

# Yurii Sazanov

## 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.

92  
papers

385  
citations

9  
h-index

15  
g-index

92  
ext. papers

403  
ext. citations

1  
avg, IF

3.04  
L-index

#	Paper	IF	Citations
92	Thermal Transformations of Polyoxadiazoles. <i>Russian Journal of Applied Chemistry</i> , <b>2018</b> , 91, 23-30	0.8	2
91	Production of Composite Fibrous Sorbent Based on Hydrolysis Lignin and Polyacrylonitrile. <i>Fibre Chemistry</i> , <b>2018</b> , 50, 206-208	0.6	0
90	Thermophysical properties of model compounds of the lignin structural unit. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 2504-2508	1.7	2
89	Thermochemical structural transformations of polyoxadiazoles. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1304-1310	0.8	1
88	Composite cellulose-polyacrylonitrile films prepared from solutions in a mixed solvent, 1-butyl-3-methylimidazolium chloride-dimethylformamide. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 634-639	0.8	2
87	New ways for fragmentation of hydrolysis lignin. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 2051-2055	1.7	1
86	Composite precursor of polyacrylonitrile with hydrolytic lignin. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 933-938	0.8	1
85	Effect of carbon nanostructures on the carbonization of polyacrylonitrile. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1410-1416	0.8	3
84	Structural features of carbon products: an NMR study. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 111-117	0.8	3
83	Problems of solubility of hydrolysis lignin. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 1238-1245	0.8	1
82	Thermochemistry of lignin. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 175-194	0.8	22
81	Specific features of processes in carbonization of fibers based on polypyromellitimide. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 1333-1335	0.8	
80	Thermochemical transformations of hydrolysis lignin. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 1607-1614	0.8	6
79	Criteria of polymer carbonization. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 473-482	0.8	7
78	Potential activity of hydrolytic lignin in copolymerization reactions. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 1592-1599	0.8	4
77	Cocarbonization of polyacrylonitrile-based composites. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 2002-2005	0.8	1
76	New benzimidazole-2-yl-substituted polybenzimidazoles: Synthesis, properties, and hydrodynamic characteristics. <i>Polymer Science - Series B</i> , <b>2009</b> , 51, 102-107	0.8	3

75	Optical anisotropy of molecules of pyromellite-dianilic amido acid polyesters. <i>Polymer Science - Series A</i> , <b>2009</b> , 51, 769-772	1.2	
74	The role of nitrogen atoms in forming the carbon structure in the carbonization of polymer composites. <i>Fibre Chemistry</i> , <b>2008</b> , 40, 355-364	0.6	12
73	Polyacrylonitrile: Carbonization problems. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 919-932	0.8	21
72	Cyclization and carbonization of anionic polyacrylonitrile in the presence of carbon nanofibers. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 1010-1014	0.8	3
71	Composites of lignin and polyacrylonitrile as carbon precursors. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 1220-1223	0.8	11
70	Influence of Carbon Nanofibers on Cyclization and Carbonization Processes of Polyacrylonitrile. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , <b>2008</b> , 291-296	0.3	
69	Hydrolytic degradation and thermooxidative stability of polyimides based on 3,5-diaminodiphenyl oxide and 2-methyl-3,5-diaminodiphenyl sulfide. <i>Polymer Science - Series A</i> , <b>2007</b> , 49, 349-354	1.2	3
68	Cocarbonization of polyacrylonitrile with lignin. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 619-622	0.8	7
67	Thermochemical aspects of interaction of polyimide composites with organic sorbents. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1379-1383	0.8	
66	Thermochemical reactions of flax lignocarbhydrate complexes and their cyanoethylated derivatives. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1894-1897	0.8	2
65	Mechanism of low-temperature carbonization of polyacrylonitrile. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 2124-2128	0.8	2
64	Thermostable fibres and the carbon-fibre-reinforced plastics made from them. <i>Fibre Chemistry</i> , <b>2007</b> , 39, 122-130	0.6	
63	Cocarbonization of polymers as a new concept for synthesis of carbon composites. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 433-438	0.8	4
62	Changes in the supramolecular structure of heat-resistant polyimide fibers in the course of thermal treatment. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1178-1180	0.8	2
61	Variation of supramolecular structure of heat-resistant polyimide films during thermal treatment. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1312-1315	0.8	1
60	Thermomechanical properties of composite films of polyacrylonitrile with chitin and chitosan. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1329-1332	0.8	2
59	Structuring of polyacrylonitrile solutions. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1378-1380	0.8	
58	Thermochemical Analysis of Cyanoethyl Ethers of Cellulose Blended with Polyacrylonitrile. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 646-648	0.8	

