

Vladimir A Vinokurov

List of Publications by Year in descending order

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209
papers

3,441
citations

172207

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189595

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g-index

215
all docs

215
docs citations

215
times ranked

3043
citing authors

#	ARTICLE	IF	CITATIONS
1	Urea as a green thermodynamic inhibitor of sll gas hydrates. Chemical Engineering Journal, 2022, 429, 132386.	6.6	19
2	Ag-Modified microfibrillar cellulose as support in composite phase change materials with enhanced thermal transfer properties. Materials Letters, 2022, 308, 131173.	1.3	2
3	Carbon deposition behaviors in dry reforming of CH ₄ at elevated pressures over Ni/MoCeZr/MgAl ₂ O ₄ -MgO catalysts. Fuel, 2022, 310, 122449.	3.4	18
4	Natural aluminosilicate nanotubes loaded with RuCo as nanoreactors for Fischer-Tropsch synthesis. Science and Technology of Advanced Materials, 2022, 23, 17-30.	2.8	5
5	Nanoarchitectural approach for synthesis of highly crystalline zeolites with a low Si/Al ratio from natural clay nanotubes. Microporous and Mesoporous Materials, 2022, 330, 111622.	2.2	13
6	Zeta Potential of Nanosized Particles of Cellulose as a Function of pH. Chemistry and Technology of Fuels and Oils, 2022, 57, 913-916.	0.2	5
7	Facile synthesis of shape-stable phase-change composites <i>via</i> the adsorption of stearic acid onto cellulose microfibers. Materials Chemistry Frontiers, 2022, 6, 1033-1045.	3.2	14
8	Natural Nanoclay-Based Silverâ€“Phosphomolybdic Acid Composite with a Dual Antimicrobial Effect. ACS Omega, 2022, 7, 6728-6736.	1.6	6
9	Structure and Properties of Cellulose/Mycelium Biocomposites. Polymers, 2022, 14, 1519.	2.0	9
10	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
11	Porous Alginate Scaffolds Designed by Calcium Carbonate Leaching Technique. Advanced Functional Materials, 2022, 32, .	7.8	14
12	Dimethyl sulfoxide as a novel thermodynamic inhibitor of carbon dioxide hydrate formation. Chemical Engineering Science, 2022, 255, 117670.	1.9	16
13	CuZnAlOOH catalysts with Cu ⁰ /Cu ⁺ constructed by two-step hydrolysis for ethanol production from syngas. Fuel, 2022, 322, 124111.	3.4	10
14	Architectural design of coreâ€“shell nanotube systems based on aluminosilicate clay. Nanoscale Advances, 2022, 4, 2823-2835.	2.2	22
15	New mechanistic insights into direct ethylene glycol synthesis from syngas over modified Rh carbonyl catalysts. Fuel, 2022, 324, 124500.	3.4	0
16	Dataset for the dimethyl sulfoxide as a novel thermodynamic inhibitor of carbon dioxide hydrate formation. Data in Brief, 2022, 42, 108289.	0.5	4
17	Prokaryotic and eukaryotic toxicity of halloysite decorated with photoactive nanoparticles. Chemical Communications, 2022, 58, 7719-7729.	2.2	10
18	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

