Mariya A Kazakova

List of Publications by Citations

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	Trimetallic Mn-Fe-Ni Oxide Nanoparticles Supported on Multi-Walled Carbon Nanotubes as High-Performance Bifunctional ORR/OER Electrocatalyst in Alkaline Media. *Advanced Functional Materials*, **2020**, 30, 1905992	15.6	98
37	Raman spectra for characterization of defective CVD multi-walled carbon nanotubes. *Physica Status Solidi (B): Basic Research*, **2014**, 251, 2444-2450	1.3	56
36	Bifunctional Oxygen Reduction/Oxygen Evolution Activity of Mixed Fe/Co Oxide Nanoparticles with Variable Fe/Co Ratios Supported on Multiwalled Carbon Nanotubes. *ChemSusChem*, **2018**, 11, 1204-1214	8.3	36
35	Facile synthesis of nanosized Fe2O3 particles on the silica support. *Journal of Nanoparticle Research*, **2011**, 13, 5527-5534	2.3	35
34	Magnetic and dielectric properties of carbon nanotubes with embedded cobalt nanoparticles. *Carbon*, **2017**, 114, 39-49	10.4	31
33	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. *Catalysis Today*, **2020**, 357, 259-268	5.3	30
32	Co metal nanoparticles deposition inside or outside multi-walled carbon nanotubes via facile support pretreatment. *Applied Surface Science*, **2018**, 456, 657-665	6.7	22
31	FeMo and CoMo Catalysts with Varying Composition for Multi-Walled Carbon Nanotube Growth. *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1700260	1.3	22
30	Internal field 59Co NMR study of cobalt-iron nanoparticles during the activation of CoFe2/CaO catalyst for carbon nanotube synthesis. *Journal of Catalysis*, **2018**, 358, 62-70	7.3	21
29	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. *Composites Science and Technology*, **2018**, 167, 148-154	8.6	19
28	Investigation of defectiveness of multiwalled carbon nanotubes produced with FeCo catalysts of different composition. *Journal of Nanophotonics*, **2016**, 10, 012526	1.1	18
27	Laser modification of optical properties of a carbon nanotube suspension in dimethylformamide. *Technical Physics Letters*, **2013**, 39, 337-340	0.7	17
26	Investigation of electromagnetic properties of MWCNT aerogels produced via catalytic ethylene decomposition. *Physica Status Solidi (B): Basic Research*, **2015**, 252, 2519-2523	1.3	17
25	Aldose to ketose interconversion: galactose and arabinose isomerization over heterogeneous catalysts. *Catalysis Science and Technology*, **2017**, 7, 5321-5331	5.5	16
24	Comparative study of multiwalled carbon nanotube/polyethylene composites produced via different techniques. *Physica Status Solidi (B): Basic Research*, **2014**, 251, 2437-2443	1.3	15
23	State of iron in nanoparticles prepared by impregnation of silica gel and aluminum oxide with FeSO4 solutions. *Physics of the Solid State*, **2010**, 52, 826-837	0.8	15
22	Comparative study of MWCNT and alumina supported CoMo hydrotreating catalysts prepared with citric acid as chelating agent. *Catalysis Today*, **2020**, 357, 221-230	5.3	12

21	Electromagnetic Interaction Between Spherical Aerogels of Multi-Walled Carbon Nanotubes. *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1700256	1.3	11
20	In situ Polymerization Technique for Obtaining Composite Materials Based on Polyethylene, Multi-walled Carbon Nanotubes and Cobalt Nanoparticles. *Russian Journal of Applied Chemistry*, **2018**, 91, 127-135	0.8	10
19	Preparation of supported iron-containing catalysts from a FeSo4 solution: The effect of the support. *Kinetics and Catalysis*, **2009**, 50, 874-877	1.5	10
18	Mono-, Bi-, and Trimetallic Catalysts for the Synthesis of Multiwalled Carbon Nanotubes Based on Iron Subgroup Metals. *Journal of Structural Chemistry*, **2020**, 61, 640-651	0.9	10
17	Co/multi-walled carbon nanotubes as highly efficient catalytic nanoreactor for hydrogen production from formic acid. *International Journal of Hydrogen Energy*, **2020**, 45, 19420-19430	6.7	9
16	Use of Carbon Materials of Different Nature in Determining Metal Concentrations in Carbon Nanotubes by X-Ray Fluorescence Spectrometry. *Journal of Analytical Chemistry*, **2020**, 75, 312-319	1.1	9
15	Structural and electromagnetic properties of Fe2Co-multi-walled carbon nanotubes-polystyrene based composite. *Journal of Alloys and Compounds*, **2020**, 844, 156107	5.7	8
14	Evolution of the Fe3+ Ion Local Environment During the Phase Transition □Fe2O3 -γ□Fe2O3. *Journal of Superconductivity and Novel Magnetism*, **2018**, 31, 1209-1217	1.5	8
13	Co/multi-walled carbon nanotubes/polyethylene composites for microwave absorption: Tuning the effectiveness of electromagnetic shielding by varying the components ratio. *Composites Science and Technology*, **2021**, 207, 108731	8.6	8
12	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. *Journal of Solid State Electrochemistry*, **2020**, 24, 2901-2906	2.6	5
11	Electrocatalytic Conversion of Glycerol to Oxalate on Ni Oxide Nanoparticles-Modified Oxidized Multiwalled Carbon Nanotubes. *ACS Catalysis*, **2022**, 12, 982-992	13.1	5
10	Electromagnetic Parameters of Composite Materials Based on Polyethylene and Multi-Walled Carbon Nanotubes Modified by Iron Oxide Nanoparticles. *Russian Journal of Applied Chemistry*, **2018**, 91, 1994-2002	0.8	4
9	Benzylation of benzene by benzyl chloride over silica-supported iron sulfate catalysts. *Mendeleev Communications*, **2014**, 24, 231-232	1.9	3
8	Effect of calcination temperature on the physicochemical and catalytic properties of FeSO4/SiO2 in hydrogen sulfide oxidation. *Kinetics and Catalysis*, **2011**, 52, 896-906	1.5	3
7	Effect of Organic Additives on the Structure and Hydrotreating Activity of a CoMoS/Multiwalled Carbon Nanotube Catalyst. *Industrial & Engineering Chemistry Research*, **2020**, 59, 20612-20623	3.9	3
6	Boosting hydrodesulfurization activity of CoMo/Al2O3 catalyst via selective graphitization of alumina surface. *Microporous and Mesoporous Materials*, **2021**, 317, 111008	5.3	3
5	Nitrogen and Oxygen Functionalization of Multi-Walled Carbon Nanotubes for Tuning the Bifunctional Oxygen Reduction/Oxygen Evolution Performance of Supported FeCo Oxide Nanoparticles. *ChemElectroChem*, **2021**, 8, 2803-2816	4.3	2
4	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	0.8	2

3	Superparamagnetic behaviour of metallic Co nanoparticles according to variable temperature magnetic resonance. *Physical Chemistry Chemical Physics*, **2021**, 23, 2723-2730	3.6	2
2	Synthesis of Highly Dispersed Pt Catalysts on MWCNTs via Hydrolytic Deposition without Preliminary Modification of the Support. *Advanced Materials Research*, **2014**, 1040, 399-404	0.5	1
1	Nafion-Induced Reduction of Manganese and its Impact on the Electrocatalytic Properties of a Highly Active MnFeNi Oxide for Bifunctional Oxygen Conversion. *ChemElectroChem*, **2021**, 8, 2979-2983	4.3	0