

Zulhair A Mansurov

List of Publications by Citations

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166
papers

877
citations

13
h-index

24
g-index

191
ext. papers

1,044
ext. citations

1.4
avg, IF

4.6
L-index

#	Paper	IF	Citations
166	Soot Formation in Combustion Processes (Review). <i>Combustion, Explosion and Shock Waves</i> , 2005 , 41, 727-744	1	127
165	Investigation of rice husk derived activated carbon for removal of nitrate contamination from water. <i>Science of the Total Environment</i> , 2018 , 630, 1237-1245	10.2	65
164	Study on the effectiveness of thermally treated rice husks for petroleum adsorption. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 2964-2969	3.9	54
163	Super adsorption capability of rhombic dodecahedral Ca-Al layered double oxides for Congo red removal. <i>Journal of Alloys and Compounds</i> , 2018 , 768, 572-581	5.7	38
162	Influence of precursor morphology on the microstructure of silicon carbide nanopowder produced by combustion syntheses. <i>Ceramics International</i> , 2010 , 36, 2297-2305	5.1	24
161	Combustion synthesis of silicon nanopowders. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2010 , 19, 94-101	0.7	22
160	Direct growth of carbon nanotubes on hydroxyapatite using MPECVD. <i>Materials Chemistry and Physics</i> , 2012 , 132, 119-124	4.4	18
159	Preparation of carbonized rice husk monoliths and modification of the porous structure by SiO ₂ leaching. <i>Catalysis Today</i> , 2009 , 147, S58-S65	5.3	18
158	Aligned composite SrTiO ₃ /PAN fibers as 1D photocatalyst obtained by electrospinning method. <i>Chemical Physics Letters</i> , 2019 , 737, 136821	2.5	17
157	Formation of graphene by the thermal annealing of a graphite layer on silicon substrate in vacuum. <i>Vacuum</i> , 2011 , 86, 232-234	3.7	17
156	Bio-waste-derived few-layered graphene/SrTiO ₃ /PAN as efficient photocatalytic system for water splitting. <i>Applied Surface Science</i> , 2021 , 549, 149176	6.7	17
155	Growth of carbon nanotubes on diatomite. <i>Vacuum</i> , 2009 , 84, 464-468	3.7	16
154	Microwave-enhanced chemical vapor deposition graphene nanoplatelets-derived 3D porous materials for oil/water separation. <i>Carbon Letters</i> , 2020 , 30, 81-92	2.3	16
153	Formation of soot from polycyclic aromatic hydrocarbons as well as fullerenes and carbon nanotubes in the combustion of hydrocarbon. <i>Journal of Engineering Physics and Thermophysics</i> , 2011 , 84, 125-159	0.6	12
152	Obtaining Three-Dimensional Nanosize Objects on a "3D Printer + Electrospinning" Machine. <i>Journal of Engineering Physics and Thermophysics</i> , 2017 , 90, 1115-1118	0.6	10
151	Sorptive Activity and Hydrophobic Behavior of Aerogels Based on Reduced Graphene Oxide and Carbon Nanotubes. <i>Journal of Engineering Physics and Thermophysics</i> , 2017 , 90, 826-830	0.6	10
150	Synthesis and Structure Determination of Carbonized Nano Mesoporous Materials Based on Vegetable Raw Materials. <i>Advanced Materials Research</i> , 2012 , 535-537, 1041-1045	0.5	10