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19	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
20	Influence of the Procedure for Preparing Ruthenium Nanoparticles on the Internal Surface of Aluminosilicate Nanotubes on Their Catalytic Properties in Benzene Hydrogenation in the Presence of Water. <i>Petroleum Chemistry</i> , 2021, 61, 676.	0.4	2
21	Detection of bacterial colonization by the spectral changes of surface-enhanced Raman reporters. <i>Biochemical and Biophysical Research Communications</i> , 2021, 546, 145-149.	1.0	1
22	Freezing-induced loading of Au nanoparticles into halloysite nanotubes. <i>Materials Letters</i> , 2021, 291, 129506.	1.3	5
23	The mesoporous silicate-alumina composites application as supports for bifunctional sulfide catalysts for n-hexadecane hydroconversion. <i>Journal of Porous Materials</i> , 2021, 28, 1449-1458.	1.3	3
24	Fluorescent gold nanoclusters stabilized on halloysite nanotubes: in vitro study on cytotoxicity. <i>Applied Clay Science</i> , 2021, 207, 106106.	2.6	22
25	Micro-Mesoporous Catalyst Based on Natural Aluminosilicate Nanotubes and ZSM-5 Zeolite for Methanol Conversion to Hydrocarbons. <i>Petroleum Chemistry</i> , 2021, 61, 773-780.	0.4	2
26	Hydroconversion of n-Hexadecane on Zeolite-Containing Sulfide-Based Catalysts: Influence of Nitrogen Impurity in the Feedstock on the Hydroisomerization Selectivity. <i>Petroleum Chemistry</i> , 2021, 61, 739-747.	0.4	2
27	Biodistribution of Quantum Dots-Labelled Halloysite Nanotubes: A <i>Caenorhabditis elegans</i> In Vivo Study. <i>Materials</i> , 2021, 14, 5469.	1.3	14
28	Interfacial tension and phase properties of water “Hydrotrope” Oil solutions: Water “2-butoxyethanol” Toluene. <i>Journal of Molecular Liquids</i> , 2021, 344, 117683.	2.3	8
29	Sepiolite Nanocarriers as a Matrix for Controlled Thermal Energy Storage. <i>ACS Omega</i> , 2021, 6, 25828-25834.	1.6	4
30	Ruthenium-Containing Catalysts Based on Halloysite Aluminosilicate Nanotubes of Different Origin in Benzene Hydrogenation. <i>Petroleum Chemistry</i> , 2021, 61, 1104-1110.	0.4	2
31	Bizeolite Pt/ZSM-5:ZSM-12/Al ₂ O ₃ catalyst for hydroisomerization of C-8 fraction with various ethylbenzene content. <i>Catalysis Today</i> , 2021, 378, 83-95.	2.2	9
32	The pursuit of a more powerful thermodynamic hydrate inhibitor than methanol. Dimethyl sulfoxide as a case study. <i>Chemical Engineering Journal</i> , 2021, 423, 130227.	6.6	26
33	Clay nanotube-metal core/shell catalysts for hydroprocesses. <i>Chemical Society Reviews</i> , 2021, 50, 9240-9277.	18.7	73
34	CO ₂ hydrogenation to dimethyl ether over In ₂ O ₃ catalysts supported on aluminosilicate halloysite nanotubes. <i>Green Processing and Synthesis</i> , 2021, 10, 594-605.	1.3	6
35	Potential use of basidiomycota <i>Trametes hirsuta</i> MT-17.24 in biodegradation of polyanionic cellulose. <i>Izvestiĭ Vuzov: Prikladnaĭ Himiĭ I Biotekhnologiĭ</i> , 2021, 11, 472-480.	0.1	1
36	Nanoscale Functional Additives Application in the Low Temperature Greases. <i>Polymers</i> , 2021, 13, 3749.	2.0	3

