

Mariya A Kazakova

List of Publications by Year in descending order

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430874

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citing authors

#	ARTICLE	IF	CITATIONS
1	Trimetallic Mn-Fe-Ni Oxide Nanoparticles Supported on Multi-Walled Carbon Nanotubes as High-Performance Bifunctional ORR/OER Electrocatalyst in Alkaline Media. <i>Advanced Functional Materials</i> , 2020, 30, 1905992.	14.9	209
2	Raman spectra for characterization of defective CVD multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 2444-2450.	1.5	81
3	Fe/Co/Ni mixed oxide nanoparticles supported on oxidized multi-walled carbon nanotubes as electrocatalysts for the oxygen reduction and the oxygen evolution reactions in alkaline media. <i>Catalysis Today</i> , 2020, 357, 259-268.	4.4	53
4	Bifunctional Oxygen Reduction/Oxygen Evolution Activity of Mixed Fe/Co Oxide Nanoparticles with Variable Fe/Co Ratios Supported on Multiwalled Carbon Nanotubes. <i>ChemSusChem</i> , 2018, 11, 1204-1214.	6.8	49
5	Electrocatalytic Conversion of Glycerol to Oxalate on Ni Oxide Nanoparticles-Modified Oxidized Multiwalled Carbon Nanotubes. <i>ACS Catalysis</i> , 2022, 12, 982-992.	11.2	49
6	Magnetic and dielectric properties of carbon nanotubes with embedded cobalt nanoparticles. <i>Carbon</i> , 2017, 114, 39-49.	10.3	45
7	Facile synthesis of nanosized γ -Fe ₂ O ₃ particles on the silica support. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5527-5534.	1.9	42
8	Comparative study of MWCNT and alumina supported $\text{Co}^{3+}/\text{Mn}^{3+}$ hydrotreating catalysts prepared with citric acid as chelating agent. <i>Catalysis Today</i> , 2020, 357, 221-230.	4.4	32
9	Internal field ⁵⁹ Co NMR study of cobalt-iron nanoparticles during the activation of CoFe ₂ /CaO catalyst for carbon nanotube synthesis. <i>Journal of Catalysis</i> , 2018, 358, 62-70.	6.2	31
10	Aldose to ketose interconversion: galactose and arabinose isomerization over heterogeneous catalysts. <i>Catalysis Science and Technology</i> , 2017, 7, 5321-5331.	4.1	29
11	Co metal nanoparticles deposition inside or outside multi-walled carbon nanotubes via facile support pretreatment. <i>Applied Surface Science</i> , 2018, 456, 657-665.	6.1	29
12	Structure of the in situ produced polyethylene based composites modified with multi-walled carbon nanotubes: In situ synchrotron X-ray diffraction and differential scanning calorimetry study. <i>Composites Science and Technology</i> , 2018, 167, 148-154.	7.8	28
13	Co/multi-walled carbon nanotubes/polyethylene composites for microwave absorption: Tuning the effectiveness of electromagnetic shielding by varying the components ratio. <i>Composites Science and Technology</i> , 2021, 207, 108731.	7.8	27
14	Fe-Mo and Co-Mo Catalysts with Varying Composition for Multi-Walled Carbon Nanotube Growth. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700260.	1.5	26
15	Investigation of electromagnetic properties of MWCNT aerogels produced via catalytic ethylene decomposition. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2519-2523.	1.5	23
16	Investigation of defectiveness of multiwalled carbon nanotubes produced with Fe-Co catalysts of different composition. <i>Journal of Nanophotonics</i> , 2016, 10, 012526.	1.0	22
17	Comparative study of multiwalled carbon nanotube/polyethylene composites produced via different techniques. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 2437-2443.	1.5	21
18	Co/multi-walled carbon nanotubes as highly efficient catalytic nanoreactor for hydrogen production from formic acid. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19420-19430.	7.1	21

