

Zinfer Ismagilov

List of Publications by Year in descending order

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436
papers

6,825
citations

94269

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102304

66
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docs citations

483
times ranked

6420
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and modulation of Cu-BTC-(n)Br/MCFs with water stability and its application for CO ₂ capture. Journal of Environmental Chemical Engineering, 2022, 10, 107564.	3.3	1
2	Humic and Lipid Components Derived from Lignite. Coke and Chemistry, 2021, 64, 31-36.	0.0	0
3	The optimization of preparation mode of metal-carbon catalysts for oxidative desulfurization of diesel fractions. Journal of Physics: Conference Series, 2021, 1749, 012022.	0.3	2
4	Dependence of the heat of combustion of coals on their degree of metamorphism. Journal of Physics: Conference Series, 2021, 1749, 012002.	0.3	0
5	Depleted Uranium Compounds and Prospects for Their Use in Catalysis. Chemistry for Sustainable Development, 2021, 29, 291-310.	0.0	0
6	Pilot tests of low-temperature catalytic reduction of sulfur dioxide in realistic conditions of sulfur recovery unit at copper plant of Polar Division of PSC «Norilsk Nickel». Journal of Physics: Conference Series, 2021, 1749, 012028.	0.3	0
7	Study of bitumoids extracted from O-alkylated brown coal. Journal of Physics: Conference Series, 2021, 1749, 012029.	0.3	0
8	Comparative study of demineralized coals by IR spectroscopy. Journal of Physics: Conference Series, 2021, 1749, 012001.	0.3	0
9	Basic technologies of direct catalytic oxidation of H ₂ S to sulfur. Journal of Physics: Conference Series, 2021, 1749, 012027.	0.3	1
10	Study of the molecular structure of hexane-insoluble asphaltenes in coal tar pitch. Journal of Physics: Conference Series, 2021, 1749, 012032.	0.3	0
11	Investigation of the structural characteristics of vitrinites of some coals of the Kuznetsk Basin. Journal of Physics: Conference Series, 2021, 1749, 012015.	0.3	0
12	Physicochemical properties of microcomponents of the Kuznetsk Basin coals. Journal of Physics: Conference Series, 2021, 1749, 012003.	0.3	0
13	Study of the kinetic dependences of the glow and determination of the threshold characteristics of ignition of coals with different stages of metamorphism under the action of microsecond laser pulses. Journal of Physics: Conference Series, 2021, 1749, 012016.	0.3	0
14	Study of the chemical and technological properties of long-flame, long-flame-gas and gas coals of the Kuznetsk Basin. Journal of Physics: Conference Series, 2021, 1749, 012004.	0.3	0
15	Comparative study of coal samples from different deposits of Kuzbass. Journal of Physics: Conference Series, 2021, 1749, 012007.	0.3	1
16	Determination of the parameters of the porous structure of carbon sorbents based on Kuzbass fossil coals by the method of low-temperature nitrogen adsorption. Journal of Physics: Conference Series, 2021, 1749, 012020.	0.3	1
17	Study of the features of brown coal by p ¹³ C trographie analysis. Journal of Physics: Conference Series, 2021, 1749, 012031.	0.3	1
18	Study Of Fossil Coals In The Kuznetsk Basin By Epr Spectroscopy. Journal of Physics: Conference Series, 2021, 1749, 012018.	0.3	0