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37	Dataset for the interfacial tension and phase properties of the ternary system water-2-butxyethanol-toluene. Data in Brief, 2021, 39, 107532.	0.5	2
38	Isomerization of Xylenes (a Review). Petroleum Chemistry, 2021, 61, 1158-1177.	0.4	8
39	Micro-Mesoporous Catalyst Based on Dealuminated Halloysite Nanotubes for Isomerization of C-8 Aromatic Fraction. Petroleum Chemistry, 2021, 61, 1085-1095.	0.4	5
40	Selective hydrogenation of terminal alkynes over palladium nanoparticles within the pores of amino-modified porous aromatic frameworks. Catalysis Today, 2020, 357, 176-184.	2.2	22
41	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
42	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
43	Gas hydrate nucleation and growth in the presence of water-soluble polymer, nonionic surfactants, and their mixtures. Journal of Natural Gas Science and Engineering, 2020, 82, 103491.	2.1	25
44	Effect of Base Oil Nature on the Operational Properties of Low-Temperature Greases. ACS Omega, 2020, 5, 11946-11954.	1.6	11
45	Methane Hydrate Formation in Halloysite Clay Nanotubes. ACS Sustainable Chemistry and Engineering, 2020, 8, 7860-7868.	3.2	37
46	Transition Metal Sulfides- and Noble Metal-Based Catalysts for N-Hexadecane Hydroisomerization: A Study of Poisons Tolerance. Catalysts, 2020, 10, 594.	1.6	21
47	Ruthenium Catalysts Templated on Mesoporous MCM-41 Type Silica and Natural Clay Nanotubes for Hydrogenation of Benzene to Cyclohexane. Catalysts, 2020, 10, 537.	1.6	33
48	Selective Hydrogenation of Acetylene over Pd-Mn/Al ₂ O ₃ Catalysts. Catalysts, 2020, 10, 624.	1.6	13
49	Highly Effective Functionalized Coatings with Antibacterial and Antifouling Properties. ACS Sustainable Chemistry and Engineering, 2020, 8, 8928-8937.	3.2	29
50	Naturally derived nano- and micro-drug delivery vehicles: halloysite, vaterite and nanocellulose. New Journal of Chemistry, 2020, 44, 5638-5655.	1.4	72
51	Effect of Thickener Nature on Properties of Polyurealubricant Compositions Based on Esters. Chemistry and Technology of Fuels and Oils, 2020, 55, 689-696.	0.2	6
52	Ru/CdS Quantum Dots Templated on Clay Nanotubes as Visible-Light-Active Photocatalysts: Optimization of S/Cd Ratio and Ru Content. Chemistry - A European Journal, 2020, 26, 13085-13092.	1.7	48
53	Antibacterial properties and <i>in vivo</i> studies of tannic acid-stabilized silver-halloysite nanomaterials. Clay Minerals, 2020, 55, 112-119.	0.2	17
54	Clay Composites for Thermal Energy Storage: A Review. Molecules, 2020, 25, 1504.	1.7	23

