Evgenii V Ivanov

List of Publications by Year
in descending order

67	1,175	393982	395343
papers	citations	19 h-index	33 g-index

68	68	68	1306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formation of metal clusters in halloysite clay nanotubes. Science and Technology of Advanced Materials, 2017, 18, 147-151.	2.8	102
2	Mesoporous Metal Catalysts Templated on Clay Nanotubes. Bulletin of the Chemical Society of Japan, 2019, 92, 61-69.	2.0	89
3	Halloysite Nanoclay Based CdS Formulations with High Catalytic Activity in Hydrogen Evolution Reaction under Visible Light Irradiation. ACS Sustainable Chemistry and Engineering, 2017, 5, 11316-11323.	3.2	83
4	Core/Shell Rutheniumâ€“Halloysite Nanocatalysts for Hydrogenation of Phenol. Industrial & Engineering Chemistry Research, 2017, 56, 14043-14052.	1.8	83
5	Interfacial Embedding of Laserâ€Manufactured Fluorinated Gold Clusters Enabling Stable Perovskite Solar Cells with Efficiency Over 24%. Advanced Materials, 2021, 33, e2101590.	11.1	62
6	Nanoparticles Formed onto/into Halloysite Clay Tubules: Architectural Synthesis and Applications. Chemical Record, 2018, 18, 858-867.	2.9	56
7	Templated self-assembly of ordered mesoporous silica on clay nanotubes. Chemical Communications, 2019, 55, 5507-5510.	2.2	50
8	Ru/CdS Quantum Dots Templated on Clay Nanotubes as Visibleâ€Lightâ€Active Photocatalysts: Optimization of S/Cd Ratio and Ru Content. Chemistry - A European Journal, 2020, 26, 13085-13092.	1.7	48
9	Fluorescence and Cytotoxicity of Cadmium Sulfide Quantum Dots Stabilized on Clay Nanotubes. Nanomaterials, 2018, 8, 391.	1.9	43
10	Laminar Burning Velocities of Dimethyl Carbonate with Air. Energy & Fuels, 2013, 27, 5513-5517.	2.5	42
11	Mesoporous additive-free vaterite CaCO3 crystals of untypical sizes: From submicron to Giant. Materials and Design, 2021, 197, 109220.	3.3	34
12	Micro-mesoporous MCM-41/ZSM-5 supported Pt and Pd catalysts for hydroisomerization of C-8 aromatic fraction. Applied Catalysis A: General, 2020, 603, 117764.	2.2	28
13	Clay Nanotube Liquid Marbles Enhanced with Inner Biofilm Formation for the Encapsulation and Storage of Bacteria at Room Temperature. ACS Applied Nano Materials, 2020, 3, 1263-1271.	2.4	27
14	Core-shell nanoarchitecture: Schiff-base assisted synthesis of ruthenium in clay nanotubes. Pure and Applied Chemistry, 2018, 90, 825-832.	0.9	26
15	Algal Bloom Occurrence and Effects in Russia. Water (Switzerland), 2020, 12, 285.	1.2	26
16	Nanoreactors based on hydrophobized tubular aluminosilicates decorated with ruthenium: Highly active and stable catalysts for aromatics hydrogenation. Catalysis Today, 2021, 378, 33-42.	2.2	26
17	Clay Composites for Thermal Energy Storage: A Review. Molecules, 2020, 25, 1504.	1.7	23
18	Manganese and Cobalt Doped Hierarchical Mesoporous Halloysite-Based Catalysts for Selective Oxidation of p-Xylene to Terephthalic Acid. Catalysts, 2020, 10, 7.	1.6	21

