

# Maxim Tsvetkov

## List of Publications by Year in descending order

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25  
papers

126  
citations

1477746

6  
h-index

1372195

10  
g-index

26  
all docs

26  
docs citations

26  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of catalysts on the yield of products formed in biomass gasification. Russian Journal of Applied Chemistry, 2017, 90, 716-720.	0.1	18
2	Lignin: Applications and Ways of Utilization (Review). Russian Journal of Applied Chemistry, 2018, 91, 1129-1136.	0.1	17
3	Possible Ways to Prevent Ash Slagging in Peat Gasification in the Filtration Combustion Mode. Russian Journal of Applied Chemistry, 2017, 90, 1706-1711.	0.1	12
4	Sulfur Distribution in Gasification Products of Car Tires. Russian Journal of Physical Chemistry B, 2020, 14, 660-665.	0.2	8
5	Thermocatalytic Biomass Processing. Russian Journal of Applied Chemistry, 2019, 92, 1465-1479.	0.1	7
6	Absorption of HCl by calcium-based sorbents during filtration combustion in a continuous reactor. Theoretical Foundations of Chemical Engineering, 2013, 47, 608-611.	0.2	6
7	Influence of Sodium Oxide on the Fusion of Solid Municipal Waste Ash. Russian Journal of Physical Chemistry B, 2020, 14, 647-653.	0.2	6
8	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.	0.3	5
9	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.	0.2	5
10	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.	0.1	5
11	Thermodynamic Evaluation of Noncatalytic Conversion of Natural Gas with the Production of Synthesis Gas. Russian Journal of Physical Chemistry B, 2021, 15, 969-976.	0.2	5
12	Thermoanalytical and NMR investigation of NaBH <sub>4</sub> ·2H <sub>2</sub> O thermolysis process. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2833-2842.	2.0	4
13	Gasification of Powdered Solid Fuel in the Filtration Combustion Mode. Russian Journal of Applied Chemistry, 2018, 91, 611-617.	0.1	4
14	Stability of Calcium Chloride in the Air-steam Gasification of Solid Fuel in Filtration Mode. Solid Fuel Chemistry, 2018, 52, 86-90.	0.2	4
15	Synthesis of Sodium Borohydride Dihydrate and Specific Features of Its Thermolysis. Russian Journal of Applied Chemistry, 2019, 92, 734-742.	0.1	4
16	Behavior of the Sewage Sludge Ash under the Conditions of High-Temperature Processing. Russian Journal of Applied Chemistry, 2020, 93, 881-887.	0.1	4
17	Neutralization of Sulfur Compounds during the Filter Combustion of Brown Coals with Mineral Additives. Russian Journal of Physical Chemistry B, 2021, 15, 645-651.	0.2	4
18	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.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Influence of Reagents Flow and Composition on Filtration Combustion Characteristics of Heavy Hydrocarbons-Containing Systems. <i>Theoretical Foundations of Chemical Engineering</i> , 2018, 52, 574-580.	0.2	2
20	Filtration Combustion of Hydrocarbon Fluids in a Moving Bed of Inert Heat-Carrying Agent. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 276-281.	0.1	2
21	Dihydrogen Elimination from Hydrated Magnesium Borohydride: Quantum-Chemical Modeling. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 201-212.	0.3	1
22	Thermoanalytical and NMR investigation of $\text{NaBH}_4 \cdot 2\text{H}_2\text{O}$ thermolysis process. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 155-163.	2.0	0
23	Fusibility of Agricultural Plant Waste Ash under the Conditions of High-Temperature Processing. <i>Russian Journal of Applied Chemistry</i> , 2021, 94, 354-361.	0.1	0
24	Ignition and Combustion of Peat of Different Permeabilities with Natural Air Convection. <i>Russian Journal of Physical Chemistry B</i> , 2021, 15, 630-636.	0.2	0
25	Energy Production and Recovery of Rare Metals from Ash Residue During Coal Filtration Combustion. <i>Russian Journal of Physical Chemistry B</i> , 2022, 16, 268-277.	0.2	0