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55	Ruthenium-Loaded Halloysite Nanotubes as Mesocatalysts for Fischer-Tropsch Synthesis. <i>Molecules</i> , 2020, 25, 1764.	1.7	29
56	Formation of ruthenium nanoparticles inside aluminosilicate nanotubes and their catalytic activity in aromatics hydrogenation: the impact of complexing agents and reduction procedure. <i>Pure and Applied Chemistry</i> , 2020, 92, 909-918.	0.9	6
57	Hexamethylenetetramine-assisted hydrothermal synthesis of efficient and stable Ni-MoCeZr-MgAl(O) catalysts for dry reforming of CH ₄ : Effect of Ni content. <i>Fuel</i> , 2019, 254, 115562.	3.4	15
58	Structure Simulation and Calculation of the Energy of Interaction of the Fragments of Cellulose Macromolecules. <i>Solid Fuel Chemistry</i> , 2019, 53, 190-196.	0.2	0
59	A Study of Platinum Catalysts Based on Ordered Al-MCM-41 Aluminosilicate and Natural Halloysite Nanotubes in Xylene Isomerization. <i>Petroleum Chemistry</i> , 2019, 59, 1226-1234.	0.4	17
60	The active site of syngas conversion into ethanol over Cu/ZnO/Al ₂ O ₃ ternary catalysts in slurry bed. <i>Journal of Catalysis</i> , 2019, 380, 68-82.	3.1	22
61	Ruthenium Catalysts on ZSM-5/MCM-41 Micro-Mesoporous Support for Hydrodeoxygenation of Guaiacol in the Presence of Water. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 1170-1178.	0.1	14
62	Use of Transformer Oil and "Dry Water" to Store and Transport Methane Hydrate. <i>Chemistry and Technology of Fuels and Oils</i> , 2019, 55, 280-286.	0.2	1
63	Generic Nature of Interfacial Phenomena in Solutions of Nonionic Hydrotropes. <i>Langmuir</i> , 2019, 35, 13480-13487.	1.6	9
64	Carbon chain growth by formyl coupling over the Cu/AlOOH(001) surface in syngas conversion. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 148-159.	1.3	12
65	Interfacial Self-Assembly in Halloysite Nanotube Composites. <i>Langmuir</i> , 2019, 35, 8646-8657.	1.6	82
66	Cellulose Nanofibrils and Tubular Halloysite as Enhanced Strength Gelation Agents. <i>Polymers</i> , 2019, 11, 919.	2.0	14
67	Bimetallic Sulfur Reduction Additives Based on Aluminosilicate of Al-MCM-41 Type For Cracking Catalysts: Desulfurizing Activity vs. Ratio of Components in a Support. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 562-568.	0.1	3
68	Application of Multidimensional Analysis Methods to Dead Oil Characterization on the Basis of Data on Thermal Field-Flow Fractionation of Native Asphaltene Nanoparticles. <i>Petroleum Chemistry</i> , 2019, 59, 34-47.	0.4	3
69	Synergistic effect of salts and methanol in thermodynamic inhibition of all gas hydrates. <i>Journal of Chemical Thermodynamics</i> , 2019, 137, 119-130.	1.0	29
70	Antimicrobial Applications of Clay Nanotube-Based Composites. <i>Nanomaterials</i> , 2019, 9, 708.	1.9	71
71	Hydroconversion of Aromatic Hydrocarbons over Bimetallic Catalysts. <i>Catalysts</i> , 2019, 9, 384.	1.6	11
72	Templated self-assembly of ordered mesoporous silica on clay nanotubes. <i>Chemical Communications</i> , 2019, 55, 5507-5510.	2.2	50

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73	Production of Radiation Cross-Linked Cellulose-Based Polymeric Materials*. Chemistry and Technology of Fuels and Oils, 2019, 54, 733-737.	0.2	0
74	Perfluorinated hybrid membranes modified by metal decorated clay nanotubes. Journal of Membrane Science, 2019, 582, 172-181.	4.1	11
75	Formation and agglomeration of gas hydrates in gas " organic liquid " water systems in a stirred reactor: Role of resins/asphaltenes/surfactants. Journal of Petroleum Science and Engineering, 2019, 176, 952-961.	2.1	43
76	Hydrodeoxygenation of bio-derived anisole to cyclohexane over bi-functional IM-5 zeolite supported Ni catalysts. Sustainable Energy and Fuels, 2019, 3, 3462-3472.	2.5	25
77	Development of Marine Antifouling Epoxy Coating Enhanced with Clay Nanotubes. Materials, 2019, 12, 4195.	1.3	29
78	Natural Polymer Additives for Strengthening Packaging Materials. Chemistry and Technology of Fuels and Oils, 2019, 55, 561-567.	0.2	2
79	Aluminosilicates supported La-containing sulfur reduction additives for FCC catalyst: Correlation between activity, support structure and acidity. Catalysis Today, 2019, 329, 135-141.	2.2	26
80	Highly stable and anti-coking Ni/MoCeZr/MgAl ₂ O ₄ -MgO complex support catalysts for CO ₂ reforming of CH ₄ : Effect of the calcination temperature. Energy Conversion and Management, 2019, 179, 166-177.	4.4	34
81	Mesoporous Metal Catalysts Templated on Clay Nanotubes. Bulletin of the Chemical Society of Japan, 2019, 92, 61-69.	2.0	89
82	Condensing separator - a new device and gas preparation system. Neftyanoe Khozyaystvo - Oil Industry, 2019, 12, 77-81.	0.1	0
83	USING OF ESTERS AS DISPERSION MEDIUM OF POLYUREA PLASTIC GREASES. ChemChemTech, 2019, 62, 73-78.	0.1	1
84	Simultaneous increase in cellular content and volumetric concentration of lipids in Bracteacoccus bullatus cultivated at reduced nitrogen and phosphorus concentrations. Journal of Applied Phycology, 2018, 30, 2237-2246.	1.5	22
85	Thermodynamic Calculations to Determine the Optimal Composition of Oxide Catalysts. ChemPhysChem, 2018, 19, 1522-1530.	1.0	1
86	An assembly of organic-inorganic composites using halloysite clay nanotubes. Current Opinion in Colloid and Interface Science, 2018, 35, 42-50.	3.4	316
87	Biodiesel fuel production by Aspergillus niger whole-cell biocatalyst in optimized medium. Mycoscience, 2018, 59, 147-152.	0.3	20
88	Core-shell nanoarchitecture: Schiff-base assisted synthesis of ruthenium in clay nanotubes. Pure and Applied Chemistry, 2018, 90, 825-832.	0.9	26
89	Nanoparticles Formed onto/into Halloysite Clay Tubules: Architectural Synthesis and Applications. Chemical Record, 2018, 18, 858-867.	2.9	56
90	Visual observation of gas hydrates nucleation and growth at a water " organic liquid interface. Journal of Crystal Growth, 2018, 485, 54-68.	0.7	26

