

Zulhair A Mansurov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
165	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
164	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
163	A Mini-Review on Recent Developments in Anti-Icing Methods. <i>Polymers</i> , 2021 , 13,	4.5	3
162	Synthesis of Iron Oxide Powder by Recycling the Scrap Steel Waste to Produce Pigments. <i>Chemistry for Sustainable Development</i> , 2021 , 29, 423-429	1	
161	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
160	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
159	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	1.6	
158	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
157	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
156	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
155	Nanofibrous biologically soluble scaffolds as an effective drug delivery system. <i>Comptes Rendus Chimie</i> , 2021 , 24, 1-9	2.7	1
154	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
153	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
152	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
151	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
150	Recent Achievements and Future Challenges in Nanoscience and Nanotechnology. <i>Eurasian Chemico-Technological Journal</i> , 2020 , 22, 241	0.8	5

149	Combustion/Decomposition Behavior of HAN Under the Effects of Nanoporous Activated Carbon 2020 , 211-230		
148	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
147	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	0.8	
146	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
145	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
144	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
143	Influence of Metal Oxide Particles on Bandgap of 1D Photocatalysts Based on SrTiO/PAN Fibers. <i>Nanomaterials</i> , 2020 , 10,	5.4	4
142	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
141	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
140	New Nanocarbon High-Energy Materials. <i>Combustion, Explosion and Shock Waves</i> , 2019 , 55, 402-408	1	8
139	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
138	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
137	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
136	Aligned composite SrTiO ₃ /PAN fibers as 1D photocatalyst obtained by electrospinning method. <i>Chemical Physics Letters</i> , 2019 , 737, 136821	2.5	17
135	Obtaining Carbon materials from rubber crumb. <i>Procedia Computer Science</i> , 2019 , 158, 334-337	1.6	3
134	Silica from Kazakhstan Rice Husk as an Anode Material for LIBs. <i>Eurasian Chemico-Technological Journal</i> , 2019 , 75	0.8	3
133	The Characteristics of Graphene Obtained from Rice Husk and Graphite. <i>Eurasian Chemico-Technological Journal</i> , 2019 , 21, 149	0.8	10
132	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

131	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
130	Review on the book Nuclear Doping of Semiconductor Materials. <i>Modern Electronic Materials</i> , 2019 , 5, 187-188	0.3	
129	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
128	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
127	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
126	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
125	Influence of Activated Carbon on the Thermal Decomposition of Hydroxylammonium Nitrate. <i>Combustion, Explosion and Shock Waves</i> , 2018 , 54, 316-324	1	5
124	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
123	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
122	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
121	The Role of Carbonized Layers for Fire Protection of Polymer Materials. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 63	0.8	1
120	Self-Supporting Hybrid Supercapacitor Electrodes Based on Carbon Nanotube and Activated Carbons. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 20, 169	0.8	3
119	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
118	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
117	Complete Scheme for Fullerene, Graphene, and Soot Formation in Flame. <i>Eurasian Chemico-Technological Journal</i> , 2018 , 277	0.8	2
116	Wetting Power of Demulsifiers for High-Viscosity and Heavy Oils of Kazakhstan. <i>Journal of Engineering Physics and Thermophysics</i> , 2018 , 91, 1047-1055	0.6	
115	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
114	Thermal Explosion in Mechanochemically Treated Mixtures of Natural Sand with Aluminum Powder. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2018 , 27, 216-220	0.7	

113	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
112	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
111	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
110	Influence of Nanodispersed Silica on the Physical and Mechanical Properties of Refractory Ceramics. <i>Materials Science Forum</i> , 2017 , 886, 19-23	0.4	
109	Synthesis of Porous Carbon Material and its Use for Growing Carbon Nanotubes. <i>Materials Science Forum</i> , 2017 , 886, 32-36	0.4	4
108	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
107	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
106	Supercritical solvent extraction of oil sand bitumen 2017 ,		4
105	Methane Explosion Mitigation in Coal Mines by Water Mist. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 95, 042029	0.3	1
104	SHS in Kazakhstan 2017 , 301-303		
103	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
102	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	
101	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
100	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
99	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
98	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
97	Spongy Structures Coated with Carbon Nanomaterials for Efficient Oil/Water Separation. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 19, 127	0.8	10
96	Characterisation of Activated Carbons Obtained from Rice Husk. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 18, 299	0.8	4