149	Contamination of Soil by Crude Oil and Drilling Muds. Use of Wastes by Production of Road Construction Materials. <i>Chemistry and Technology of Fuels and Oils</i> , 2001 , 37, 441-443	0.4	10
148	Spongy Structures Coated with Carbon Nanomaterials for Efficient Oil/Water Separation. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 19, 127	0.8	10
147	Separation Efficiency of Water/Oil Mixtures by Hydrophilic and Oleophobic Membranes Based on Stainless Steel Meshes with Openings of Various Sizes. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 195	0.8	10
146	The Characteristics of Graphene Obtained from Rice Husk and Graphite. <i>Eurasian Chemico-Technological Journal</i> , 2019 , 21, 149	0.8	10
145	Flame synthesis of graphene layers at low pressure. <i>Russian Journal of Physical Chemistry B</i> , 2015 , 9, 743-747	1.4	9
144	Producing nanomaterials in combustion. <i>Combustion, Explosion and Shock Waves</i> , 2012 , 48, 561-569	1	9
143	New Nanocarbon High-Energy Materials. <i>Combustion, Explosion and Shock Waves</i> , 2019 , 55, 402-408	1	8
142	Investigation of Combustion and Thermal Analysis of Ammonium Nitrate with Carbonaceous Materials. <i>Combustion Science and Technology</i> , 2016 , 188, 2003-2011	1.5	8
141	Synthesis gas production on glass cloth catalysts modified by Ni and Co oxides. <i>Journal of Energy Chemistry</i> , 2013 , 22, 811-818	12	8
140	Nanocrystalline hydroxyapatite/si coating by mechanical alloying technique. <i>Bioinorganic Chemistry and Applications</i> , 2012 , 2012, 390104	4.2	8
139	Temperature Dependent Characteristics of Activated Carbons from Walnut Shells for Improved Supercapacitor Performance. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 99	0.8	8
138	Fabrication of 3D porous CoTiO ₃ photocatalysts for hydrogen evolution application: Preparation and properties study. <i>Materials Science in Semiconductor Processing</i> , 2021 , 121, 105360	4.3	8
137	The Catalytic Effect of CuO-Doped Activated Carbon on Thermal Decomposition and Combustion of AN/Mg/NC Composite. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 22941-22948	3.8	7
136	Soot and Nanomaterials Synthesis in the Flame. <i>Journal of Materials Science and Chemical Engineering</i> , 2014 , 02, 1-6	0.3	7
135	Oil Spill Cleanup from Sea Water by Porous Sorbents. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 17, 41	0.8	7
134	Experimental Investigations of Combustion: (95 WT.-%) HAN/Water Solution with High-SSA Activated Carbons. <i>Combustion Science and Technology</i> , 2019 , 191, 645-658	1.5	6
133	The effect of MWCNT addition on superconducting properties of MgB ₂ fabricated by high-pressure combustion synthesis. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2016 , 25, 97-101	0.7	6
132	Synthesis of graphene films in a flame. <i>Russian Journal of Physical Chemistry B</i> , 2014 , 8, 61-64	1.2	6

131	Applications of Activated Carbon Sorbents Based on Greek Walnut. <i>Applied Mechanics and Materials</i> , 2013 , 467, 49-51	0.3	6
130	Smart electroconductive textile by catalytic deposition of carbon nanotubes onto glass cloth. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2016 , 25, 173-176	0.7	5
129	Influence of Activated Carbon on the Thermal Decomposition of Hydroxylammonium Nitrate. <i>Combustion, Explosion and Shock Waves</i> , 2018 , 54, 316-324	1	5
128	Recent Achievements and Future Challenges in Nanoscience and Nanotechnology. <i>Eurasian Chemico-Technological Journal</i> , 2020 , 22, 241	0.8	5
127	SHS production of heat-shield materials from minerals and residual products: Influence of preliminary mechanochemical treatment and modifying agents. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2016 , 25, 166-172	0.7	5
126	Synthesis of Carbon Nanotubes on a Shungite Substrate and Their Use for Lithium-Sulfur Batteries. <i>Journal of Engineering Physics and Thermophysics</i> , 2018 , 91, 1295-1301	0.6	5
125	Synthesis of Porous Carbon Material and its Use for Growing Carbon Nanotubes. <i>Materials Science Forum</i> , 2017 , 886, 32-36	0.4	4
124	Processing of Oil Sludge with the Use of the Electrohydraulic Effect. <i>Journal of Engineering Physics and Thermophysics</i> , 2017 , 90, 1096-1101	0.6	4
123	Supercritical solvent extraction of oil sand bitumen 2017 ,		4
122	Influence of Superhydrophobic Properties on Deicing. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 1476-1481	0.6	4
121	Influence of the Type of Catalysts on the Formation of a Superhydrophobic Carbon Nanomaterial in Hydrocarbon Flames. <i>Journal of Engineering Physics and Thermophysics</i> , 2018 , 91, 774-783	0.6	4
120	Nanoporous carbon sorbent for molecular-sieve chromatography of lipoprotein complex. <i>Russian Journal of Physical Chemistry A</i> , 2012 , 86, 1004-1007	0.7	4
119	Mechanochemical Treatment, Features of the Structure and Properties, and Reactivity of SHS Systems Based on Natural Materials 3. Influence of Mechanochemical Treatment and Modification of Oxide Materials on the Technological Combustion. <i>Journal of Engineering Physics and Thermophysics</i> , 2014 , 87, 1094-1102	0.6	4
118	Effect of phase transformation on nonisothermal synthesis in mechanically activated heterogeneous systems. <i>Combustion, Explosion and Shock Waves</i> , 2009 , 45, 48-58	1	4
117	Preparation of highly aligned silicon oxide nanowires with stable intensive photoluminescence. <i>Physica B: Condensed Matter</i> , 2010 , 405, 1176-1180	2.8	4
116	Soot formation in low temperature methane combustion. <i>Combustion, Explosion and Shock Waves</i> , 1991 , 27, 37-40	1	4
115	Characterisation of Activated Carbons Obtained from Rice Husk. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 18, 299	0.8	4
114	Obtaining of Biologically Soluble Membranes Based on Polymeric Nanofibres and Hydroxyapatite of Calcium. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 119	0.8	4