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19	Antifouling Thermoplastic Composites with Maleimide Encapsulated in Clay Nanotubes. ACS Applied Materials & Interfaces, 2017, 9, 30083-30091.	4.0	20
20	Transport Asymmetry of Novel Bi-Layer Hybrid Perfluorinated Membranes on the Base of MF-4SC Modified by Halloysite Nanotubes with Platinum. Polymers, 2018, 10, 366.	2.0	19
21	Alkylation of benzene with ethylene in the presence of dimethyldichlorosilane. Journal of Catalysis, 2017, 352, 75-82.	3.1	18
22	Amplification of surface-enhanced Raman scattering by the oxidation of capping agents on gold nanoparticles. RSC Advances, 2018, 8, 19051-19057.	1.7	17
23	A Study of Platinum Catalysts Based on Ordered Alâ€“ĐœĐ¡Đœ-41 Aluminosilicate and Natural Halloysite Nanotubes in Xylene Isomerization. Petroleum Chemistry, 2019, 59, 1226-1234.	0.4	17
24	Oxidative desulfurization of hydrocarbon fuel with high olefin content. Petroleum Chemistry, 2015, 55, 571-574.	0.4	16
25	CdS Quantum Dots in Hierarchical Mesoporous Silica Templated on Clay Nanotubes: Implications for Photocatalytic Hydrogen Production. ACS Applied Nano Materials, 2022, 5, 605-614.	2.4	16
26	Cellulose Nanofibrils and Tubular Halloysite as Enhanced Strength Gelation Agents. Polymers, 2019, 11, 919.	2.0	14
27	Selective Hydrogenation of Acetylene over Pd-Mn/Al2O3 Catalysts. Catalysts, 2020, 10, 624.	1.6	13
28	Rapid Optimization of Metal Nanoparticle Surface Modification with High-Throughput Gel Electrophoresis. ACS Nano, 2014, 8, 1449-1456.	7.3	12
29	The synthesis of 5â€hydroxymethylfurfural from carbohydrates and lignocellulose using an N,Nâ€dimethylacetamideâ€LiCl solvent system. Starch/Staerke, 2016, 68, 637-643.	1.1	12
30	Hydroconversion of Aromatic Hydrocarbons over Bimetallic Catalysts. Catalysts, 2019, 9, 384.	1.6	11
31	Perfluorinated hybrid membranes modified by metal decorated clay nanotubes. Journal of Membrane Science, 2019, 582, 172-181.	4.1	11
32	Effect of Base Oil Nature on the Operational Properties of Low-Temperature Greases. ACS Omega, 2020, 5, 11946-11954.	1.6	11
33	Synthesis of large uniform gold and coreâ€“shell goldâ€“silver nanoparticles: Effect of temperature control. Russian Journal of Physical Chemistry A, 2016, 90, 152-157.	0.1	9
34	Study of Phase Transitions in n-Tricosane/Bitumen Aqueous Dispersions by the Optical Method. Energy & Fuels, 2020, 34, 5168-5175.	2.5	9
35	Homo- and Copolymers of N-Acryloylpyrrolidine and N-Vinylpyrrolidone as Kinetic Inhibitors of Hydrate Formation. Chemistry and Technology of Fuels and Oils, 2011, 46, 417-423.	0.2	8
36	Efficient catalysts for benzene alkylation with olefins. Catalysis Communications, 2016, 82, 1-6.	1.6	8