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91	Study of the Oxidation Products of Light Oil Aromatic Compounds Using Ultrahigh Resolution Mass Spectrometry. <i>Chemistry and Technology of Fuels and Oils</i> , 2018, 53, 891-896.	0.2	2
92	Stabilized Dye-Pigment Formulations with Platy and Tubular Nanoclays. <i>Advanced Functional Materials</i> , 2018, 28, 1703553.	7.8	64
93	Nanostructured Ruthenium Catalysts in Hydrogenation of Aromatic Compounds. <i>Petroleum Chemistry</i> , 2018, 58, 1221-1226.	0.4	24
94	Influence of petroleum fractions on the process of methane hydrate self-preservation. <i>Mendeleev Communications</i> , 2018, 28, 533-535.	0.6	4
95	Isomerization of Xylenes in the Presence of Pt-Containing Catalysts Based on Halloysite Aluminosilicate Nanotubes. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 1353-1362.	0.1	18
96	Acid and Oxidative Treatment of Raw Material for the Production of Nanofibrillar Cellulose. <i>Chemistry and Technology of Fuels and Oils</i> , 2018, 54, 564-568.	0.2	12
97	Influence of Fractions Isolated from Crude Oils and Refined Petroleum Product on Decomposition Process of Methane Hydrate. <i>Energy & Fuels</i> , 2018, 32, 11279-11288.	2.5	10
98	Activated Low-Temperature Viscosity Breaking of Heavy Oil with Additives of Iron Particles and Asphaltene and Paraffin Deposits. <i>Theoretical Foundations of Chemical Engineering</i> , 2018, 52, 681-685.	0.2	2
99	Unexpected formation of sll methane hydrate in some water-in-oil emulsions: Different reasons for the same phenomenon. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 60, 284-293.	2.1	15
100	Promotional Influence of Hydroxyl Complexing Agent on Ethanol Synthesis from Syngas Over CuZnAl Catalysts Without Other Metal Promoters. <i>Catalysis Letters</i> , 2018, 148, 3477-3485.	1.4	6
101	Nanocellulose as a Component of Ultrafiltration Membranes. <i>Petroleum Chemistry</i> , 2018, 58, 923-933.	0.4	18
102	Halloysite nanotube-based cobalt mesocatalysts for hydrogen production from sodium borohydride. <i>Journal of Solid State Chemistry</i> , 2018, 268, 182-189.	1.4	54
103	Amplification of surface-enhanced Raman scattering by the oxidation of capping agents on gold nanoparticles. <i>RSC Advances</i> , 2018, 8, 19051-19057.	1.7	17
104	Nucleation of gas hydrates in multiphase systems with several types of interfaces. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 783-795.	2.0	26
105	Fluorescence and Cytotoxicity of Cadmium Sulfide Quantum Dots Stabilized on Clay Nanotubes. <i>Nanomaterials</i> , 2018, 8, 391.	1.9	43
106	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
107	Oxidation of p-Xylene. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 707-727.	0.1	11
108	Inhibition-replacement methane recovery from gas hydrates: an experimental study.. <i>Earth's Cryosphere</i> , 2018, , .	0.5	1