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19	Adsorption method for determining the texture characteristics of Kuzbass fossil coals of the metamorphism series. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012019.	0.3	2
20	Sorption methods for capturing carbon dioxide by various sorbents. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012026.	0.3	0
21	Co-processing of Bituminous Coal with Heavy Hydrocarbon Fractions of Coal and Petroleum Origins into Pitch-Like Products. <i>Chemistry for Sustainable Development</i> , 2021, 29, 213-223.	0.0	0
22	Bi-reforming of methane: thermodynamic equilibrium analysis and selection of preferable reaction conditions. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012023.	0.3	9
23	Adsorption equilibrium and kinetics of CO ₂ on mesocellular foams modified HKUST-1: Experiment and simulation. <i>Journal of CO₂ Utilization</i> , 2021, 44, 101415.	3.3	18
24	Capillary microreactor with PdZn/(Ti, Ce)O ₂ coating for selective hydrogenation of 2-methyl-3-butyn-2-ol. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 159, 108240.	1.8	6
25	Effect of preparation method on the activity of bimetallic Ni-Co/Al ₂ O ₃ catalysts for dry reforming of methane. <i>Chemical Papers</i> , 2021, 75, 2765-2774.	1.0	16
26	Thermal Dissolution of Coals of the Metamorphism Series in the Anthracene Fraction of Coking Tar: An Analysis of Correlations with the Chemical and Technological Properties of Coals. <i>Solid Fuel Chemistry</i> , 2021, 55, 69-77.	0.2	1
27	Formation and decomposition of methane hydrate in pores of γ -Al ₂ O ₃ and δ -Al ₂ O ₃ : The dependence of water to hydrate transformation degree on pressure and temperature. <i>Journal of Molecular Liquids</i> , 2021, 328, 115486.	2.3	4
28	The ammonia storage and ammonia species reactivity within Cu-ZSM-5 with different copper electronic states. <i>Applied Catalysis A: General</i> , 2021, 615, 118054.	2.2	11
29	Morphology and Electrical Capacitance Characteristics of Nanostructured Mn _x O _y /MWCNT Composites. <i>Inorganic Materials</i> , 2021, 57, 487-497.	0.2	1
30	EFFECT OF STRUCTURE AND SURFACE STATE OF NITROGEN DOPED CARBON NANOTUBES ON THEIR FUNCTIONAL AND CATALYTIC PROPERTIES. <i>Journal of Structural Chemistry</i> , 2021, 62, 771-781.	0.3	4
31	Ignition of Coals by Laser Pulses in the Free-Running Mode. <i>Solid Fuel Chemistry</i> , 2021, 55, 194-199.	0.2	0
32	Pronounced therapeutic potential of oligonucleotides fixed on inorganic nanoparticles against highly pathogenic H5N1 influenza A virus in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 162, 92-98.	2.0	10
33	Ventilation-Associated Particulate Matter Is a Potential Reservoir of Multidrug-Resistant Organisms in Health Facilities. <i>Life</i> , 2021, 11, 639.	1.1	4
34	Effect of preparation modes on the properties of cobalt-containing honeycomb monolithic catalysts modified by rare-earth metal oxides. <i>Materials Today Communications</i> , 2021, 27, 102203.	0.9	2
35	Dependence of the Biological Activity of Brown Coal Humic Acids on the Concentrations of Macro and Trace Elements. <i>Solid Fuel Chemistry</i> , 2021, 55, 223-228.	0.2	1
36	A novel source of hospital microorganisms in healthcare settings. <i>Zhurnal Mikrobiologii i Immunobiologii</i> , 2021, 98, 266-275.	0.3	2

