

# Yakov Dmitrievich Samuilov

## List of Publications by Year in descending order

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45  
papers

267  
citations

1039406

9  
h-index

1058022

14  
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46  
all docs

46  
docs citations

46  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum-chemical study on the reaction of phenyl isocyanate with linear methanol associates. Addition at the C=N bond. Russian Journal of Organic Chemistry, 2008, 44, 1316-1322.	0.3	26
2	Quantum-Chemical Study on Reactions of Isocyanates with Linear Methanol Associates: III.* Reaction of Methyl Isocyanate with Linear Methanol Associates. Russian Journal of Organic Chemistry, 2010, 46, 1452-1460.	0.3	24
3	Quantum-chemical study on the reaction of phenyl isocyanate with linear methanol associates: II. Addition at the C=O bond. Russian Journal of Organic Chemistry, 2009, 45, 68-73.	0.3	22
4	Quantum-chemical investigation of isocyanate reactions with linear methanol associates: V. Aryl isocyanate reactions with linear methanol associates. Russian Journal of Organic Chemistry, 2012, 48, 164-174.	0.3	15
5	Catalytic activity of manganese and copper oxides in the oxidation of sulfur compounds. Kinetics and Catalysis, 2013, 54, 334-337.	0.3	14
6	Viscosity of Polymer-Modified Bitumen Binders. Colloid Journal, 2000, 62, 755-758.	0.5	13
7	Computational study of the reaction of dimethyl carbonate with methyl amine. Computational and Theoretical Chemistry, 2014, 1049, 7-12.	1.1	13
8	Polymeric Heterogeneous Catalysts of Transition-Metal Oxides: Surface Characterization, Physicochemical Properties, and Catalytic Activity. ChemPhysChem, 2013, 14, 4149-4157.	1.0	12
9	Thermal transformations of urea in ethylene glycol: II. Reaction of isocyanic acid with ethylene glycol associates. Russian Journal of Organic Chemistry, 2013, 49, 1723-1727.	0.3	11
10	Quantum-chemical study on thermal transformations of urea in ethylene glycol. Russian Journal of Organic Chemistry, 2013, 49, 28-33.	0.3	10
11	The Reactivity of Addends in the 1,3-Dipolar Cycloaddition Reaction. Russian Chemical Reviews, 1984, 53, 332-342.	2.5	9
12	Quantum-chemical study on reactions of isocyanates with linear methanol associates: VII. Effect of nonspecific solvation on the reaction of methyl isocyanate with linear methanol associates. Russian Journal of Organic Chemistry, 2013, 49, 22-27.	0.3	9
13	Quantum-chemical investigation of isocyanate reactions with linear methanol associates: IV. Mechanism of autocatalytic reaction of methyl isocyanate with linear methanol associates. Russian Journal of Organic Chemistry, 2012, 48, 158-163.	0.3	8
14	Quantum-chemical study on reactions of isocyanates with linear methanol associates: VIII. Relative reactivity of linear phenol and methanol associates toward methyl isocyanate. Russian Journal of Organic Chemistry, 2013, 49, 968-973.	0.3	8
15	Quantum chemical study of the reaction of ethylene carbonate with methanol associates. Russian Journal of Organic Chemistry, 2014, 50, 1738-1745.	0.3	7
16	Quantum-chemical study of isocyanate reactions with linear methanol associates: IX. Methyl isocyanate reaction with methanol-phenol complexes. Russian Journal of Organic Chemistry, 2014, 50, 155-159.	0.3	7
17	Alcohol associates as catalysts of tautomeric transformations. Russian Journal of General Chemistry, 2015, 85, 1808-1815.	0.3	7
18	Title is missing!. Russian Journal of Organic Chemistry, 2001, 37, 339-344.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Possibilities of Production and Use of Rubber-Bitumen Compounds. Russian Journal of Applied Chemistry, 2002, 75, 1020-1023.	0.1	6
20	Thermodynamic parameters of urethane formation reactions and concomitant processes. Russian Journal of Applied Chemistry, 2008, 81, 1419-1422.	0.1	5
21	The thermodynamic parameters of reactions of phenyl isocyanate with methanol associates. Russian Journal of Physical Chemistry A, 2008, 82, 1999-2004.	0.1	5
22	Noncatalytic and Autocatalytic Rate Constants of the Reaction of Phenyl Isocyanate with Butan-1-ol. Russian Journal of Organic Chemistry, 2018, 54, 1749-1753.	0.3	5
23	Quantum-chemical study on reactions of isocyanates with methanol associates: VI. Quantum-chemical characterization of the relative reactivity of linear and cyclic methanol trimers in the addition to methyl isocyanate. Russian Journal of Organic Chemistry, 2012, 48, 1512-1517.	0.3	4
24	Production of High-Purity Dicyclopentadiene from the C5 Fraction of Hydrocarbon Pyrolysis. Russian Journal of Applied Chemistry, 2001, 74, 1590-1593.	0.1	3
25	Radical polymerization of vinyl acetate in individual and mixed solvents. Russian Journal of General Chemistry, 2012, 82, 1834-1837.	0.3	3
26	Quantum-chemical study of thermodynamics of hydrogen-bonded methylamine-methanol complexes reaction with dimethyl carbonate. Russian Journal of General Chemistry, 2014, 84, 1480-1486.	0.3	3
27	Methanolysis of Polycarbonate Waste as a Method of Regenerating Monomers for Polycarbonate Synthesis. Polymer Science - Series B, 2020, 62, 411-415.	0.3	3
28	Thermodynamic parameters of the thermal decomposition of dimethyl toluylenedicarbamates to toluylene diisocyanates. Russian Journal of General Chemistry, 2012, 82, 1110-1114.	0.3	2
29	Thiodiglycol-based oligomers. Russian Journal of Applied Chemistry, 2007, 80, 2093-2096.	0.1	1
30	Esterification of dicarboxylic acids with benzyl alcohol under the action of the microwave radiation. Russian Journal of General Chemistry, 2008, 78, 1920-1923.	0.3	1
31	Effect of pH of a medium on the direction of reactions of isothiocyanates with amino acids. Polymer Science - Series B, 2008, 50, 321-325.	0.3	1
32	Structure of the product of interaction of N-vinylcaprolactam with 3-chlorophenylisocyanate. Journal of Structural Chemistry, 2011, 52, 180-185.	0.3	1
33	Quantum-chemical study of thermodynamics of ethylene carbonate reactions with methanol. Russian Journal of General Chemistry, 2013, 83, 1840-1843.	0.3	1
34	Quantum Chemical Study of Addition–Elimination Reactions of Dimethyl Carbonate with Methylamine. Russian Journal of Organic Chemistry, 2018, 54, 1453-1462.	0.3	1
35	Transesterification of Diethyl Carbonate with Methanol Catalyzed by Sodium Methoxide. Russian Journal of Organic Chemistry, 2019, 55, 1338-1343.	0.3	1
36	Variation of Functional Composition of SKEPT Rubber in the Course of Ozonolysis. Russian Journal of Applied Chemistry, 2001, 74, 1220-1224.	0.1	0

