	11
12	Effect of synthesis conditions on the morphological and electrochemical properties of nitrogen-doped porous carbon materials. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 669-676.	2.1	10
13	Synthesis and double-hierarchical structure of MoS_2/C nanospheres. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2309-2314.	1.8	9
14	The Effect of Sulphate Anions on the Ultrafine Titania Nucleation. <i>Nanoscale Research Letters</i> , 2017, 12, 369.	5.7	9
15	Removal of Congo Red dye, polar and non-polar compounds from aqueous solution using magnesium aluminate nanoparticles. <i>Materials Today: Proceedings</i> , 2021, 35, 518-522.	1.8	9
16	Formation of Structure and Properties of Composite Coatings TiB_2/TiC Steel Obtained by Overlapping of Electric-Arc Surfacing and Self-Propagating High-Temperature Synthesis. <i>Metallofizika I Noveishie Tekhnologii</i> , 2016, 38, 1265-1278.	0.5	9
17	Synthesis, Characterization and Electrochemical Properties of Mesoporous Maghemite Fe_2O_3 . <i>Solid State Phenomena</i> , 0, 230, 120-126.	0.3	7
18	Structural and electrical properties of nickel-iron spinel/reduced graphene oxide nanocomposites. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 673, 137-148.	0.9	7

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19	Pure ultrafine magnetite from carbon steel wastes. <i>Materials Today: Proceedings</i> , 2019, 6, 270-278.	1.8	7
20	Effect of Synthesis Conditions on Pseudocapacitance Properties of Nitrogen-Doped Porous Carbon Materials. <i>Journal of Nano Research</i> , 0, 59, 112-125.	0.8	7
21	Effect of Orthophosphoric Acid on Morphology of Nanoporous Carbon Materials. <i>Journal of Nano- and Electronic Physics</i> , 2019, 11, 03036-1-03036-6.	0.5	7
22	Correlation between structural properties and electrical conductivity of porous carbon derived from hemp bast fiber. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2022, 30, 873-882.	2.1	7
23	The Importance of Surfactant and Its Type on MoS ₂ Nanoparticles Formation. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7792-7796.	0.9	6
24	Multilayered MoS ₂ /C nanospheres as high performance additives to lubricating oils. <i>Materials Today: Proceedings</i> , 2021, 35, 538-541.	1.8	6
25	Methods of obtaining nickel molybdates and composites of molybdate/carbon material for electrodes of hybrid supercapacitors (Review). <i>Physics and Chemistry of Solid State</i> , 2020, 21, 650-659.	0.8	4
26	Atomic Structure and Morphology of Fumed Silica. <i>Physics and Chemistry of Solid State</i> , 2020, 21, 325-331.	0.8	4
27	Accumulation of Charge Mechanisms in Electrochemical Systems Based on Carbon and Nickel Tungstate. <i>Surface Engineering and Applied Electrochemistry</i> , 2020, 56, 697-703.	0.8	4
28	Surfactant-assisted hydrothermal synthesis of NiFe ₂ O ₄ /reduced graphene oxide composites. <i>Materials Today: Proceedings</i> , 2022, 62, 5705-5711.	1.8	4
29	Rod-Like Rutile Nanoparticles: Synthesis, Structure and Morphology. <i>Journal of Nano Research</i> , 2017, 50, 32-40.	0.8	3
30	Synthesis and characterization of graphene oxide flakes for transparent thin films. <i>Physics and Chemistry of Solid State</i> , 2021, 22, 595-601.	0.8	3
31	Synthesis, morphology, electrical conductivity and electrochemical properties of \hat{I}^{\pm} -Ni(OH) ₂ and its composites with carbon. <i>Materials Science-Poland</i> , 2019, 37, 547-553.	1.0	3
32	Optical and electrical properties of \hat{I}^2 -Ni (OH) ₂ /reduced graphene oxide nanocomposite. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 672, 168-177.	0.9	2
33	Hydrothermally synthesized CuFe ₂ O ₄ /rGO and CuFe ₂ O ₄ /porous carbon nanocomposites. <i>Applied Nanoscience (Switzerland)</i> , 0, , 1.	3.1	2
34	Electrochemical and electrical properties of nickel molybdate / carbon material composites. <i>Physics and Chemistry of Solid State</i> , 2021, 22, 481-486.	0.8	2
35	Effect of the carbonization temperature of plant biomass on the structure, surface condition and electrical conductive properties of carbon nanoporous material. <i>Journal of Physical Studies</i> , 2021, 25, .	0.5	2
36	SAXS and Raman Study of the Structural Evolution in Hemp Bast Fiber Derived Porous Carbon. , 2021, , .		2

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37	Structural and electrophysical properties of thermally expanded graphite prepared by chemical methods: comparative analysis. <i>Physics and Chemistry of Solid State</i> , 2020, 21, 591-597.	0.8	2
38	Zn-doped CoFe ₂ O ₄ Nanoparticles Synthesized Using Ginkgo Biloba Extract: Cation Distribution, Mossbauer Studies and Application for Water Treatment. <i>Physics and Chemistry of Solid State</i> , 2021, 22, 792-803.	0.8	2
39	Low-temperature sorption of hydrogen by porous carbon material containing palladium nanoclusters. <i>Low Temperature Physics</i> , 2020, 46, 1030-1038.	0.6	1
40	Thermally induced phase transformations of Al ₉₃ Fe ₄ Nb ₃ and Al ₉₀ Fe ₇ Nb ₃ quenched alloys. <i>Materials Research Express</i> , 2020, 7, 036505.	1.6	1
41	Self-combustion synthesized NiFe ₂ O ₄ /reduced graphene oxide composite nanomaterials: Effect of chelating agent type on the crystal structure and magnetic properties. <i>Materials Today: Proceedings</i> , 2021, 35, 542-547.	1.8	1
42	Cobalt-iron spinel/reduced graphene oxide composite material for supercapacitor applications. <i>Molecular Crystals and Liquid Crystals</i> , 2021, 717, 60-71.	0.9	1
43	Ultrafine beta-FeOOH and Fe ₃ O ₄ obtained by precipitation method: comparative study of electrical and electrochemical properties. <i>Physics and Chemistry of Solid State</i> , 2020, 21, 680-688.	0.8	1
44	The effect of the carbon material content on the electrophysical and optical properties of NiMoO ₄ /C composites. <i>Molecular Crystals and Liquid Crystals</i> , 0, , 1-9.	0.9	0