113	High temperature transformation of tar-asphaltene components of oil sand bitumen. <i>Journal of the Serbian Chemical Society</i> , 2017 , 82, 1063-1073	0.9	4
112	Influence of Metal Oxide Particles on Bandgap of 1D Photocatalysts Based on SrTiO/PAN Fibers. <i>Nanomaterials</i> , 2020 , 10,	5.4	4
111	Thermocatalytic cracking of the natural bitumens of Kazakhstan. <i>Solid Fuel Chemistry</i> , 2016 , 50, 81-87	0.7	4
110	Solution-Combustion Synthesis and Characterization of Fe ₃ O ₄ Nanoparticles. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2018 , 27, 195-197	0.7	4
109	Synthesis of single-layer graphene in benzene-oxygen flame at low pressure. <i>Combustion Science and Technology</i> , 2018 , 190, 1923-1934	1.5	3
108	Obtaining Carbon materials from rubber crumb. <i>Procedia Computer Science</i> , 2019 , 158, 334-337	1.6	3
107	Synthesis of Microporous-Mesoporous Carbons from Rice Husk via H ₃ PO ₄ -Activation. <i>Advanced Materials Research</i> , 2012 , 602-604, 85-89	0.5	3
106	Flame synthesis of carbon nanomaterials: An overview. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2011 , 20, 266-268	0.7	3
105	X-RAY INVESTIGATION OF Ti-DOPED HYDROXYAPATITE COATING BY MECHANICAL ALLOYING. <i>Surface Review and Letters</i> , 2009 , 16, 781-786	1.1	3
104	Obtaining of Nanomaterials in Combustion Processes. <i>Advanced Materials Research</i> , 2012 , 486, 134-139	0.5	3
103	Synthesis and characterization of tin oxide nanoribbons and nanowires 2009 ,		3
102	Study of Production of Rubber-Bitumen Compounds. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 14, 133	0.8	3
101	Investigation of Nanohydrophobic Sand as an Insulating Layer for Cultivation of Plants in Soils Contaminated with Heavy Metals. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 19, 91	0.8	3
100	Changing the Structure of Resin-Asphaltenes Molecules in Cracking. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 19, 147	0.8	3
99	Self-Supporting Hybrid Supercapacitor Electrodes Based on Carbon Nanotube and Activated Carbons. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 169	0.8	3
98	Silica from Kazakhstan Rice Husk as an Anode Material for LIBs. <i>Eurasian Chemico-Technological Journal</i> , 2019 , 75	0.8	3
97	Investigation of Gold Electrosorption onto Gold and Carbon Electrodes using an Electrochemical Quartz Crystal Microbalance. <i>Eurasian Chemico-Technological Journal</i> , 2019 , 21, 283	0.8	3
96	Mesoporous Carbon-Based Rhodium Catalysts for Benzene Hydrogenation. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 14, 37	0.8	3

