

Zulhair A Mansurov

List of Publications by Year in descending order

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191
papers

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516710

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192
docs citations

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times ranked

1239
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#	ARTICLE	IF	CITATIONS
1	Revisiting the carbon mesopore contribution towards improved performance of ionic liquid-based EDLCs at sub-zero temperatures. <i>Ionics</i> , 2022, 28, 893-901.	2.4	6
2	Activated Carbon/Pectin Composite Enterosorbent for Human Protection from Intoxication with Xenobiotics Pb(II) and Sodium Diclofenac. <i>Molecules</i> , 2022, 27, 2296.	3.8	9
3	Aging Process Effects on the Characteristics of Vacuum Residue Oxidation Products with the Addition of Crumb Rubber. <i>Molecules</i> , 2022, 27, 3284.	3.8	1
4	A comprehensive review of template-assisted porous carbons: Modern preparation methods and advanced applications. <i>Materials Science and Engineering Reports</i> , 2022, 149, 100682.	31.8	57
5	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.	4.0	19
6	Nanofibrous biologically soluble scaffolds as an effective drug delivery system. <i>Comptes Rendus Chimie</i> , 2021, 24, 1-9.	0.5	1
7	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	7
8	MECHANOCHEMICAL AND ULTRASONIC TREATMENT – A CONTROLLED METHOD FOR FORMING THE STRUCTURE AND PROPERTIES OF NANOCOMPOSITE GEL SYSTEMS. <i>Series Chemistry and Technology</i> , 2021, 2, 36-44.	0.1	0
9	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	4
10	A carbonized cobalt catalyst supported by acid-activated clay for the selective hydrogenation of acetylene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 277-292.	1.7	0
11	Experimental Determination of Electrochemical Sorption/Desorption Properties of Gold(III) Ions. <i>Russian Journal of Non-Ferrous Metals</i> , 2021, 62, 257-264.	0.6	2
12	Bio-waste-derived few-layered graphene/SrTiO ₃ /PAN as efficient photocatalytic system for water splitting. <i>Applied Surface Science</i> , 2021, 549, 149176.	6.1	37
13	OBTAINING OF COMPOSITE MATERIALS BY THERMAL SHOCK AND THEIR PROPERTIES. <i>HimiĚskij Āurnal Kazahstana</i> , 2021, 74, 111-120.	0.1	0
14	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.	0.5	1
15	Compositional Fibers Based on Coal Tar Mesophase Pitch Obtained by Electrospinning Method. <i>Chemistry and Chemical Technology</i> , 2021, 15, 403-407.	1.1	5
16	The recent progress in pitch derived carbon fibers applications. A Review. <i>South African Journal of Chemical Engineering</i> , 2021, 38, 9-20.	2.4	14
17	A Mini-Review on Recent Developments in Anti-Icing Methods. <i>Polymers</i> , 2021, 13, 4149.	4.5	16
18	Synthesis of Iron Oxide Powder by Recycling the Scrap Steel Waste to Produce Pigments. <i>Chemistry for Sustainable Development</i> , 2021, 29, 423-429.	0.1	0