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109	Formation of metal clusters in halloysite clay nanotubes. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 147-151.	2.8	102
110	Application of halloysite clay nanotubes as a pharmaceutical excipient. <i>International Journal of Pharmaceutics</i> , 2017, 521, 267-273.	2.6	94
111	Fucoxanthin production by heterokont microalgae. <i>Algal Research</i> , 2017, 24, 387-393.	2.4	88
112	Synthesis of bimetallic gold/silver nanoparticles via in situ seeding. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 141-144.	0.1	3
113	Antiknock Properties of Blends of 2-Methylfuran and 2,5-Dimethylfuran with Reference Fuel. <i>Chemistry and Technology of Fuels and Oils</i> , 2017, 53, 147-153.	0.2	9
114	Paclitaxel Encapsulated in Halloysite Clay Nanotubes for Intestinal and Intracellular Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3131-3139.	1.6	98
115	Alkylation of benzene with ethylene in the presence of dimethyldichlorosilane. <i>Journal of Catalysis</i> , 2017, 352, 75-82.	3.1	18
116	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
117	The effect of methylfurans on the physicochemical and performance characteristics of finished motor gasoline. <i>Petroleum Chemistry</i> , 2017, 57, 914-922.	0.4	2
118	Prospects for the use of new basidiomycete strains for the direct conversion of lignocellulose into ethanol. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 557-561.	0.3	6
119	Oxidative and Radiative Pretreatment of Lignocellulose Feedstock for Producing Biofuel. <i>Chemistry and Technology of Fuels and Oils</i> , 2017, 53, 633-637.	0.2	3
120	Core/Shell Ruthenium-Halloysite Nanocatalysts for Hydrogenation of Phenol. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 14043-14052.	1.8	83
121	Phase equilibrium for clathrate hydrate formed in methane-water-ethylene carbonate system. <i>Fluid Phase Equilibria</i> , 2017, 432, 1-9.	1.4	19
122	New approach to characterization of hybrid nanocomposites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 251-259.	2.3	25
123	Two-stage oxidative desulfurization of material containing oil sludge. <i>Theoretical Foundations of Chemical Engineering</i> , 2017, 51, 830-834.	0.2	1
124	Synthesis and prediction of transport properties of hybrid bilayer ion-exchange membranes. <i>Surface Innovations</i> , 2017, 5, 130-137.	1.4	5
125	Effect of Base Oil Composition on the Low-Temperature Properties of Polyurea Greases. <i>Petroleum Chemistry</i> , 2017, 57, 1177-1181.	0.4	12
126	Analysis of Sour Oil Ozonation Products by Ultra-High Resolution Mass-Spectrometry. <i>Petroleum Chemistry</i> , 2017, 57, 1012-1017.	0.4	4