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37	Hydrogen Production through Autothermal Reforming of Ethanol: Enhancement of Ni Catalyst Performance via Promotion. <i>Energies</i> , 2021, 14, 5176.	1.6	14
38	Effect of Neodymium Laser Pulses of Nanosecond Duration on Brown Coal. <i>Journal of Applied Spectroscopy</i> , 2021, 88, 761-764.	0.3	5
39	Multiwalled Carbon Nanotubes: Matrix Nanostructured Composites as Electrode Materials for Supercapacitors. <i>Energy Technology</i> , 2021, 9, 2100449.	1.8	3
40	Direct Selective Oxidation of Hydrogen Sulfide: Laboratory, Pilot and Industrial Tests. <i>Catalysts</i> , 2021, 11, 1109.	1.6	11
41	Study of the structure and morphology of carbon sorbents. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012021.	0.3	0
42	Study of inertinite components by IR spectroscopy. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012005.	0.3	0
43	Methods and approaches to the determination of the carbon-containing dust concentrations in the atmospheric air during coal mining and processing. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012035.	0.3	0
44	Development of catalysts for the hydrogenation of levulinic acid to gamma-valerolactone in the framework of the problem of cellulose conversion into valuable chemicals. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012008.	0.3	0
45	Glow of a coal flame during exposure to microsecond laser pulses with different energy densities. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012017.	0.3	0
46	Modification of carbon sorbents by ozonation. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012006.	0.3	0
47	Study of the textural characteristics of carbon sorbents prepared by alkaline activation. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012024.	0.3	0
48	Study of coke by X-ray structural analysis and scanning electron microscopy. <i>Journal of Physics: Conference Series</i> , 2021, 1749, 012014.	0.3	4
49	Application of Catalytic Technologies for Power Plants Based on High-Temperature Fuel Cells. <i>Chemistry for Sustainable Development</i> , 2021, 29, 317-324.	0.0	0
50	Catalytic Processes for the Treatment of Mixed Organic Waste Containing Radionuclides. <i>Chemistry for Sustainable Development</i> , 2021, 29, 280-290.	0.0	1
51	Ultrasonication as a Method for Increasing the Yield of Bitumoids in the O-Alkylation of Brown Coal. <i>Solid Fuel Chemistry</i> , 2021, 55, 312-320.	0.2	4
52	Effective Inhibition of Newly Emerged A/H7N9 Virus with Oligonucleotides Targeted to Conserved Regions of the Virus Genome. <i>Nucleic Acid Therapeutics</i> , 2021, 31, 436-442.	2.0	0
53	Calcioprotein Particles Link Disturbed Mineral Homeostasis with Cardiovascular Disease by Causing Endothelial Dysfunction and Vascular Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12458.	1.8	7
54	Investigation of the Correlation between the Energy Threshold of Laser Ignition of Coals and the Degree of Their Aromaticity. <i>Chemistry for Sustainable Development</i> , 2021, 29, 576-581.	0.0	0