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19	Microwave-enhanced chemical vapor deposition graphene nanoplatelets-derived 3D porous materials for oil/water separation. Carbon Letters, 2020, 30, 81-92.	5.9	33
20	The investigation of electroreduction of AuCl_4^- in the case of gold electrosorption using activated carbon. Materials Today: Proceedings, 2020, 25, 33-38.	1.8	8
21	Combustion Study of Gas-Generating Compositions with Carbon Powder Additives. Russian Journal of Physical Chemistry B, 2020, 14, 407-412.	1.3	3
22	High-Efficiency Selective Solar Absorber from Nanostructured Carbonized Plant Raw Material. Journal of Engineering Physics and Thermophysics, 2020, 93, 1020-1029.	0.6	3
23	Influence of Metal Oxide Particles on Bandgap of 1D Photocatalysts Based on SrTiO ₃ /PAN Fibers. Nanomaterials, 2020, 10, 1734.	4.1	11
24	Synthesis of Multiwall Carbon Nanotubes by the Cvd Method and their Functionalization. Journal of Engineering Physics and Thermophysics, 2020, 93, 91-94.	0.6	3
25	Recent Achievements and Future Challenges in Nanoscience and Nanotechnology. Eurasian Chemico-Technological Journal, 2020, 22, 241.	0.6	10
26	HYDROGENATION OF AROMATIC HYDROCARBONS ON MODIFIED METAL CATALYSTS SUPPORTED ON CARBON CARRIER. Series Chemistry and Technology, 2020, 3, 80-87.	0.1	0
27	Combustion/Decomposition Behavior of HAN Under the Effects of Nanoporous Activated Carbon. , 2020, , 211-230.		1
28	A Numerical Study of Fluid Flow in the Porous Structure of Biological Scaffolds. Eurasian Chemico-Technological Journal, 2020, 22, 149.	0.6	3
29	Comparative Analysis of Physicochemical Properties of Rutile TiO ₂ with Hierarchical 3D Architecture Prepared by Liquid Hydrolysis of TiCl ₄ and Hydrothermal Method. Eurasian Chemico-Technological Journal, 2020, 22, 165.	0.6	0
30	Aligned composite SrTiO ₃ /PAN fibers as 1D photocatalyst obtained by electrospinning method. Chemical Physics Letters, 2019, 737, 136821.	2.6	30
31	Obtaining Carbon materials from rubber crumb. Procedia Computer Science, 2019, 158, 334-337.	2.0	4
32	The Catalytic Effect of CuO-Doped Activated Carbon on Thermal Decomposition and Combustion of AN/Mg/NC Composite. Journal of Physical Chemistry C, 2019, 123, 22941-22948.	3.1	12
33	New Nanocarbon High-Energy Materials. Combustion, Explosion and Shock Waves, 2019, 55, 402-408.	0.8	10
34	Experimental Investigations of Combustion: (95 WT.-%) HANâ€“Water Solution with High-SSA Activated Carbons. Combustion Science and Technology, 2019, 191, 645-658.	2.3	8
35	Technology of Electric Melting of Basalt for Obtaining Mineral Fiber. Journal of Engineering Physics and Thermophysics, 2019, 92, 263-270.	0.6	2
36	Preparation of Coal Briquettes and Determination of Their Physical and Chemical Properties. Oriental Journal of Chemistry, 2019, 35, 180-185.	0.3	3

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37	Silica from Kazakhstan Rice Husk as an Anode Material for LIBs. Eurasian Chemico-Technological Journal, 2019, , 75.	0.6	7
38	The Characteristics of Graphene Obtained from Rice Husk and Graphite. Eurasian Chemico-Technological Journal, 2019, 21, 149.	0.6	18
39	Investigation of Gold Electrosorption onto Gold and Carbon Electrodes using an Electrochemical Quartz Crystal Microbalance. Eurasian Chemico-Technological Journal, 2019, 21, 283.	0.6	4
40	Fabrication of Metal Powders for Energy-Intensive Combustible Compositions Using Mechanochemical Treatment: 2. Structure and Reactivity of Mechanically Activated Alâ€“Modifierâ€“SiO ₂ Mixtures. Russian Journal of Non-Ferrous Metals, 2019, 60, 694-703.	0.6	2
41	PRODUCTION OF CARBON FIBERS BY ELECTROSPINNING METHOD. News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2019, 4, 86-94.	0.2	2
42	Modeling of the explosion of pyroxylin or combustion of the pyrotechnic composition. International Journal of Biology and Chemistry, 2019, 12, 105-111.	0.3	0
43	EFFECTS OF BIOCHAR ON THE POLLUTED HEAVY METALS LEACHED CHERNOZEM SOIL. IzvestiĀ NationalĒnoĀ Akademii Nauk Respubliki Kazahstan, 2019, 4, 5-10.	0.0	0
44	Review on the book Nuclear Doping of Semiconductor Materials. Modern Electronic Materials, 2019, 5, 187-188.	0.6	0
45	PROCESSING HOUSE HOLD POLYETHYLENE WASTE TO PRODUCE CARBON NANOTUBES. Series Chemistry and Technology, 2019, 6, 6-11.	0.1	0
46	Investigation of rice husk derived activated carbon for removal of nitrate contamination from water. Science of the Total Environment, 2018, 630, 1237-1245.	8.0	88
47	Wetting Power of Demulsifiers for High-Viscosity and Heavy Oils of Kazakhstan. Journal of Engineering Physics and Thermophysics, 2018, 91, 1047-1055.	0.6	0
48	Methods of Reducing the Front Performance Flame at the Underground Mines Works. Oriental Journal of Chemistry, 2018, 34, 3037-3043.	0.3	3
49	Thermal Explosion in Mechanochemically Treated Mixtures of Natural Sand with Aluminum Powder. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 216-220.	0.5	0
50	Synthesis of Carbon Nanotubes on a Shungite Substrate and Their Use for Lithiumâ€“Sulfur Batteries. Journal of Engineering Physics and Thermophysics, 2018, 91, 1295-1301.	0.6	7
51	Solution-Combustion Synthesis and Characterization of Fe ₃ O ₄ Nanoparticles. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 195-197.	0.5	7
52	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. Russian Journal of Non-Ferrous Metals, 2018, 59, 450-457.	0.6	3
53	Super adsorption capability of rhombic dodecahedral Ca-Al layered double oxides for Congo red removal. Journal of Alloys and Compounds, 2018, 768, 572-581.	5.5	52
54	Influence of the Type of Catalysts on the Formation of a Superhydrophobic Carbon Nanomaterial in Hydrocarbon Flames. Journal of Engineering Physics and Thermophysics, 2018, 91, 774-783.	0.6	5