95	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
94	Changing the Structure of Resin-Asphaltenes Molecules in Cracking. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 19, 147	0.8	3
93	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
92	Nanoparticle Based Materials for Various Applications. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 18, 251	0.8	1
91	Combustion of Hydrogen Sulfide-Containing Oil on the Surface of the Water and Possible Applications of Combustion Method at Sea. <i>Eurasian Chemico-Technological Journal</i> , 2017 , 19, 133	0.8	
90	Influence of Superhydrophobic Properties on Deicing. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 1476-1481	0.6	4
89	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
88	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
87	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
86	Fullerites and "Growth Structures" of Nanoobjects. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 1034-1040	0.6	2
85	Aluminothermic combustion of chromium oxide based systems under high nitrogen pressure. <i>Combustion, Explosion and Shock Waves</i> , 2016 , 52, 184-192	1	2
84	Influence of the Electric Field on the Ultrasonic Capillary Effect. <i>Journal of Engineering Physics and Thermophysics</i> , 2016 , 89, 334-338	0.6	
83	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
82	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	
81	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
80	Thermocatalytic cracking of the natural bitumens of Kazakhstan. <i>Solid Fuel Chemistry</i> , 2016 , 50, 81-87	0.7	4
79	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
78	Catalytic Hydrogenation of Oil Sand Natural Bitumen. <i>Applied Mechanics and Materials</i> , 2015 , 799-800, 77-81	0.3	1

77	Efficiency of Agricultural Wastes for the Removal of Gasoline from Water. <i>Applied Mechanics and Materials</i> , 2015 , 751, 82-85	0.3	
76	Flame synthesis of graphene layers at low pressure. <i>Russian Journal of Physical Chemistry B</i> , 2015 , 9, 743-747	0.7	9
75	Study of Graphene Formed in the Atmosphere of Vapors of Aromatic Hydrocarbons. <i>Russian Physics Journal</i> , 2015 , 58, 394-398	0.7	1
74	Study of Production of Rubber-Bitumen Compounds. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 14, 133	0.8	3
73	Elongated Wire-Like Zinc Oxide Nanostructures Synthesized from Metallic Zinc. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 15, 19	0.8	2
72	Oil Spill Cleanup from Sea Water by Porous Sorbents. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 17, 41	0.8	7
71	Mechanochemical Synthesis of Nanocrystalline Hydroxyapatite Coating. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 12, 79	0.8	2
70	Activated Carbons from Co-Mingled Liquid. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 17, 47	0.8	2
69	Mesoporous Carbon-Based Rhodium Catalysts for Benzene Hydrogenation. <i>Eurasian Chemico-Technological Journal</i> , 2015 , 14, 37	0.8	3
68	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	
67	Synthesis of graphene films in a flame. <i>Russian Journal of Physical Chemistry B</i> , 2014 , 8, 61-64	1.2	6
66	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, 1001-1100	0.6	4
65	Carbonaceous Refractory Materials on SHS-Technology. <i>Advances in Science and Technology</i> , 2014 , 88, 94-103	0.1	
64	Carbon Nanomaterials: Surface Structure and Morphology. <i>Journal of Engineering Physics and Thermophysics</i> , 2014 , 87, 1241-1248	0.6	
63	Scanning Electron Microscopic Studies of Carbonized Rice Husk and Apricot Stone. <i>Advanced Materials Research</i> , 2014 , 893, 478-481	0.5	1
62	Extraction and Thermal Processing of Beke Oil Sands. <i>Advanced Materials Research</i> , 2014 , 1025-1026, 60-63	0.5	
61	Soot and Nanomaterials Synthesis in the Flame. <i>Journal of Materials Science and Chemical Engineering</i> , 2014 , 02, 1-6	0.3	7
60	Preparation of microporous activated carbons based on carbonized apricot shells. <i>Chemical Bulletin of Kazakh National University</i> , 2014 , 103-113	0	2

59	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
58	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
57	Combustion Synthesis of Nanomaterials. <i>Advanced Materials Research</i> , 2013 , 699, 138-143	0.5	
56	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
55	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
54	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
53	Ways of Using Rubber Crumb from Worn Tires. <i>Applied Mechanics and Materials</i> , 2013 , 446-447, 1512-1515	0.5	1
52	Applications of Activated Carbon Sorbents Based on Greek Walnut. <i>Applied Mechanics and Materials</i> , 2013 , 467, 49-51	0.3	6
51	SHS-Composition Ceramics Obtained with Participation of Modified Wollastonite. <i>Advanced Materials Research</i> , 2013 , 699, 566-571	0.5	1
50	Development and Antimicrobial Properties of a Composite Sorbent from Carbonized Rice Husk and Fugate of Sporogenous Bacteria. <i>Advanced Materials Research</i> , 2013 , 699, 678-681	0.5	
49	Study of Natural Bitumen Extracted from Oil Sands. <i>Applied Mechanics and Materials</i> , 2013 , 467, 8-11	0.3	2
48	Extraction Fusicochin from Wheat Seeds Using Nanocarbon Sorbents. <i>Advanced Materials Research</i> , 2013 , 647, 67-70	0.5	1
47	Direct growth of carbon nanotubes on hydroxyapatite using MPECVD. <i>Materials Chemistry and Physics</i> , 2012 , 132, 119-124	4.4	18
46	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
45	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
44	Producing nanomaterials in combustion. <i>Combustion, Explosion and Shock Waves</i> , 2012 , 48, 561-569	1	9
43	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
42	Wound Healing Activity of Carbonized Rice Husk. <i>Advanced Materials Research</i> , 2012 , 602-604, 1196-1199	0.5	