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55	Investigation of Sapropelite Coals by Means of NMR Spectroscopy. Chemistry for Sustainable Development, 2021, 29, 604-610.	0.0	0
56	Preparation of Bimetallic Oxide Catalysts on Carbon Supports: The Effect of the Support on the Stability of Catalysts to Thermal Decomposition. Chemistry for Sustainable Development, 2021, 29, 582-588.	0.0	0
57	Biological Activity of Humic Preparations Containing Macroand Microelements. Chemistry for Sustainable Development, 2021, 29, 517-524.	0.0	0
58	Study of the Granulometric and Morphological Composition of Coal Powders. Chemistry for Sustainable Development, 2021, 29, 525-535.	0.0	1
59	Investigation of the Effect of the Method of Extraction Treatment on the Yield and Composition of Brown-Coal Bitumen. Chemistry for Sustainable Development, 2021, 29, 621-628.	0.0	0
60	Synthesis and Investigation of New Hybrid Materials Based on Carbon Nanofibres and Solid Structured Carriers. Chemistry for Sustainable Development, 2021, 29, 611-620.	0.0	0
61	Constructing Co@N-doped graphene shell catalyst via Mott-Schottky effect for selective hydrogenation of 5-hydroxymethylfurfural. Applied Catalysis B: Environmental, 2020, 263, 118339.	10.8	70
62	Decomposition of carbon dioxide hydrate in the samples of natural coal with different degrees of metamorphism. Chinese Journal of Chemical Engineering, 2020, 28, 492-501.	1.7	3
63	Hydrogen production through autothermal reforming of CH ₄ : Efficiency and action mode of noble (M) Tj ETQq1 1 0.784314 rgBT /Over catalysts. International Journal of Hydrogen Energy, 2020, 45, 33352-33369.	3.8	25
64	Sorption of Metal Cations by Lignite and Humic Acids. Coke and Chemistry, 2020, 63, 142-148.	0.0	2
65	Biological Activity of Native and Modified Humic Acids. Solid Fuel Chemistry, 2020, 54, 191-195.	0.2	3
66	Determining the Vitrinite Reflectance of Coal from Its Fuel Ratio. Coke and Chemistry, 2020, 63, 219-222.	0.0	1
67	Effect of the Conditions of Solution Combustion Synthesis on the Properties of Monolithic Ptâ€“MnOx Catalysts for Deep Oxidation of Hydrocarbons. Kinetics and Catalysis, 2020, 61, 809-823.	0.3	3
68	Ignition of Different Metamorphic Grade Coals by Free-Running Laser Pulses. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 429-435.	0.2	14
69	X-Ray Structural Analysis of Vitrinites in Coal at Different Metamorphic Stages. Coke and Chemistry, 2020, 63, 57-62.	0.0	8
70	Laser Ignition and Flame Temperature for Low-Density Mixtures of Lignite Coal and Pentaerythritol Tetranitrate (Petn). Journal of Applied Spectroscopy, 2020, 87, 41-45.	0.3	1
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73	Effect of the O-Alkylation of Brown Coal with n-Butanol on the Yield and Composition of Bitumoids. <i>Solid Fuel Chemistry</i> , 2020, 54, 219-227.	0.2	4
74	Investigating Coal's Inertinite Components by IR and Raman Spectroscopy. <i>Coke and Chemistry</i> , 2020, 63, 405-410.	0.0	4
75	The Ignition Energy Characteristics and Glow Kinetics of the Flames of Dispersed Coal Particles of Different Ranks under the Action of Laser Pulses. <i>Chemistry for Sustainable Development</i> , 2020, , .	0.0	5
76	Study of Nanostructured TiO ₂ Rutile with Hierarchical 3D-Architecture. Effect of the Synthesis and Calcinations Temperature. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1303-1314.	0.9	1
77	Influence of the Density of PETN-Coal Composites on the Threshold Characteristics of Explosive Decomposition in Laser Initiation. <i>Combustion, Explosion and Shock Waves</i> , 2020, 56, 231-236.	0.3	1
78	The Development of Metal-Carbon Catalysts for Oxidative Desulfurization of Diesel Fractions. <i>Eurasian Chemico-Technological Journal</i> , 2020, 22, 81.	0.3	3
79	IR Spectroscopy of Sapropelic Coal. <i>Coke and Chemistry</i> , 2020, 63, 315-319.	0.0	0
80	Effect of Cobalt Oxide Content on the Activity of NiO-Co ₂ O ₃ /Al ₂ O ₃ Catalyst in the Reaction of Dry Reforming of Methane to Synthesis Gas. <i>Eurasian Chemico-Technological Journal</i> , 2020, 22, 187.	0.3	4
81	Glow Spectral Characteristics of the Hard Coal Particles Surface during the Action of Laser Pulses in the Free Generation Mode. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2020, 128, 2008-2014.	0.2	9
82	Preparation and Properties of Carbon Nanotubes with Deposited Bimetal Oxide Nanoparticles. <i>Chemistry for Sustainable Development</i> , 2020, , .	0.0	1
83	Development of Supported Ni Catalysts for Autothermal Reforming of Methane. <i>Chemistry for Sustainable Development</i> , 2020, , .	0.0	3
84	Investigation of the Dependence of Biological Activity on the Structural Parameters of Native and Modified Humic Acids from Brown Coal. <i>Chemistry for Sustainable Development</i> , 2020, , .	0.0	1
85	Investigation of the Laser Radiation Effects on Lignite with the Products Analysis by Mass Spectrometry. <i>Eurasian Chemico-Technological Journal</i> , 2020, 22, 3.	0.3	1
86	Comparative Analysis of Physicochemical Properties of Rutile TiO ₂ with Hierarchical 3D Architecture Prepared by Liquid Hydrolysis of TiCl ₄ and Hydrothermal Method. <i>Eurasian Chemico-Technological Journal</i> , 2020, 22, 165.	0.3	0
87	Oxidative Destruction of Raw-Benzene Components. <i>Coke and Chemistry</i> , 2020, 63, 438-442.	0.0	1
88	Pyrolysis of Lignite under the Laser Radiation Exposure. , 2020, , .		0
89	Spectral-kinetic Characteristics Glow of Fat Coal at Different Stages of Laser Ignition. , 2020, , .		0
90	Effect of Pd- precursor and support acid properties on the Pd electronic state and the hydrodesulfurization activity of Pd-zeolite catalysts. <i>Catalysis Today</i> , 2019, 323, 257-270.	2.2	19