95	A Numerical Study of Fluid Flow in the Porous Structure of Biological Scaffolds. <i>Eurasian Chemico-Technological Journal</i> , 2020 , 22, 149	0.8	3
94	A Mini-Review on Recent Developments in Anti-Icing Methods. <i>Polymers</i> , 2021 , 13,	4.5	3
93	The investigation of electroreduction of AuCl ₄ ⁻ in the case of gold electrosorption using activated carbon. <i>Materials Today: Proceedings</i> , 2020 , 25, 33-38	1.4	3
92	Recycling of Low-Density Polyethylene Waste for Synthesis of Carbon Nanotubes. <i>Journal of Engineering Physics and Thermophysics</i> , 2021 , 94, 431-436	0.6	3
91	Methods of Reducing the Front Performance Flame at the Underground Mines Works. <i>Oriental Journal of Chemistry</i> , 2018 , 34, 3037-3043	0.8	3
90	Fullerites and "Growth Structures" of Nanoobjects. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 1034-1040	0.6	2
89	Aluminothermic combustion of chromium oxide based systems under high nitrogen pressure. <i>Combustion, Explosion and Shock Waves</i> , 2016 , 52, 184-192	1	2
88	Development and Use of a Modified Pulse Electrospinning Setup for Producing Short Fibers. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 265-271	0.6	2
87	Mechanochemical treatment, specific features of the structure and properties, and reactivity of SHS systems based on natural materials. 1. Mechanochemical synthesis of disperse nanostructured composite quartz-based systems. <i>Journal of Engineering Physics and Thermophysics</i> , 2013 , 86, 848-855	0.6	2
86	Highly Efficient Collectors of Solar Energy Using Nanocarbon Coatings Based on Vegetable Raw Materials. <i>Procedia Manufacturing</i> , 2017 , 12, 1-6	1.5	2
85	Creating of Anti-icing Coatings Based on Nanoscale Powders of Silicon Dioxide Obtained from Silicone Waste. <i>Procedia Manufacturing</i> , 2017 , 12, 22-27	1.5	2
84	The Evaluation of Process of Bioremediation of Oil-Polluted Soils by Different Strains of Pseudomonas. <i>Advanced Materials Research</i> , 2013 , 647, 363-367	0.5	2
83	Study of Natural Bitumen Extracted from Oil Sands. <i>Applied Mechanics and Materials</i> , 2013 , 467, 8-11	0.3	2
82	SHS Refractory Materials Burnon and their Practical Implementations in Kazakhstan and Russia. <i>Advances in Science and Technology</i> , 2010 , 63, 312-321	0.1	2
81	Mesoporous Nano Carbon Sorbents for Separating Different Biomolecules. <i>Advanced Materials Research</i> , 2012 , 535-537, 284-288	0.5	2
80	Creation Based on Superhydrophobic Soot Waterproofing Materials Obtained in Flames. <i>Advanced Materials Research</i> , 2012 , 535-537, 1437-1440	0.5	2
79	Increase of the Power of Solar Elements Based on Nanoparticles of Nickel Oxides Synthesized in Flame. <i>Advanced Materials Research</i> , 2012 , 486, 140-144	0.5	2
78	The paramagnetism of soot particles in propane-oxygen flames. <i>Combustion and Flame</i> , 1999 , 118, 741-743	3.3	2