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55	Production of petroleum bitumen by oxidation of heavy oil residue with sulfur. IOP Conference Series: Materials Science and Engineering, 2018, 323, 012004.	0.6	2
56	Influence of Activated Carbon on the Thermal Decomposition of Hydroxylammonium Nitrate. Combustion, Explosion and Shock Waves, 2018, 54, 316-324.	0.8	11
57	Synthesis of single-layer graphene in benzene's oxygen flame at low pressure. Combustion Science and Technology, 2018, 190, 1923-1934.	2.3	5
58	Obtaining of Biologically Soluble Membranes Based on Polymeric Nanofibres and Hydroxyapatite of Calcium. Eurasian Chemico-Technological Journal, 2018, 20, 119.	0.6	8
59	Temperature Dependent Characteristics of Activated Carbons from Walnut Shells for Improved Supercapacitor Performance. Eurasian Chemico-Technological Journal, 2018, 20, 99.	0.6	12
60	The Role of Carbonized Layers for Fire Protection of Polymer Materials. Eurasian Chemico-Technological Journal, 2018, 20, 63.	0.6	2
61	Self-Supporting Hybrid Supercapacitor Electrodes Based on Carbon Nanotube and Activated Carbons. Eurasian Chemico-Technological Journal, 2018, 20, 169.	0.6	3
62	Separation Efficiency of Water/Oil Mixtures by Hydrophilic and Oleophobic Membranes Based on Stainless Steel Meshes with Openings of Various Sizes. Eurasian Chemico-Technological Journal, 2018, 20, 195.	0.6	14
63	Thermogravimetric Study of Cracking Products of Natural Bitumens. Journal of the Mexican Chemical Society, 2018, 61, .	0.6	1
64	Development of Demulsifier Compositions for the Destruction of Emulsions and Dehydration of Heavy Oils. Eurasian Chemico-Technological Journal, 2018, 20, 81.	0.6	2
65	Complete Scheme for Fullerene, Graphene, and Soot Formation in Flame. Eurasian Chemico-Technological Journal, 2018, , 277.	0.6	3
66	Obtaining Three-Dimensional Nanosize Objects on a "3D Printer + Electrospinning" Machine. Journal of Engineering Physics and Thermophysics, 2017, 90, 1115-1118.	0.6	12
67	Processing of Oil Sludge with the Use of the Electrohydraulic Effect. Journal of Engineering Physics and Thermophysics, 2017, 90, 1096-1101.	0.6	5
68	Supercritical solvent extraction of oil sand bitumen. AIP Conference Proceedings, 2017, , .	0.4	6
69	Sorptive Activity and Hydrophobic Behavior of Aerogels Based on Reduced Graphene Oxide and Carbon Nanotubes. Journal of Engineering Physics and Thermophysics, 2017, 90, 826-830.	0.6	12
70	Highly Efficient Collectors of Solar Energy Using Nanocarbon Coatings Based on Vegetable Raw Materials. Procedia Manufacturing, 2017, 12, 1-6.	1.9	3
71	Obtaining Superhydrophobic Sand on the Basis of Soot Synthesized During Combustion of Oil Waste. Procedia Manufacturing, 2017, 12, 17-21.	1.9	1
72	Creating of Anti-icing Coatings Based on Nanoscale Powders of Silicon Dioxide Obtained from Silicone Waste. Procedia Manufacturing, 2017, 12, 22-27.	1.9	3