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91	Hydrogen production through hydrocarbon fuel reforming processes over Ni based catalysts. <i>Catalysis Today</i> , 2019, 323, 166-182.	2.2	54
92	Beneficial role of the nitrogen-doped carbon nanotubes in the synthesis of the active palladium supported catalyst. <i>Diamond and Related Materials</i> , 2019, 98, 107484.	1.8	11
93	ESR Analysis of Industrial Needle-Coke Samples. <i>Coke and Chemistry</i> , 2019, 62, 89-94.	0.0	3
94	Ptâ€“Pd/MnOxâ€“Al ₂ O ₃ Oxidation Catalysts: Prospects of Application for Control of the Soot Emission with Diesel Exhaust Gases. <i>Kinetics and Catalysis</i> , 2019, 60, 453-464.	0.3	8
95	Optimal Parameters for the Production of Humic Acids from Brown Coals with Specific Structural-Group Composition. <i>Solid Fuel Chemistry</i> , 2019, 53, 253-261.	0.2	12
96	Formation and Properties of Niâ€“Ceâ€“Laâ€“O Catalysts of Reforming. <i>Kinetics and Catalysis</i> , 2019, 60, 496-507.	0.3	8
97	Structural Analysis of Needle Coke. <i>Coke and Chemistry</i> , 2019, 62, 135-142.	0.0	19
98	Structural Defects and the Demineralization of Kuznetsk Basin Coal: Data from Raman Spectroscopy. <i>Coke and Chemistry</i> , 2019, 62, 169-173.	0.0	8
99	Development, Synthesis, and Study of Nanomaterials of Titania Doped by Zirconium for Selective Hydrogenation of 2-Methyl-3-Butyn-2-ol in a Microcapillary Reactor. <i>Kinetics and Catalysis</i> , 2019, 60, 474-483.	0.3	5
100	Geochemistry and Catagenetic Transformations of Kerogen from the Bazhenov Horizon. <i>Geochemistry International</i> , 2019, 57, 621-634.	0.2	15
101	Structural-Group Composition and Biological Activity of Humic Acids Obtained from Brown Coals of Russia and Mongolia. <i>Solid Fuel Chemistry</i> , 2019, 53, 145-151.	0.2	12
102	Effect of Glycine Addition on Physicochemical and Catalytic Properties of Mn, Mnâ€“La and Mnâ€“Ce Monolithic Catalysts Prepared by Solution Combustion Synthesis. <i>Catalysis Letters</i> , 2019, 149, 2535-2551.	1.4	8
103	Effect of Preparation Methods on the Physicochemical and Functional Properties of Ni/CeO ₂ Catalysts. <i>Kinetics and Catalysis</i> , 2019, 60, 221-230.	0.3	17
104	Phase transformations in Cdâ€“Ni nanostructured system at elevated temperatures. <i>Russian Chemical Bulletin</i> , 2019, 68, 17-23.	0.4	2
105	Sorption of Cationic and Anionic Pollutants by Derivatives of Kuznetsk Basin Coal. <i>Coke and Chemistry</i> , 2019, 62, 365-370.	0.0	3
106	Ash Composition of Lignite. <i>Coke and Chemistry</i> , 2019, 62, 493-497.	0.0	1
107	Morphological, Structural, and Catalytic Properties of Pdâ€“CeO ₂ /Al ₂ O ₃ Compositions and Thereof Coatings in the Oxidation of Methane. <i>Catalysis in Industry</i> , 2019, 11, 323-334.	0.3	0
108	Physicochemical and Sorption Properties of Natural Coal Samples with Various Degrees of Metamorphism. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 1410-1421.	0.1	10