77	Tracing of peroxy radicals in hexane cool flames. <i>Reaction Kinetics and Catalysis Letters</i> , 1988 , 37, 31-35		2
76	Low-temperature zone of the front of hydrocarbon flames. <i>Combustion, Explosion and Shock Waves</i> , 1975 , 11, 714-719	1	2
75	Preparation of microporous activated carbons based on carbonized apricot shells. <i>Chemical Bulletin of Kazakh National University</i> , 2014 , 103-113	0	2
74	Elongated Wire-Like Zinc Oxide Nanostructures Synthesized from Metallic Zinc. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 15, 19	0.8	2
73	Mechanochemical Synthesis of Nanocrystalline Hydroxyapatite Coating. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 12, 79	0.8	2
72	Activated Carbons from Co-Mingled Liquid. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 17, 47	0.8	2
71	Study of Sorption Capacity and Surface Morphology of Carbon Nanomaterials/Chitosan Based Aerogels. <i>Eurasian Chemico-Technological Journal</i> , 2016 , 18, 19	0.8	2
70	Complete Scheme for Fullerene, Graphene, and Soot Formation in Flame. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 277	0.8	2
69	Energetic Metal-Organic Frameworks: Thermal Behaviors and Combustion of Nickel Oxide (II) Based on Activated Carbon Compositions. <i>Journal of Engineering Physics and Thermophysics</i> , 2021 , 94, 804-811	0.6	2
68	Fabrication of Metallic Powders for Energy-Intensive Combustible Compositions by Mechanochemical Treatment: 1. Peculiarities of the Structure and State of Aluminum Powder Particles Formed by Mechanochemical Treatment. <i>Russian Journal of Non-Ferrous Metals</i> , 2018 , 59, 450-457	0.8	2
67	Compositional Fibers Based on Coal Tar Mesophase Pitch Obtained by Electrospinning Method. <i>Chemistry and Chemical Technology</i> , 2021 , 15, 403-407	0.9	2
66	The recent progress in pitch derived carbon fibers applications. A Review. <i>South African Journal of Chemical Engineering</i> , 2021 , 38, 9-20	3.2	2
65	Study of Composition and Properties of Oil Pollution 2008 , 3-12		2
64	Technology of Electric Melting of Basalt for Obtaining Mineral Fiber. <i>Journal of Engineering Physics and Thermophysics</i> , 2019 , 92, 263-270	0.6	1
63	Preparation of Coal Briquettes and Determination of Their Physical and Chemical Properties. <i>Oriental Journal of Chemistry</i> , 2019 , 35, 180-185	0.8	1
62	Synthesis of Multiwall Carbon Nanotubes by the Cvd Method and their Functionalization. <i>Journal of Engineering Physics and Thermophysics</i> , 2020 , 93, 91-94	0.6	1
61	Methane Explosion Mitigation in Coal Mines by Water Mist. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 95, 042029	0.3	1
60	Production of petroleum bitumen by oxidation of heavy oil residue with sulfur. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 323, 012004	0.4	1