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37	Stability of Oligomeric $\alpha$ -Alkoxyhydroperoxides. Kinetics and Catalysis, 2002, 43, 785-788.	0.3	0
38	Composition of Laprol-373 and Products of Its Reaction with 2,4-Toluylene Diisocyanate. Russian Journal of Applied Chemistry, 2005, 78, 1115-1118.	0.1	0
39	Polyfunctional complex sulfur-containing additives to SKI-3 rubber and vulcanizates thereof. Russian Journal of Applied Chemistry, 2006, 79, 1016-1020.	0.1	0
40	Influence of the nature of curing agents on properties of polyetherurethanethiol composites. Russian Journal of Applied Chemistry, 2008, 81, 1976-1980.	0.1	0
41	Reaction of N-methylpyrrolidone with 3-chlorophenyl isocyanate. Russian Journal of General Chemistry, 2010, 80, 1018-1024.	0.3	0
42	Oligomerization of cyclic imines N-carboxamides by the action of anion type catalyst. Russian Journal of General Chemistry, 2011, 81, 91-95.	0.3	0
43	Anionic polymerization of $\epsilon$ -caprolactam in the presence of piperidine N-carboxamides. Russian Journal of General Chemistry, 2012, 82, 1838-1841.	0.3	0
44	Thermal transformations of urea in ethylene glycol: III. Transformation of 2-hydroxyethyl carbamate into ethylene carbonate. Russian Journal of Organic Chemistry, 2015, 51, 836-841.	0.3	0
45	Catalytic Metathesis of N-Methylformamide with Dimethyl Carbonate by Alcohol Associates. Russian Journal of Physical Chemistry A, 2019, 93, 2365-2372.	0.1	0