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73	Comparative Investigation of the Efficiency of Absorption of Solar Energy by Carbon Composite Materials. Journal of Engineering Physics and Thermophysics, 2017, 90, 117-125.	0.6	2
74	Methane Explosion Mitigation in Coal Mines by Water Mist. IOP Conference Series: Earth and Environmental Science, 2017, 95, 042029.	0.3	2
75	SHS in Kazakhstan. , 2017, , 301-303.		0
76	Spongy Structures Coated with Carbon Nanomaterials for Efficient Oil/Water Separation. Eurasian Chemico-Technological Journal, 2017, 19, 127.	0.6	11
77	Characterisation of Activated Carbons Obtained from Rice Husk. Eurasian Chemico-Technological Journal, 2017, 18, 299.	0.6	6
78	Investigation of Nanohydrophobic Sand as an Insulating Layer for Cultivation of Plants in Soils Contaminated with Heavy Metals. Eurasian Chemico-Technological Journal, 2017, 19, 91.	0.6	4
79	Changing the Structure of Resin-Asphaltenes Molecules in Cracking. Eurasian Chemico-Technological Journal, 2017, 19, 147.	0.6	5
80	High temperature transformation of tar-asphaltene components of oil sand bitumen. Journal of the Serbian Chemical Society, 2017, 82, 1063-1073.	0.8	6
81	Nanoparticle “ Based Materials for Various Applications. Eurasian Chemico-Technological Journal, 2017, 18, 251.	0.6	1
82	Combustion of Hydrogen Sulfide-Containing Oil on the Surface of the Water and Possible Applications of Combustion Method at Sea. Eurasian Chemico-Technological Journal, 2017, 19, 133.	0.6	0
83	Thermocatalytic cracking of the natural bitumens of Kazakhstan. Solid Fuel Chemistry, 2016, 50, 81-87.	0.7	5
84	SHS production of heat-shield materials from minerals and residual products: Influence of preliminary mechanochemical treatment and modifying agents. International Journal of Self-Propagating High-Temperature Synthesis, 2016, 25, 166-172.	0.5	6
85	Influence of Superhydrophobic Properties on Deicing. Journal of Engineering Physics and Thermophysics, 2016, 89, 1476-1481.	0.6	7
86	Investigation of Combustion and Thermal Analysis of Ammonium Nitrate with Carbonaceous Materials. Combustion Science and Technology, 2016, 188, 2003-2011.	2.3	11
87	The effect of MWCNT addition on superconducting properties of MgB ₂ fabricated by high-pressure combustion synthesis. International Journal of Self-Propagating High-Temperature Synthesis, 2016, 25, 97-101.	0.5	7
88	Smart electroconductive textile by catalytic deposition of carbon nanotubes onto glass cloth. International Journal of Self-Propagating High-Temperature Synthesis, 2016, 25, 173-176.	0.5	5
89	Fullerites and "Growth Structures" of Nanoobjects. Journal of Engineering Physics and Thermophysics, 2016, 89, 1034-1040.	0.6	4
90	Aluminothermic combustion of chromium oxide based systems under high nitrogen pressure. Combustion, Explosion and Shock Waves, 2016, 52, 184-192.	0.8	5

