Maxim Tsvetkov

List of Publications by Year in Descending Order

25 papers	80 citations	5 h-index	7 g-index
26 ext. papers	96 ext. citations	1.2 avg, IF	2.6 L-index

#	Paper	IF	Citations
25	Energy Production and Recovery of Rare Metals from Ash Residue During Coal Filtration Combustion. *Russian Journal of Physical Chemistry B*, **2022**, 16, 268-277	1.2	
24	Energy Efficiency of the Gasification of a Dense Layer of Solid Fuels in the Filter Combustion Mode. *Russian Journal of Physical Chemistry B*, **2021**, 15, 819-826	1.2	
23	Ignition and Combustion of Peat of Different Permeabilities with Natural Air Convection. *Russian Journal of Physical Chemistry B*, **2021**, 15, 630-636	1.2	
22	Neutralization of Sulfur Compounds during the Filter Combustion of Brown Coals with Mineral Additives. *Russian Journal of Physical Chemistry B*, **2021**, 15, 645-651	1.2	0
21	Fusibility of Agricultural Plant Waste Ash under the Conditions of High-Temperature Processing. *Russian Journal of Applied Chemistry*, **2021**, 94, 354-361	0.8	
20	Thermodynamic Evaluation of Noncatalytic Conversion of Natural Gas with the Production of Synthesis Gas. *Russian Journal of Physical Chemistry B*, **2021**, 15, 969-976	1.2	1
19	Behavior of the Sewage Sludge Ash under the Conditions of High-Temperature Processing. *Russian Journal of Applied Chemistry*, **2020**, 93, 881-887	0.8	2
18	Sulfur Distribution in Gasification Products of Car Tires. *Russian Journal of Physical Chemistry B*, **2020**, 14, 660-665	1.2	4
17	Influence of Sodium Oxide on the Fusion of Solid Municipal Waste Ash. *Russian Journal of Physical Chemistry B*, **2020**, 14, 647-653	1.2	3
16	Filtration Combustion of Hydrocarbon Fluids in a Moving Bed of Inert Heat-Carrying Agent. *Russian Journal of Applied Chemistry*, **2019**, 92, 276-281	0.8	2
15	Synthesis of Sodium Borohydride Dihydrate and Specific Features of Its Thermolysis. *Russian Journal of Applied Chemistry*, **2019**, 92, 734-742	0.8	1
14	Thermocatalytic Biomass Processing. *Russian Journal of Applied Chemistry*, **2019**, 92, 1465-1479	0.8	6
13	Rare and Valuable Metals in Oils and Coals of the Russian Federation: Content and Methods of Extraction. *Russian Journal of Applied Chemistry*, **2019**, 92, 1616-1633	0.8	5
12	Thermoanalytical and NMR investigation of NaBH4□2H2O thermolysis process. *Journal of Thermal Analysis and Calorimetry*, **2018**, 132, 155-163	4.1	
11	Dihydrogen Elimination from Hydrated Magnesium Borohydride: Quantum-Chemical Modeling. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 201-212	1.5	0
10	Gasification of Powdered Solid Fuel in the Filtration Combustion Mode. *Russian Journal of Applied Chemistry*, **2018**, 91, 611-617	0.8	3
9	Stability of Calcium Chloride in the Air–Steam Gasification of Solid Fuel in Filtration Mode. *Solid Fuel Chemistry*, **2018**, 52, 86-90	0.7	2

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8	Thermoanalytical and NMR investigation of NaBH4□2H2O thermolysis process. *Journal of Thermal Analysis and Calorimetry*, **2018**, 131, 2833-2842	4.1	3
7	HCl Neutralization by Alkaline Sorbents in the Gasification of Chloride-Containing Fuel in the Filtration Combustion Mode. *Theoretical Foundations of Chemical Engineering*, **2018**, 52, 837-845	0.9	2
6	Influence of Reagents Flow and Composition on Filtration Combustion Characteristics of Heavy Hydrocarbons-Containing Systems. *Theoretical Foundations of Chemical Engineering*, **2018**, 52, 574-580	0.9	2
5	Lignin: Applications and Ways of Utilization (Review). *Russian Journal of Applied Chemistry*, **2018**, 91, 1129-1136	0.8	11
4	Effect of catalysts on the yield of products formed in biomass gasification. *Russian Journal of Applied Chemistry*, **2017**, 90, 716-720	0.8	12
3	Effect of sodium borohydride dihydrate aggregation on the barrier to elimination of hydrogen molecule: Quantum-chemical modeling. *Russian Journal of Inorganic Chemistry*, **2017**, 62, 309-317	1.5	5
2	Possible Ways to Prevent Ash Slagging in Peat Gasification in the Filtration Combustion Mode. *Russian Journal of Applied Chemistry*, **2017**, 90, 1706-1711	0.8	10
1	Absorption of HCl by calcium-based sorbents during filtration combustion in a continuous reactor. *Theoretical Foundations of Chemical Engineering*, **2013**, 47, 608-611	0.9	6