

Mariya A Kazakova

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

597
citations

15
h-index

23
g-index

42
ext. papers

845
ext. citations

4
avg, IF

4.16
L-index

#	Paper	IF	Citations
38	Electrocatalytic Conversion of Glycerol to Oxalate on Ni Oxide Nanoparticles-Modified Oxidized Multiwalled Carbon Nanotubes. <i>ACS Catalysis</i> , 2022 , 12, 982-992	13.1	5
37	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	5.3	3
36	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	8.6	8
35	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	4.3	2
34	Superparamagnetic behaviour of metallic Co nanoparticles according to variable temperature magnetic resonance. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 2723-2730	3.6	2
33	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	4.3	0
32	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	6.7	9
31	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	5.7	8
30	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	2.6	5
29	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	15.6	98
28	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	3.9	3
27	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	0.9	10
26	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	5.3	30
25	Comparative study of MWCNT and alumina supported CoMo hydrotreating catalysts prepared with citric acid as chelating agent. <i>Catalysis Today</i> , 2020 , 357, 221-230	5.3	12
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	1.1	9
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	0.8	10
22	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	8.3	36

21	Electromagnetic Interaction Between Spherical Aerogels of Multi-Walled Carbon Nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700256	1.3	11
20	Evolution of the Fe ³⁺ Ion Local Environment During the Phase Transition α -Fe ₂ O ₃ \rightarrow γ -Fe ₂ O ₃ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2018 , 31, 1209-1217	1.5	8
19	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	8.6	19
18	Co metal nanoparticles deposition inside or outside multi-walled carbon nanotubes via facile support pretreatment. <i>Applied Surface Science</i> , 2018 , 456, 657-665	6.7	22
17	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	7.3	21
16	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	1.3	22
15	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	0.8	4
14	Magnetic and dielectric properties of carbon nanotubes with embedded cobalt nanoparticles. <i>Carbon</i> , 2017 , 114, 39-49	10.4	31
13	Aldose to ketose interconversion: galactose and arabinose isomerization over heterogeneous catalysts. <i>Catalysis Science and Technology</i> , 2017 , 7, 5321-5331	5.5	16
12	Investigation of defectiveness of multiwalled carbon nanotubes produced with Fe/Co catalysts of different composition. <i>Journal of Nanophotonics</i> , 2016 , 10, 012526	1.1	18
11	Modification of the surface of carbon fibers with multi-walled carbon nanotubes and its effect on mechanical characteristics of composites with epoxy resin. <i>Russian Journal of Applied Chemistry</i> , 2016 , 89, 1969-1977	0.8	2
10	Investigation of electromagnetic properties of MWCNT aerogels produced via catalytic ethylene decomposition. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2519-2523	1.3	17
9	Comparative study of multiwalled carbon nanotube/polyethylene composites produced via different techniques. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 2437-2443	1.3	15
8	Benzylation of benzene by benzyl chloride over silica-supported iron sulfate catalysts. <i>Mendeleev Communications</i> , 2014 , 24, 231-232	1.9	3
7	Synthesis of Highly Dispersed Pt Catalysts on MWCNTs via Hydrolytic Deposition without Preliminary Modification of the Support. <i>Advanced Materials Research</i> , 2014 , 1040, 399-404	0.5	1
6	Raman spectra for characterization of defective CVD multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 2444-2450	1.3	56
5	Laser modification of optical properties of a carbon nanotube suspension in dimethylformamide. <i>Technical Physics Letters</i> , 2013 , 39, 337-340	0.7	17
4	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	1.5	3

3	Facile synthesis of nanosized γ -Fe ₂ O ₃ particles on the silica support. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 5527-5534	2.3	35
2	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	0.8	15
1	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	1.5	10