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91	Influence of the Electric Field on the Ultrasonic Capillary Effect. Journal of Engineering Physics and Thermophysics, 2016, 89, 334-338.	0.6	0
92	Development and Use of a Modified Pulse Electrospinning Setup for Producing Short Fibers. Journal of Engineering Physics and Thermophysics, 2016, 89, 265-271.	0.6	3
93	Mechanochemical Treatment, Structural Peculiarities, Properties, and Reactivity of SHS Systems Based on Natural Materials. 4. Production of SHS Ceramics Based on Mechanoactivated Materials. Journal of Engineering Physics and Thermophysics, 2016, 89, 230-237.	0.6	0
94	Study of Sorption Capacity and Surface Morphology of Carbon Nanomaterials/Chitosan Based Aerogels. Eurasian Chemico-Technological Journal, 2016, 18, 19.	0.6	2
95	Synthesis and study of physical-chemical properties of expanded graphite. International Journal of Biology and Chemistry, 2016, 9, 36-39.	0.3	0
96	Flame synthesis of graphene layers at low pressure. Russian Journal of Physical Chemistry B, 2015, 9, 743-747.	1.3	13
97	Study of Graphene Formed in the Atmosphere of Vapors of Aromatic Hydrocarbons. Russian Physics Journal, 2015, 58, 394-398.	0.4	2
98	Study of Production of Rubber-Bitumen Compounds. Eurasian Chemico-Technological Journal, 2015, 14, 133.	0.6	6
99	Elongated Wire-Like Zinc Oxide Nanostructures Synthesized from Metallic Zinc. Eurasian Chemico-Technological Journal, 2015, 15, 19.	0.6	2
100	Oil Spill Cleanup from Sea Water by Porous Sorbents. Eurasian Chemico-Technological Journal, 2015, 17, 41.	0.6	9
101	Mechanochemical Synthesis of Nanocrystalline Hydroxyapatite Coating. Eurasian Chemico-Technological Journal, 2015, 12, 79.	0.6	3
102	Activated Carbons from Co-Mingled Liquid. Eurasian Chemico-Technological Journal, 2015, 17, 47.	0.6	3
103	Carbon as an Effective Modifier of Silicon Dioxide and Reagent for Obtaining Nanostructured SHS-Composites. Eurasian Chemico-Technological Journal, 2015, 14, 31.	0.6	2
104	Mesoporous Carbon-Based Rhodium Catalysts for Benzene Hydrogenation. Eurasian Chemico-Technological Journal, 2015, 14, 37.	0.6	4
105	Mesoporous Composite Materials from Activated Rice Husk Carbon and Montmorillonite. Eurasian Chemico-Technological Journal, 2015, 13, 105.	0.6	4
106	Bio-composite Material on the Basis of Carbonized Rice Husk in Biomedicine and Environmental Applications. Eurasian Chemico-Technological Journal, 2015, 14, 115.	0.6	0
107	SHS - Processes in the Carbonaceous Oxide System at High Nitrogen Pressure Values. Eurasian Chemico-Technological Journal, 2015, 15, 31.	0.6	0
108	SH-Synthesis of Nanostructured Materials Based on SiO ₂ +Al+CaSiO ₃ with Wollastonite after Ultrasonic Treatment. Eurasian Chemico-Technological Journal, 2015, 16, 17.	0.6	1