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127	A new method for the replacement of CH ₄ with CO ₂ in natural gas hydrate production. <i>Natural Gas Industry B</i> , 2016, 3, 445-451.	1.4	33
128	Dependence of Oil Extraction Factor on Thermodynamic Parameters of Solvent. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 52, 409-413.	0.2	0
129	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
130	Effect of Electromagnetic Radiation on the Thermal Cracking of Activated Oil Sludge. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 52, 52-62.	0.2	2
131	Inhibiting Gas Hydrate Formation by Polymer-Modified Monoethylene Glycol Mixture. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 52, 43-51.	0.2	9
132	Efficient catalysts for benzene alkylation with olefins. <i>Catalysis Communications</i> , 2016, 82, 1-6.	1.6	8
133	Hydrogenation of aromatic hydrocarbons over nickel-tungsten sulfide catalysts containing mesoporous aluminosilicates of different nature. <i>Petroleum Chemistry</i> , 2016, 56, 599-606.	0.4	10
134	Fatty Acid Composition of Basidiomycetes Lipids - a Promising Feedstock for Obtaining Biodiesel. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 52, 255-260.	0.2	1
135	Catalytic Cracking of Petroleum Feedstock in the Presence of Additives Derived from Cross-Linked Mesoporous Oxides for Reduction of the Sulfur Content in Liquid Products. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 52, 171-174.	0.2	4
136	Polymer-Modified Methanol Combines Inhibition of Gas Hydrate Formation. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 52, 162-170.	0.2	7
137	New strains of basidiomycetes that produce bioethanol from lignocellulose biomass. <i>Applied Biochemistry and Microbiology</i> , 2016, 52, 638-642.	0.3	12
138	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
139	Kinetic Inhibition of Hydrate Formation by Polymeric Reagents: Effect of Pressure and Structure of Gas Hydrates. <i>Chemistry and Technology of Fuels and Oils</i> , 2016, 51, 679-687.	0.2	8
140	Oil Sludge Treatment Processes. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 51, 506-515.	0.2	32
141	Lipids of Basidial Fungi as Feedstock for Biodiesel Fuel Production. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 51, 411-421.	0.2	5
142	Size-selective contrasting of cracks on a metal surface by gold nanoparticles. <i>Mendeleev Communications</i> , 2015, 25, 356-357.	0.6	1
143	Diffusive permeability of hybrid cation-exchange membranes MF-4SC/halloysite nanotubes. , 2015, , .		0
144	Ethanol Production from Lignocellulosic Biomass Using Xylophilic Basidiomycetes. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 51, 516-525.	0.2	3

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145	Catalytic cracking of vacuum gas oil with wave-induced feedstock preactivation. Theoretical Foundations of Chemical Engineering, 2015, 49, 756-762.	0.2	0
146	Cracking of vacuum gas oil over poisoned and passivated catalysts with wave-induced feedstock preactivation. Theoretical Foundations of Chemical Engineering, 2015, 49, 763-768.	0.2	0
147	Synthesis of 5-Hydroxymethylfurfuraldehyde from Fructose in Aqueous Organic Media. Chemistry and Technology of Fuels and Oils, 2015, 50, 472-474.	0.2	3
148	Natural Ceramic Nanotube Substrates for Surface-Enhanced Raman Spectroscopy. Jom, 2015, 67, 2877-2880.	0.9	3
149	Methanolysis of Sunflower Oil Using Immobilized Fungal Cells as Biocatalyst. Chemistry and Technology of Fuels and Oils, 2015, 50, 449-452.	0.2	6
150	Transport Properties of Novel Hybrid Cation-Exchange Membranes on the Base of MF-4SC and Halloysite Nanotubes. Journal of Materials Science and Chemical Engineering, 2015, 03, 58-65.	0.2	6
151	Reduction of the total sulfur content of the liquid products obtained by the extraction of oil shale (short communication). Solid Fuel Chemistry, 2015, 49, 324-325.	0.2	1
152	Influence of Electromagnetic Radiation on Group and Fractional Composition of Oils and Oil Residues. Chemistry and Technology of Fuels and Oils, 2015, 51, 333-338.	0.2	3
153	Oxidative desulfurization of hydrocarbon fuel with high olefin content. Petroleum Chemistry, 2015, 55, 571-574.	0.4	16
154	Palladium nanoparticles encapsulated in a dendrimer networks as catalysts for the hydrogenation of unsaturated hydrocarbons. Journal of Molecular Catalysis A, 2015, 397, 1-18.	4.8	27
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