59	Obtaining Superhydrophobic Sand on the Basis of Soot Synthesized During Combustion of Oil Waste. <i>Procedia Manufacturing</i> , 2017 , 12, 17-21	1.5	1
58	Comparative Investigation of the Efficiency of Absorption of Solar Energy by Carbon Composite Materials. <i>Journal of Engineering Physics and Thermophysics</i> , 2017 , 90, 117-125	0.6	1
57	Catalytic Hydrogenation of Oil Sand Natural Bitumen. <i>Applied Mechanics and Materials</i> , 2015 , 799-800, 77-81	0.3	1
56	Study of Graphene Formed in the Atmosphere of Vapors of Aromatic Hydrocarbons. <i>Russian Physics Journal</i> , 2015 , 58, 394-398	0.7	1
55	Scanning Electron Microscopic Studies of Carbonized Rice Husk and Apricot Stone. <i>Advanced Materials Research</i> , 2014 , 893, 478-481	0.5	1
54	The Study of Biodegradation of Diesel Fuels by Different Strains of Pseudomonas. <i>Applied Mechanics and Materials</i> , 2013 , 467, 12-15	0.3	1
53	Effect of Argon Pressure and Aluminum Content (in TiO ₂ -H ₃ BO ₃ -Al Mix) on Combustion and Formation of Chemical Composition in Combustion Products. <i>Advanced Materials Research</i> , 2013 , 746, 62-67	0.5	1
52	Ways of Using Rubber Crumb from Worn Tires. <i>Applied Mechanics and Materials</i> , 2013 , 446-447, 1512-1515	0.3	1
51	SHS-Composition Ceramics Obtained with Participation of Modified Wollastonite. <i>Advanced Materials Research</i> , 2013 , 699, 566-571	0.5	1
50	Extraction Fusicocin from Wheat Seeds Using Nanocarbon Sorbents. <i>Advanced Materials Research</i> , 2013 , 647, 67-70	0.5	1
49	Catalysts for processing light hydrocarbon raw stock: Combustion synthesis and characterization. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2011 , 20, 124-127	0.7	1
48	Influence of carbonic nanostructure formation on EPR line parameters during carbonization of wheat bran. <i>Applied Magnetic Resonance</i> , 2009 , 35, 231-238	0.8	1
47	The SHS Synthesis of Ceramic Based on Titanium Carbide and Silicon Carbide Composite Materials. <i>Key Engineering Materials</i> , 2011 , 484, 41-45	0.4	1
46	Detection of carbon nanostructures in carburized chromium-iron spinel. <i>Russian Physics Journal</i> , 2007 , 50, 87-92	0.7	1
45	Radical concentrations and temperature oscillations in cool flame oxidation of butane. <i>Reaction Kinetics and Catalysis Letters</i> , 1990 , 41, 265-270		1
44	The Role of Carbonized Layers for Fire Protection of Polymer Materials. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 63	0.8	1
43	Fabrication of Metal Powders for Energy-Intensive Combustible Compositions Using Mechanochemical Treatment: 2. Structure and Reactivity of Mechanically Activated Al-Modifier-BiO ₂ Mixtures. <i>Russian Journal of Non-Ferrous Metals</i> , 2019 , 60, 694-703	0.8	1
42	Development of Demulsifier Compositions for the Destruction of Emulsions and Dehydration of Heavy Oils. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 81	0.8	1

41	Nanoparticle Based Materials for Various Applications. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 18, 251	0.8	1
40	Experimental Determination of Electrochemical Sorption/Desorption Properties of Gold(III) Ions. <i>Russian Journal of Non-Ferrous Metals</i> , 2021 , 62, 257-264	0.8	1
39	Nanofibrous biologically soluble scaffolds as an effective drug delivery system. <i>Comptes Rendus Chimie</i> , 2021 , 24, 1-9	2.7	1
38	Activated Carbon/Pectin Composite Enterosorbent for Human Protection from Intoxication with Xenobiotics Pb(II) and Sodium Diclofenac.. <i>Molecules</i> , 2022 , 27,	4.8	1
37	A comprehensive review of template-assisted porous carbons: Modern preparation methods and advanced applications. <i>Materials Science and Engineering Reports</i> , 2022 , 149, 100682	30.9	1
36	Revisiting the carbon mesopore contribution towards improved performance of ionic liquidBased EDLCs at sub-zero temperatures. <i>Ionics</i> , 1	2.7	0
35	Combustion Study of Gas-Generating Compositions with Carbon Powder Additives. <i>Russian Journal of Physical Chemistry B</i> , 2020 , 14, 407-412	1.2	0
34	High-Efficiency Selective Solar Absorber from Nanostructured Carbonized Plant Raw Material. <i>Journal of Engineering Physics and Thermophysics</i> , 2020 , 93, 1020-1029	0.6	0
33	Energetic Compositions by Mechanochemical Treatment of Metal Powders: 3. Influence of Activated and Modified Aluminum Particles on Combustion of Thermite SiO ₂ /Al Mixtures. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2021 , 30, 165-169	0.7	0
32	Aging Process Effects on the Characteristics of Vacuum Residue Oxidation Products with the Addition of Crumb Rubber. <i>Molecules</i> , 2022 , 27, 3284	4.8	0
31	Influence of Nanodispersed Silica on the Physical and Mechanical Properties of Refractory Ceramics. <i>Materials Science Forum</i> , 2017 , 886, 19-23	0.4	
30	SHS in Kazakhstan 2017 , 301-303		
29	Influence of the Electric Field on the Ultrasonic Capillary Effect. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 334-338	0.6	
28	Mechanochemical Treatment, Structural Peculiarities, Properties, and Reactivity of SHS Systems Based on Natural Materials. 4. Production of SHS Ceramics Based on Mechanoactivated Materials. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 230-237	0.6	
27	Mechanochemical Treatment, Features of the Structure, Properties, and Reactivity of SHS Systems Based on Natural Materials. Part 2. Mechanochemical Synthesis of Finely Dispersed Nanostructured Wollastonite-Based Systems. <i>Journal of Engineering Physics and Thermophysics</i> , 2014 , 87, 691-698	0.6	
26	Synthesis of Nanopowders of Magnesium Diboride by Magnesium Thermic Reduction under the Conditions of High Pressure of Argon. <i>Key Engineering Materials</i> , 2017 , 733, 56-59	0.4	
25	Efficiency of Agricultural Wastes for the Removal of Gasoline from Water. <i>Applied Mechanics and Materials</i> , 2015 , 751, 82-85	0.3	
24	Carbonaceous Refractory Materials on SHS-Technology. <i>Advances in Science and Technology</i> , 2014 , 88, 94-103	0.1	