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109	Sorption of Organic Compounds by Carbon Sorbents from Kuzbass Coals. <i>Coke and Chemistry</i> , 2019, 62, 240-244.	0.0	8
110	Raman Characteristics of Kuznetsk Basin Coal and Coal-Based Sorbents. <i>Coke and Chemistry</i> , 2019, 62, 379-384.	0.0	8
111	Effects of preparation mode and doping on the genesis and properties of Ni/Ce _{1-x} MxO _y nanocrystallites (M = Gd, La, Mg) for catalytic applications. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	18
112	Control of the NO _x /NH ₃ SCR Behavior of Cu-ZSM-5 by Variation of the Electronic State of Copper. <i>Topics in Catalysis</i> , 2019, 62, 179-191.	1.3	9
113	Uranium oxide catalysts: environmental applications for treatment of chlorinated organic waste from nuclear industry. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1881-1889.	1.2	14
114	Study of the Biological Activity of Humine Substances for the Creation of Preparations against Desertification. <i>Chemistry for Sustainable Development</i> , 2019, , .	0.0	2
115	Ignition of Different Marks of Coal by Laser Pulses in the Free-Running Mod. <i>Chemistry for Sustainable Development</i> , 2019, , .	0.0	6
116	Coal-Tar Pitch Asphaltene Powders as a Precursor for the Production of Carbon Graphite Nanostructured Materials. <i>Chemistry for Sustainable Development</i> , 2019, , .	0.0	1
117	Investigation of the Effect of Grinding Parameters of Brown Coal on the Yield and Structural Group Composition of Humic Acids. <i>Chemistry for Sustainable Development</i> , 2019, , .	0.0	2
118	MORPHOLOGICAL AND CHEMICAL CHARACTERIZATION OF MAGNESIUM PHOSPHATE AND CALCIUM PHOSPHATE BIONS. <i>Siberian Medical Review</i> , 2019, 3, 34-42.	0.1	0
119	Particulate Matter in a Hospital Environment: as Potential Reservoir for Hospital Strains. <i>Epidemiologiya i Vaktsinoprofilaktika</i> , 2019, 18, 82-92.	0.2	3
120	Preparation of Carbon Nanotubes with Supported Metal Oxide Nanoparticles: Effect of Metal Precursor on Thermal Decomposition Behavior of the Materials. <i>Eurasian Chemico-Technological Journal</i> , 2019, 21, 303.	0.3	5
121	Effect of Acid Treatment on the Functionalization of Surface, Structural and Textural Properties of Carbon Nanotubes Taunit. <i>Eurasian Chemico-Technological Journal</i> , 2019, 21, 291.	0.3	8
122	Effect of γ-Al ₂ O ₃ addition on H ₂ S oxidation properties of pure and modified γ-Al ₂ O ₃ . <i>Chinese Journal of Catalysis</i> , 2018, 39, 258-274.	6.9	12
123	Hydrogen abstraction from methane on cristobalite supported W and Mn oxo complexes: A DFT study. <i>Molecular Catalysis</i> , 2018, 445, 307-315.	1.0	15
124	The formation of carbon dioxide hydrate from water sorbed by coals. <i>Fuel</i> , 2018, 228, 123-131.	3.4	30
125	A Thermogravimetric Analysis Study of the Kuzbass Coals of Different Ranks. <i>Solid Fuel Chemistry</i> , 2018, 52, 6-10.	0.2	3
126	Temperature Hysteresis in the Reaction of Methane Oxidation on a Palladium-Doped Manganese Hexaaluminate Catalyst. <i>Kinetics and Catalysis</i> , 2018, 59, 70-82.	0.3	2