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19	State of iron in nanoparticles prepared by impregnation of silica gel and aluminum oxide with FeSO ₄ solutions. <i>Physics of the Solid State</i> , 2010, 52, 826-837.	0.6	19
20	Laser modification of optical properties of a carbon nanotube suspension in dimethylformamide. <i>Technical Physics Letters</i> , 2013, 39, 337-340.	0.7	18
21	Mono-, Bi-, and Trimetallic Catalysts for the Synthesis of Multiwalled Carbon Nanotubes Based on Iron Subgroup Metals. <i>Journal of Structural Chemistry</i> , 2020, 61, 640-651.	1.0	16
22	Structural and electromagnetic properties of Fe ₂ Co-multi-walled carbon nanotubes-polystyrene based composite. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156107.	5.5	16
23	In situ Polymerization Technique for Obtaining Composite Materials Based on Polyethylene, Multi-walled Carbon Nanotubes and Cobalt Nanoparticles. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 127-135.	0.5	15
24	Use of Carbon Materials of Different Nature in Determining Metal Concentrations in Carbon Nanotubes by X-Ray Fluorescence Spectrometry. <i>Journal of Analytical Chemistry</i> , 2020, 75, 312-319.	0.9	15
25	Boosting hydrodesulfurization activity of CoMo/Al ₂ O ₃ catalyst via selective graphitization of alumina surface. <i>Microporous and Mesoporous Materials</i> , 2021, 317, 111008.	4.4	15
26	Electromagnetic Interaction Between Spherical Aerogels of Multi-Walled Carbon Nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700256.	1.5	13
27	Nitrogen and Oxygen Functionalization of Multi-Walled Carbon Nanotubes for Tuning the Bifunctional Oxygen Reduction/Oxygen Evolution Performance of Supported FeCo Oxide Nanoparticles. <i>ChemElectroChem</i> , 2021, 8, 2803-2816.	3.4	13
28	Nafion-Induced Reduction of Manganese and its Impact on the Electrocatalytic Properties of a Highly Active MnFeNi Oxide for Bifunctional Oxygen Conversion**. <i>ChemElectroChem</i> , 2021, 8, 2979-2983.	3.4	13
29	Preparation of supported iron-containing catalysts from a FeSO ₄ solution: The effect of the support. <i>Kinetics and Catalysis</i> , 2009, 50, 874-877.	1.0	10
30	Evolution of the Fe ³⁺ Ion Local Environment During the Phase Transition $\mu\text{-Fe}_2\text{O}_3 \rightarrow \gamma\text{-Fe}_2\text{O}_3$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 1209-1217.	1.8	10
31	The sum is more than its parts: stability of MnFe oxide nanoparticles supported on oxygen-functionalized multi-walled carbon nanotubes at alternating oxygen reduction reaction and oxygen evolution reaction conditions. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2901-2906.	2.5	10
32	Superparamagnetic behaviour of metallic Co nanoparticles according to variable temperature magnetic resonance. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2723-2730.	2.8	10
33	Effect of Organic Additives on the Structure and Hydrotreating Activity of a CoMoS/Multiwalled Carbon Nanotube Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20612-20623.	3.7	9
34	Electromagnetic Parameters of Composite Materials Based on Polyethylene and Multi-Walled Carbon Nanotubes Modified by Iron Oxide Nanoparticles. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 1994-2002.	0.5	4
35	Dielectric Properties of Hybrid Polyethylene Composites Containing Cobalt Nanoparticles and Carbon Nanotubes. <i>Materials</i> , 2022, 15, 1876.	2.9	4
36	Effect of calcination temperature on the physicochemical and catalytic properties of FeSO ₄ /SiO ₂ in hydrogen sulfide oxidation. <i>Kinetics and Catalysis</i> , 2011, 52, 896-906.	1.0	3

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37	Benzylation of benzene by benzyl chloride over silica-supported iron sulfate catalysts. Mendelev Communications, 2014, 24, 231-232.	1.6	3
38	Modification of the surface of carbon fibers with multi-walled carbon nanotubes and its effect on mechanical characteristics of composites with epoxy resin. Russian Journal of Applied Chemistry, 2016, 89, 1969-1977.	0.5	3
39	Graphitization of alumina as a way to stabilize its textural characteristics under hydrothermal conditions. Microporous and Mesoporous Materials, 2022, 341, 112038.	4.4	3
40	Synthesis of Highly Dispersed Pt Catalysts on MWCNTs via Hydrolytic Deposition without Preliminary Modification of the Support. Advanced Materials Research, 0, 1040, 399-404.	0.3	1