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37	Conversion of methane in a coaxial microwave torch. Plasma Physics Reports, 2009, 35, 933-940.	0.3	7
38	Oxidative cracking of crude oil by hydrogen peroxide in the presence of iron oxide nanoparticles. Petroleum Chemistry, 2017, 57, 584-588.	0.4	7
39	Halloysite Based Core-Shell Nanosystems: Synthesis and Application. , 2019, , 203-256.		7
40	Comparison of micro-DSC and light scattering methods for studying the phase behavior of n-alkane in the oil-in-water dispersion. Journal of Thermal Analysis and Calorimetry, 2020, 142, 2035-2041.	2.0	6
41	Composition and Properties of microalgae Biomass Hydrothermal Liquefaction Products. Chemistry and Technology of Fuels and Oils, 2019, 55, 373-377.	0.2	5
42	Methane conversion in a multielectrode slipping surface discharge in the two-phase water-gas medium. Technical Physics, 2011, 56, 1588-1592.	0.2	4
43	Catalyst Effect on Grout Composition of Microalgae Biomass Hydrothermal Liquefaction Products. Chemistry and Technology of Fuels and Oils, 2019, 55, 511-514.	0.2	4
44	Pulsed microwave discharge in a capillary filled with atmospheric-pressure gas. Plasma Physics Reports, 2013, 39, 644-650.	0.3	3
45	Synthesis of gold nanoparticles in organogels. Mendeleev Communications, 2014, 24, 53-54.	0.6	3
46	Natural Ceramic Nanotube Substrates for Surface-Enhanced Raman Spectroscopy. Jom, 2015, 67, 2877-2880.	0.9	3
47	Hydrothermal liquefaction-isomerization of biomass for biofuel production. IOP Conference Series: Earth and Environmental Science, 2019, 337, 012011.	0.2	3
48	Performance of Reformers with Different Catalyst Distributions in the Reactors. Parametric Equations for Calculating the Octane Number of the Reformate. Chemistry and Technology of Fuels and Oils, 2015, 51, 1-9.	0.2	2
49	Combined Hydrothermal Conversion of Biomass (Algae and Aquatic Vegetation) from Lake Baikal Littoral Zone and Heavy-Oil Resids to Produce Biofuel. Chemistry and Technology of Fuels and Oils, 2018, 53, 813-816.	0.2	2
50	Study of the Oxidation Products of Light Oil Aromatic Compounds Using Ultrahigh Resolution Mass Spectrometry. Chemistry and Technology of Fuels and Oils, 2018, 53, 891-896.	0.2	2
51	Two-step separation of bio-oil from condensed products of hydrothermal liquefaction of microalgae. Journal of Physics: Conference Series, 2018, 1111, 012057.	0.3	2
52	Core-shell composite metal catalysts incased into natural ceramic nanotubes. IOP Conference Series: Materials Science and Engineering, 2014, 64, 012017.	0.3	1
53	Thermodynamic Calculations to Determine the Optimal Composition of Oxide Catalysts. ChemPhysChem, 2018, 19, 1522-1530.	1.0	1
54	Hydrogen Peroxide Formation in Boiling Water Plasma of Electrolyte-Cathode Discharge. High Energy Chemistry, 2018, 52, 171-182.	0.2	1

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55	Modeling of Block of Reactors of High-Temperature Pyrolysis Process Line. Chemistry and Technology of Fuels and Oils, 2018, 54, 140-149.	0.2	1
56	Catalytic oligomerization of isobutylene at the boiling point of liquid nitrogen. Chemical Engineering Science, 2020, 227, 115903.	1.9	1
57	Features of synthesis of a support for reforming catalysts. Chemistry and Technology of Fuels and Oils, 2010, 46, 203-210.	0.2	0
58	Fabrication of nanostructured materials in ultrahigh-frequency discharge plasma. Chemistry and Technology of Fuels and Oils, 2011, 46, 424-429.	0.2	0
59	Interrelation of rectification sharpness and the benzene distribution in gasoline fractions. Chemistry and Technology of Fuels and Oils, 2011, 47, 201-208.	0.2	0
60	Enhancing the activity of self-propagating high-temperature synthesized diesel oil hydrofining nanocatalysts by proper selection of leachingagents. Chemistry and Technology of Fuels and Oils, 2012, 48, 344-348.	0.2	0
61	Waste-Free SHS Technology of Hydrofining Catalyst Production. Chemistry and Technology of Fuels and Oils, 2014, 50, 1-4.	0.2	0
62	Diffusive permeability of hybrid cation-exchange membranes MF-4SC/halloysite nanotubes. , 2015, , .		0
63	Catalytic cracking of vacuum gas oil with wave-induced feedstock preactivation. Theoretical Foundations of Chemical Engineering, 2015, 49, 756-762.	0.2	0
64	Using copper nanomarkers for revealing microcracks and regions of microdamage on the surface of pipelines and parts of oil and gas machinery. Protection of Metals and Physical Chemistry of Surfaces, 2016, 52, 1128-1133.	0.3	0
65	The Influence of the Type of Oil Model During the Displacement of Light Oil by Gas on Their Miscibility. Chemistry and Technology of Fuels and Oils, 2019, 55, 432-438.	0.2	0
66	Effect of Biomass Hydrothermal Liquefaction Conditions on Fractional Composition and Physical Properties of the Obtained Bio-Oil. Chemistry and Technology of Fuels and Oils, 2020, 55, 661-665.	0.2	0
67	Comparison of surface area of wet and dry lignocellulosic raw material before and after pretreatment. Forestry Engineering Journal, 2015, 5, 152-159.	0.1	0