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127	Influence of the nitrogen-doped carbon nanofibers on the catalytic properties of supported metal and oxide nanoparticles. <i>Catalysis Today</i> , 2018, 301, 125-133.	2.2	21
128	Semihydrogenation of 2-methyl-3-butyn-2-ol on Pd-Zn nanoalloys: Effect of composition and heterogenization. <i>Applied Catalysis A: General</i> , 2018, 549, 245-253.	2.2	30
129	Spectroscopic study of nitrogen distribution in N-doped carbon nanotubes and nanofibers synthesized by catalytic ethylene-ammonia decomposition. <i>Applied Surface Science</i> , 2018, 435, 1273-1284.	3.1	30
130	Structure of Carbon Sorbents Produced from Coal. <i>Coke and Chemistry</i> , 2018, 61, 463-468.	0.0	11
131	Laser ignition of coal-petn mixtures composition. <i>Journal of Physics: Conference Series</i> , 2018, 1115, 052018.	0.3	0
132	Gas-Hydrate Formation and Phase Transformations of Adsorbed Water in Kuznetsk Basin Coal. <i>Coke and Chemistry</i> , 2018, 61, 193-201.	0.0	0
133	Influence of the Demineralization of Naturally Oxidized Coal on Sorbent Texture. <i>Coke and Chemistry</i> , 2018, 61, 297-300.	0.0	4
134	Petrographic Analysis of >1.40-g/cm ³ Coal Fractions. <i>Coke and Chemistry</i> , 2018, 61, 365-370.	0.0	1
135	Influence of Chemical Modification on the Structure, Composition, and Properties of Lignite Humic Acids. <i>Coke and Chemistry</i> , 2018, 61, 396-400.	0.0	3
136	Yield and Composition of Semicoking Tars from Low-Quality Coal. <i>Coke and Chemistry</i> , 2018, 61, 338-343.	0.0	2
137	Non-agglomerated silicon-organic nanoparticles and their nanocomplexes with oligonucleotides: synthesis and properties. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2516-2525.	1.5	13
138	Sorption of Cobalt Cations by Humic Acids. <i>Coke and Chemistry</i> , 2018, 61, 266-269.	0.0	3
139	Spectral-Kinetic Characteristics of Laser Ignition of Pulverized Brown Coal. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2018, 125, 293-299.	0.2	16
140	Porous Structure of Semicoke Based on Slightly Metamorphosed Coal. <i>Coke and Chemistry</i> , 2018, 61, 131-135.	0.0	2
141	Coating the Internal Surface of a Capillary Microreactor for the Selective Hydrogenation of 2-Methyl-3-Butyn-2-ol by Pd _x Zn _{1-x} /TiO ₂ Catalysts: A Kinetic Study. <i>Kinetics and Catalysis</i> , 2018, 59, 450-458.	0.3	5
142	Formation of Active Structures in Monolith Copper-Manganese Oxide Catalysts for Air-Heating Devices. <i>Kinetics and Catalysis</i> , 2018, 59, 532-543.	0.3	5
143	Internal Surface Coating of a Capillary Microreactor for the Selective Hydrogenation of 2-Methyl-3-Butyn-2-Ol Using a PdZn/TiO ₂ Catalyst. The Effect of the Catalyst's Activation Conditions on Its Catalytic Properties. <i>Kinetics and Catalysis</i> , 2018, 59, 347-356.	0.3	10
144	Methods of the Synthesis of Silicon-Containing Nanoparticles Intended for Nucleic Acid Delivery. <i>Eurasian Chemico-Technological Journal</i> , 2018, 20, 177.	0.3	2

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145	Control of Ni/Ce _{1-x} MxO _y Catalyst Properties Via the Selection of Dopant M = Gd, La, Mg. Part 1. Physicochemical Characteristics. Eurasian Chemico-Technological Journal, 2018, , 283.	0.3	3
146	Control of Ni/Ce _{1-x} MxO _y Catalyst Properties Via the Selection of Dopant M = Gd, La, Mg. Part 2. Catalytic Activity. Eurasian Chemico-Technological Journal, 2018, , 293.	0.3	1
147	Processing of Lignites into Effective Sorbents for Solving Environmental Problems and Improving the Quality of Life. , 2018, , .		1
148	Research on Oxidation Kinetics of Carbon Black over PtPd/MnO _x -Al ₂ O ₃ Catalyst Surface. Chemistry for Sustainable Development, 2018, , .	0.0	1
149	Efficient inhibition of influenza A viral replication in cells by deoxyribozymes delivered by nanocomposites. International Journal of Antimicrobial Agents, 2017, 49, 703-708.	1.1	16
150	Effect of the nature of sulfur compounds on their reactivity in the oxidative desulfurization of hydrocarbon fuels with oxygen over a modified CuZnAlO catalyst. Kinetics and Catalysis, 2017, 58, 58-72.	0.3	11
151	Structural and morphological properties of Ce _{1-x} M _x O _y (M = Gd, La, Mg) supports for the catalysts of autothermal ethanol conversion. Journal of Structural Chemistry, 2017, 58, 126-134.	0.3	14
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