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109	Structural Study and Upgrading of Kazakhstan Oil Sands. Eurasian Chemico-Technological Journal, 2015, 17, 173.	0.6	2
110	Synthesis of "Silica" Carbon Nanotubes-Composite and Investigation of its Properties. Eurasian Chemico-Technological Journal, 2015, 17, 95.	0.6	1
111	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. Journal of Engineering Physics and Thermophysics, 2014, 87, 1094-1102.	0.6	4
112	Carbon Nanomaterials: Surface Structure and Morphology. Journal of Engineering Physics and Thermophysics, 2014, 87, 1241-1248.	0.6	0
113	Scanning Electron Microscopic Studies of Carbonized Rice Husk and Apricot Stone. Advanced Materials Research, 2014, 893, 478-481.	0.3	1
114	Soot and Nanomaterials Synthesis in the Flame. Journal of Materials Science and Chemical Engineering, 2014, 02, 1-6.	0.4	8
115	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. Journal of Engineering Physics and Thermophysics, 2014, 87, 691-698.	0.6	0
116	Synthesis of graphene films in a flame. Russian Journal of Physical Chemistry B, 2014, 8, 61-64.	1.3	6
117	Preparation of microporous activated carbons based on carbonized apricot shells. Chemical Bulletin of Kazakh National University, 2014, , 103-113.	0.1	2
118	Light Trapping Enhancement in Gallium Arsenide Solar Cells. Journal of Nanoelectronics and Optoelectronics, 2014, 9, 511-514.	0.5	0
119	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. Journal of Engineering Physics and Thermophysics, 2013, 86, 848-855.	0.6	2
120	Synthesis gas production on glass cloth catalysts modified by Ni and Co oxides. Journal of Energy Chemistry, 2013, 22, 811-818.	12.9	11
121	Effect of Argon Pressure and Aluminum Content (in) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (TiO ₂ -H ₂ O) Composition in Combustion Products. Advanced Materials Research, 2013, 746, 62-67.	0.3	2
122	AES Studies of Heteroepitaxial SiC Films Deposited on Si and on Sapphire Substrates by MOCVD. Eurasian Chemico-Technological Journal, 2013, 15, 259.	0.6	0
123	Nanocrystalline Hydroxyapatite/Si Coating by Mechanical Alloying Technique. Bioinorganic Chemistry and Applications, 2012, 2012, 1-14.	4.1	8
124	Research Nanostructured Carbon-Containing Catalysts on the Nonkeris Clay Base by Physico-Chemical Methods. Advanced Materials Research, 2012, 535-537, 2186-2190.	0.3	0
125	Increase of the Power of Solar Elements Based on Nanoparticles of Nickel Oxides Synthesized in Flame. Advanced Materials Research, 2012, 486, 140-144.	0.3	2
126	Producing nanomaterials in combustion. Combustion, Explosion and Shock Waves, 2012, 48, 561-569.	0.8	12

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127	Study on the effectiveness of thermally treated rice husks for petroleum adsorption. Journal of Non-Crystalline Solids, 2012, 358, 2964-2969.	3.1	65
128	Direct growth of carbon nanotubes on hydroxyapatite using MPECVD. Materials Chemistry and Physics, 2012, 132, 119-124.	4.0	21
129	Nanoporous carbon sorbent for molecular-sieve chromatography of lipoprotein complex. Russian Journal of Physical Chemistry A, 2012, 86, 1004-1007.	0.6	7
130	The Synthesis of Nanocomposites with Use of Cellulose. Eurasian Chemico-Technological Journal, 2012, 14, 327.	0.6	0
131	Peculiarities of Kinetics of New Fire Proof Fabrics Thermal Breakdown. Advanced Materials Research, 2011, 332-334, 2079-2084.	0.3	1
132	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.	0.5	0
133	Formation of graphene by the thermal annealing of a graphite layer on silicon substrate in vacuum. Vacuum, 2011, 86, 232-234.	3.5	17
134	Flame synthesis of carbon nanomaterials: An overview. International Journal of Self-Propagating High-Temperature Synthesis, 2011, 20, 266-268.	0.5	4
135	Catalysts for processing light hydrocarbon raw stock: Combustion synthesis and characterization. International Journal of Self-Propagating High-Temperature Synthesis, 2011, 20, 124-127.	0.5	1
136	Aluminothermic SHS: The effect of silica sol added as a binder. International Journal of Self-Propagating High-Temperature Synthesis, 2011, 20, 82-87.	0.5	1
137	Formation of soot from polycyclic aromatic hydrocarbons as well as fullerenes and carbon nanotubes in the combustion of hydrocarbon. Journal of Engineering Physics and Thermophysics, 2011, 84, 125-159.	0.6	16
138	The SHS Synthesis of Ceramic Based on Titanium Carbide and Silicon Carbide Composite Materials. Key Engineering Materials, 2011, 484, 41-45.	0.4	1
139	Mechanochemical Activation and Reaction Capacity of SHS-Systems on the Base of Quartz. Eurasian Chemico-Technological Journal, 2011, 13, 125.	0.6	1
140	Combination of the Sol-Gel and SHS-Technologies for Obtaining the Carbonaceous Refractories. Eurasian Chemico-Technological Journal, 2011, 13, 175.	0.6	0
141	Self-Propagating High Temperature Synthesis of Composition Materials using Mineral Raw Materials. Eurasian Chemico-Technological Journal, 2011, 13, 169.	0.6	1
142	Combustion synthesis of silicon nanopowders. International Journal of Self-Propagating High-Temperature Synthesis, 2010, 19, 94-101.	0.5	24
143	Preparation of highly aligned silicon oxide nanowires with stable intensive photoluminescence. Physica B: Condensed Matter, 2010, 405, 1176-1180.	2.7	5
144	Influence of precursor morphology on the microstructure of silicon carbide nanopowder produced by combustion syntheses. Ceramics International, 2010, 36, 2297-2305.	4.8	27