- 23 Carbon Nanomaterials: Surface Structure and Morphology. *Journal of Engineering Physics and Thermophysics*, **2014**, 87, 1241-1248 0.6
- 22 Extraction and Thermal Processing of Beke Oil Sands. *Advanced Materials Research*, **2014**, 1025-1026, 60-63 0.5
- 21 Combustion Synthesis of Nanomaterials. *Advanced Materials Research*, **2013**, 699, 138-143 0.5
- 20 Development and Antimicrobial Properties of a Composite Sorbent from Carbonized Rice Husk and Fugate of Sporogenous Bacteria. *Advanced Materials Research*, **2013**, 699, 678-681 0.5
- 19 Mechanochemical treatment of silicon dioxide as an effective tool for regulating the SHS of composites. *International Journal of Self-Propagating High-Temperature Synthesis*, **2011**, 20, 241-247 0.7
- 18 Aluminothermic SHS: The effect of silica sol added as a binder. *International Journal of Self-Propagating High-Temperature Synthesis*, **2011**, 20, 82-87 0.7
- 17 Peculiarities of Kinetics of New Fire Proof Fabrics Thermal Breakdown. *Advanced Materials Research*, **2011**, 332-334, 2079-2084 0.5
- 16 Hybrid, Nano-Structurized Materials of Special Purpose on the Basis of Silicon Dioxide. *Key Engineering Materials*, **2011**, 484, 230-240 0.4
- 15 SHS Synthesis of Ceramic Composite Materials on the Base of Zirconium Compounds. *Key Engineering Materials*, **2011**, 484, 241-245 0.4
- 14 Wound Healing Activity of Carbonized Rice Husk. *Advanced Materials Research*, **2012**, 602-604, 1196-1199 0.5
- 13 Research Nanostructured Carbon-Containing Catalysts on the Bnkeris Clay Base by Physico-Chemical Methods. *Advanced Materials Research*, **2012**, 535-537, 2186-2190 0.5
- 12 Application of SHS-Refractories during Limestone Furnace Refurbishment. *Advanced Materials Research*, **2012**, 602-604, 957-961 0.5
- 11 Effect of the Nanostructured Carbon Sorbent Ingo-2 and Cadmium Chloride on Limfodynamic and Composition of Lymph. *Advanced Materials Research*, **2012**, 602-604, 273-277 0.5
- 10 Self-propagating high-temperature synthesis of nitride-and carbide-containing composite materials based on mechanically activated quartz. *Glass Physics and Chemistry*, **2008**, 34, 497-500 0.7
- 9 Oxidation of hexane in oscillatory conditions. *Combustion, Explosion and Shock Waves*, **1991**, 27, 421-424 1
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