41	Nanocrystalline hydroxyapatite/si coating by mechanical alloying technique. <i>Bioinorganic Chemistry and Applications</i> , 2012 , 2012, 390104	4.2	8
40	Research Nanostructured Carbon-Containing Catalysts on the Bunkeris Clay Base by Physico-Chemical Methods. <i>Advanced Materials Research</i> , 2012 , 535-537, 2186-2190	0.5	
39	Mesoporous Nano Carbon Sorbents for Separating Different Biomolecules. <i>Advanced Materials Research</i> , 2012 , 535-537, 284-288	0.5	2
38	Creation Based on Superhydrophobic Soot Waterproofing Materials Obtained in Flames. <i>Advanced Materials Research</i> , 2012 , 535-537, 1437-1440	0.5	2
37	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
36	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
35	Application of SHS-Refractories during Limestone Furnace Refurbishment. <i>Advanced Materials Research</i> , 2012 , 602-604, 957-961	0.5	
34	Effect of the Nanostructured Carbon Sorbent "Ingo-2" and Cadmium Chloride on Limfodynamic and Composition of Lymph. <i>Advanced Materials Research</i> , 2012 , 602-604, 273-277	0.5	
33	Obtaining of Nanomaterials in Combustion Processes. <i>Advanced Materials Research</i> , 2012 , 486, 134-139	0.5	3
32	Mechanochemical treatment of silicon dioxide as an effective tool for regulating the SHS of composites. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2011 , 20, 241-247	0.7	
31	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
30	Flame synthesis of carbon nanomaterials: An overview. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2011 , 20, 266-268	0.7	3
29	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
28	Aluminothermic SHS: The effect of silica sol added as a binder. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2011 , 20, 82-87	0.7	
27	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
26	Peculiarities of Kinetics of New Fire Proof Fabrics Thermal Breakdown. <i>Advanced Materials Research</i> , 2011 , 332-334, 2079-2084	0.5	
25	Hybrid, Nano-Structurized Materials of Special Purpose on the Basis of Silicon Dioxide. <i>Key Engineering Materials</i> , 2011 , 484, 230-240	0.4	
24	The SH Synthesis of Ceramic Based on Titanium Carbide and Silicon Carbide Composite Materials. <i>Key Engineering Materials</i> , 2011 , 484, 41-45	0.4	1

23	SHS Synthesis of Ceramic Composite Materials on the Base of Zirconium Compounds. <i>Key Engineering Materials</i> , 2011 , 484, 241-245	0.4	
22	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
21	Combustion synthesis of silicon nanopowders. <i>International Journal of Self-Propagating High-Temperature Synthesis</i> , 2010 , 19, 94-101	0.7	22
20	Preparation of highly aligned silicon oxide nanowires with stable intensive photoluminescence. <i>Physica B: Condensed Matter</i> , 2010 , 405, 1176-1180	2.8	4
19	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
18	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
17	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
16	Growth of carbon nanotubes on diatomite. <i>Vacuum</i> , 2009 , 84, 464-468	3.7	16
15	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
14	X-RAY INVESTIGATION OF TI-DOPED HYDROXYAPATITE COATING BY MECHANICAL ALLOYING. <i>Surface Review and Letters</i> , 2009 , 16, 781-786	1.1	3
13	Synthesis and characterization of tin oxide nanoribbons and nanowires 2009 ,		3
12	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	
11	Study of Composition and Properties of Oil Pollution 2008 , 3-12		2
10	Detection of carbon nanostructures in carburized chromium-iron spinel. <i>Russian Physics Journal</i> , 2007 , 50, 87-92	0.7	1
9	Soot Formation in Combustion Processes (Review). <i>Combustion, Explosion and Shock Waves</i> , 2005 , 41, 727-744	1	127
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