

Evgenii V Ivanov

List of Publications by Year in descending order

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67
papers

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393982

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395343

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68
times ranked

1306
citing authors

#	ARTICLE	IF	CITATIONS
1	CdS Quantum Dots in Hierarchical Mesoporous Silica Templated on Clay Nanotubes: Implications for Photocatalytic Hydrogen Production. <i>ACS Applied Nano Materials</i> , 2022, 5, 605-614.	2.4	16
2	Nanoreactors based on hydrophobized tubular aluminosilicates decorated with ruthenium: Highly active and stable catalysts for aromatics hydrogenation. <i>Catalysis Today</i> , 2021, 378, 33-42.	2.2	26
3	Mesoporous additive-free vaterite CaCO ₃ crystals of untypical sizes: From submicron to Giant. <i>Materials and Design</i> , 2021, 197, 109220.	3.3	34
4	Interfacial Embedding of Laser-Manufactured Fluorinated Gold Clusters Enabling Stable Perovskite Solar Cells with Efficiency Over 24%. <i>Advanced Materials</i> , 2021, 33, e2101590.	11.1	62
5	Study of Phase Transitions in n-Tricosane/Bitumen Aqueous Dispersions by the Optical Method. <i>Energy & Fuels</i> , 2020, 34, 5168-5175.	2.5	9
6	Clay Nanotube Liquid Marbles Enhanced with Inner Biofilm Formation for the Encapsulation and Storage of Bacteria at Room Temperature. <i>ACS Applied Nano Materials</i> , 2020, 3, 1263-1271.	2.4	27
7	Manganese and Cobalt Doped Hierarchical Mesoporous Halloysite-Based Catalysts for Selective Oxidation of p-Xylene to Terephthalic Acid. <i>Catalysts</i> , 2020, 10, 7.	1.6	21
8	Comparison of micro-DSC and light scattering methods for studying the phase behavior of n-alkane in the oil-in-water dispersion. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 2035-2041.	2.0	6
9	Micro-mesoporous MCM-41/ZSM-5 supported Pt and Pd catalysts for hydroisomerization of C-8 aromatic fraction. <i>Applied Catalysis A: General</i> , 2020, 603, 117764.	2.2	28
10	Effect of Base Oil Nature on the Operational Properties of Low-Temperature Greases. <i>ACS Omega</i> , 2020, 5, 11946-11954.	1.6	11
11	Catalytic oligomerization of isobutylene at the boiling point of liquid nitrogen. <i>Chemical Engineering Science</i> , 2020, 227, 115903.	1.9	1
12	Selective Hydrogenation of Acetylene over Pd-Mn/Al ₂ O ₃ Catalysts. <i>Catalysts</i> , 2020, 10, 624.	1.6	13
13	Ru/CdS Quantum Dots Templated on Clay Nanotubes as Visible-Light-Active Photocatalysts: Optimization of S/Cd Ratio and Ru Content. <i>Chemistry - A European Journal</i> , 2020, 26, 13085-13092.	1.7	48
14	Algal Bloom Occurrence and Effects in Russia. <i>Water (Switzerland)</i> , 2020, 12, 285.	1.2	26
15	Effect of Biomass Hydrothermal Liquefaction Conditions on Fractional Composition and Physical Properties of the Obtained Bio-Oil. <i>Chemistry and Technology of Fuels and Oils</i> , 2020, 55, 661-665.	0.2	0
16	Clay Composites for Thermal Energy Storage: A Review. <i>Molecules</i> , 2020, 25, 1504.	1.7	23
17	The Influence of the Type of Oil Model During the Displacement of Light Oil by Gas on Their Miscibility. <i>Chemistry and Technology of Fuels and Oils</i> , 2019, 55, 432-438.	0.2	0
18	A Study of Platinum Catalysts Based on Ordered Al ₂ O ₃ /ZSM-41 Aluminosilicate and Natural Halloysite Nanotubes in Xylene Isomerization. <i>Petroleum Chemistry</i> , 2019, 59, 1226-1234.	0.4	17

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19	Composition and Properties of microalgae Biomass Hydrothermal Liquefaction Products. Chemistry and Technology of Fuels and Oils, 2019, 55, 373-377.	0.2	5
20	Halloysite Based Core-Shell Nanosystems: Synthesis and Application. , 2019, , 203-256.		7
21	Cellulose Nanofibrils and Tubular Halloysite as Enhanced Strength Gelation Agents. Polymers, 2019, 11, 919.	2.0	14
22	Hydroconversion of Aromatic Hydrocarbons over Bimetallic Catalysts. Catalysts, 2019, 9, 384.	1.6	11
23	Templated self-assembly of ordered mesoporous silica on clay nanotubes. Chemical Communications, 2019, 55, 5507-5510.	2.2	50
24	Perfluorinated hybrid membranes modified by metal decorated clay nanotubes. Journal of Membrane Science, 2019, 582, 172-181.	4.1	11
25	Hydrothermal liquefaction-isomerization of biomass for biofuel production. IOP Conference Series: Earth and Environmental Science, 2019, 337, 012011.	0.2	3
26	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
27	Mesoporous Metal Catalysts Templated on Clay Nanotubes. Bulletin of the Chemical Society of Japan, 2019, 92, 61-69.	2.0	89
28	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
29	Thermodynamic Calculations to Determine the Optimal Composition of Oxide Catalysts. ChemPhysChem, 2018, 19, 1522-1530.	1.0	1
30	Core-shell nanoarchitecture: Schiff-base assisted synthesis of ruthenium in clay nanotubes. Pure and Applied Chemistry, 2018, 90, 825-832.	0.9	26
31	Nanoparticles Formed onto/into Halloysite Clay Tubules: Architectural Synthesis and Applications. Chemical Record, 2018, 18, 858-867.	2.9	56
32	Hydrogen Peroxide Formation in Boiling Water Plasma of Electrolyte-Cathode Discharge. High Energy Chemistry, 2018, 52, 171-182.	0.2	1
33	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
34	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
35	Amplification of surface-enhanced Raman scattering by the oxidation of capping agents on gold nanoparticles. RSC Advances, 2018, 8, 19051-19057.	1.7	17
36	Fluorescence and Cytotoxicity of Cadmium Sulfide Quantum Dots Stabilized on Clay Nanotubes. Nanomaterials, 2018, 8, 391.	1.9	43