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145	Preparation of carbon nanotubes with different morphology by microwave plasma enhanced chemical vapour deposition. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, NA-NA.	0.8	2
146	SHS Refractory Materials and their Practical Implementations in Kazakhstan and Russia. <i>Advances in Science and Technology</i> , 2010, 63, 312-321.	0.2	2
147	Influence of carbonic nanostructure formation on EPR line parameters during carbonization of wheat bran. <i>Applied Magnetic Resonance</i> , 2009, 35, 231-238.	1.2	1
148	Effect of phase transformation on nonisothermal synthesis in mechanically activated heterogeneous systems. <i>Combustion, Explosion and Shock Waves</i> , 2009, 45, 48-58.	0.8	5
149	Growth of carbon nanotubes on diatomite. <i>Vacuum</i> , 2009, 84, 464-468.	3.5	21
150	Preparation of carbonized rice husk monoliths and modification of the porous structure by SiO ₂ leaching. <i>Catalysis Today</i> , 2009, 147, S58-S65.	4.4	22
151	X-RAY INVESTIGATION OF TI-DOPED HYDROXYAPATITE COATING BY MECHANICAL ALLOYING. <i>Surface Review and Letters</i> , 2009, 16, 781-786.	1.1	6
152	Synthesis and characterization of tin oxide nanoribbons and nanowires. , 2009, , .		3
153	Self-propagating high-temperature synthesis of nitride-and carbide-containing composite materials based on mechanically activated quartz. <i>Glass Physics and Chemistry</i> , 2008, 34, 497-500.	0.7	0
154	Study of Composition and Properties of Oil Pollution. , 2008, , 3-12.		2
155	Detection of carbon nanostructures in carburized chromium-iron spinel. <i>Russian Physics Journal</i> , 2007, 50, 87-92.	0.4	1
156	Soot Formation in Combustion Processes (Review). <i>Combustion, Explosion and Shock Waves</i> , 2005, 41, 727-744.	0.8	155
157	Nanocomposite Magnetic Powder Materials using Mechano-chemical Synthesis. <i>Transactions on Electrical and Electronic Materials</i> , 2004, 5, 29-33.	1.9	1
158	Title is missing!. <i>Chemistry and Technology of Fuels and Oils</i> , 2001, 37, 441-443.	0.5	11
159	The paramagnetism of soot particles in propane-oxygen flames. <i>Combustion and Flame</i> , 1999, 118, 741-743.	5.2	2
160	Soot formation in low temperature methane combustion. <i>Combustion, Explosion and Shock Waves</i> , 1991, 27, 37-40.	0.8	6
161	Oxidation of hexane in oscillatory conditions. <i>Combustion, Explosion and Shock Waves</i> , 1991, 27, 421-424.	0.8	0
162	Radical concentrations and temperature oscillations in cool flame oxidation of butane. <i>Reaction Kinetics and Catalysis Letters</i> , 1990, 41, 265-270.	0.6	1

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163	Tracing of peroxy radicals in hexane cool flames. Reaction Kinetics and Catalysis Letters, 1988, 37, 31-35.	0.6	2
164	Low-temperature zone of the front of hydrocarbon flames. Combustion, Explosion and Shock Waves, 1975, 11, 714-719.	0.8	3
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