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37	Transport Asymmetry of Novel Bi-Layer Hybrid Perfluorinated Membranes on the Base of MF-4SC Modified by Halloysite Nanotubes with Platinum. <i>Polymers</i> , 2018, 10, 366.	2.0	19
38	Modeling of Block of Reactors of High-Temperature Pyrolysis Process Line. <i>Chemistry and Technology of Fuels and Oils</i> , 2018, 54, 140-149.	0.2	1
39	Formation of metal clusters in halloysite clay nanotubes. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 147-151.	2.8	102
40	Alkylation of benzene with ethylene in the presence of dimethyldichlorosilane. <i>Journal of Catalysis</i> , 2017, 352, 75-82.	3.1	18
41	Halloysite Nanoclay Based CdS Formulations with High Catalytic Activity in Hydrogen Evolution Reaction under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11316-11323.	3.2	83
42	Oxidative cracking of crude oil by hydrogen peroxide in the presence of iron oxide nanoparticles. <i>Petroleum Chemistry</i> , 2017, 57, 584-588.	0.4	7
43	Antifouling Thermoplastic Composites with Maleimide Encapsulated in Clay Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30083-30091.	4.0	20
44	Core/Shell Ruthenium-Halloysite Nanocatalysts for Hydrogenation of Phenol. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 14043-14052.	1.8	83
45	The synthesis of 5-hydroxymethylfurfural from carbohydrates and lignocellulose using an N,N-dimethylacetamide-LiCl solvent system. <i>Starch/Staerke</i> , 2016, 68, 637-643.	1.1	12
46	Using copper nanomarkers for revealing microcracks and regions of microdamage on the surface of pipelines and parts of oil and gas machinery. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2016, 52, 1128-1133.	0.3	0
47	Efficient catalysts for benzene alkylation with olefins. <i>Catalysis Communications</i> , 2016, 82, 1-6.	1.6	8
48	Synthesis of large uniform gold and core-shell gold-silver nanoparticles: Effect of temperature control. <i>Russian Journal of Physical Chemistry A</i> , 2016, 90, 152-157.	0.1	9
49	Diffusive permeability of hybrid cation-exchange membranes MF-4SC/halloysite nanotubes. , 2015, , .		0
50	Catalytic cracking of vacuum gas oil with wave-induced feedstock preactivation. <i>Theoretical Foundations of Chemical Engineering</i> , 2015, 49, 756-762.	0.2	0
51	Natural Ceramic Nanotube Substrates for Surface-Enhanced Raman Spectroscopy. <i>Jom</i> , 2015, 67, 2877-2880.	0.9	3
52	Performance of Reformers with Different Catalyst Distributions in the Reactors. Parametric Equations for Calculating the Octane Number of the Reformate. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 51, 1-9.	0.2	2
53	Oxidative desulfurization of hydrocarbon fuel with high olefin content. <i>Petroleum Chemistry</i> , 2015, 55, 571-574.	0.4	16
54	Comparison of surface area of wet and dry lignocellulosic raw material before and after pretreatment. <i>Forestry Engineering Journal</i> , 2015, 5, 152-159.	0.1	0

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55	Core-shell composite metal catalysts incased into natural ceramic nanotubes. IOP Conference Series: Materials Science and Engineering, 2014, 64, 012017.	0.3	1
56	Synthesis of gold nanoparticles in organogels. Mendeleev Communications, 2014, 24, 53-54.	0.6	3
57	Waste-Free SHS Technology of Hydrofining Catalyst Production. Chemistry and Technology of Fuels and Oils, 2014, 50, 1-4.	0.2	0
58	Rapid Optimization of Metal Nanoparticle Surface Modification with High-Throughput Gel Electrophoresis. ACS Nano, 2014, 8, 1449-1456.	7.3	12
59	Pulsed microwave discharge in a capillary filled with atmospheric-pressure gas. Plasma Physics Reports, 2013, 39, 644-650.	0.3	3
60	Laminar Burning Velocities of Dimethyl Carbonate with Air. Energy & Fuels, 2013, 27, 5513-5517.	2.5	42
61	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
62	Methane conversion in a multielectrode slipping surface discharge in the two-phase water-gas medium. Technical Physics, 2011, 56, 1588-1592.	0.2	4
63	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
64	Fabrication of nanostructured materials in ultrahigh-frequency discharge plasma. Chemistry and Technology of Fuels and Oils, 2011, 46, 424-429.	0.2	0
65	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
66	Features of synthesis of a support for reforming catalysts. Chemistry and Technology of Fuels and Oils, 2010, 46, 203-210.	0.2	0
67	Conversion of methane in a coaxial microwave torch. Plasma Physics Reports, 2009, 35, 933-940.	0.3	7