57	Prospects for Using Polyacrylonitrile for Preparing Carbonized Polymeric Composites. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 794-797	0.8	2
56	Influence of Allotropic Forms of Carbon on Formation and Cross-Linking of Heat-Resistant Polymer Binders. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1145-1148	0.8	
55	Cocarbonization of Blends of Polyacrylonitrile with Chitin and Chitosan. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1320-1324	0.8	3
54	Properties of Conducting Composite Systems Containing Polypyrrole Layers on Porous Polyethylene Films. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1993-2001	0.8	8
53	Carbonization of Polyacrylonitrile Composites with Nitrogen-containing Cellulose Derivatives. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 639-644	0.8	2
52	Carbonization of some cellulose ethers and their graft copolymers with polyacrylonitrile. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1351-1354	0.8	2
51	Thermochemical Reactions of Polyacrylonitrile with Fullerene C <sub>60</sub> . <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 452-456	0.8	2
50	Thermochemical Reactions of H Complexes. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 778-780	0.8	
49	Thermal Transformations of Polyethylene Film and Porous Membrane on Its Basis. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 1134-1138	0.8	1
48	Relay Stabilization of Polyimides. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 98-101	0.8	
47	Effect of Fullerene on Cyclization of Polyamido Acids. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 292-295	0.8	1
46	Role of Structural Characteristics of Aromatic Polyimides in Carbonization. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 606-610	0.8	7
45	Polymeric Materials Derived from Vanillic Acid. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 777-780	0.8	6
44	Structural Features of Carbonization of Copolyimides. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 1481-1484	0.8	4
43	Preparation and Structure of Polyimides Derived from H Complexes of Benzophenonetetracarboxylic Acid with Diaminodiphenyl Ether. <i>Russian Journal of Applied Chemistry</i> , <b>2002</b> , 75, 1999-2004	0.8	
42	Applied Significance of Polyimides. <i>Russian Journal of Applied Chemistry</i> , <b>2001</b> , 74, 1253-1269	0.8	54
41	Thermochemistry of Polymers Based on Vanillic Acid. <i>Magyar Árvad Kémia</i> , <b>1999</b> , 55, 721-726	0	4
40	Transfer Stabilization of Thermally Stable Polymers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>1994</b> , 25, 97-105		3

- 39 Investigation of the role of the pyrimidine ring in the main chain of polyamido acids and polyimides. 2. Characteristics of the thermocyclization of polypyromellitimido acids based on 2,5-bis(p-aminophenyl)pyrimidine and 4,4'-diaminoterphenyl. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1797-1800 5
- 38 Complexes of amic acids with polar aprotic solvents. *Journal of Thermal Analysis*, **1992**, 38, 1203-1213
- 37 Mechanism of polycondensation of polyimides. *Acta Polymerica*, **1991**, 42, 119-125 2
- 36 Thermal analysis in the investigation of composite polymers. *Journal of Thermal Analysis*, **1990**, 36, 361-376 4
- 35 Preparation and investigation of polymer-polymer compositions based on polyacrylonitrile and aromatic polyamic acid. *Journal of Thermal Analysis*, **1990**, 36, 2329-2338 6
- 34 Complexes of amic acids with polar aprotic solvents. *Journal of Thermal Analysis*, **1990**, 36, 559-568 1
- 33 Relationships of Thermal Degradation of Homologous Series of Polyalkylstyrenes and Polyalkylacrylates. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **1990**, 14, 85-90 2
- 32 Mass-spectrometric analysis of polymers based on furyl alcohol-polyamic acid compositions. *Journal of Thermal Analysis*, **1989**, 35, 947-954
- 31 Mass-spectrometric thermal analysis of polymers based on furyl alcohol. *Journal of Thermal Analysis*, **1989**, 35, 1365-1371
- 30 Influence of organic compounds on the cyclization, degradation and carbonization processes of poly(pyromellitimides). *Acta Polymerica*, **1988**, 39, 422-424 3
- 29 Some aspects of the carbonization of polyimides. *Acta Polymerica*, **1988**, 39, 431-434 6
- 28 Solid-phase thermochemical reactions of polyimides. *Acta Polymerica*, **1988**, 39, 516-523 3
- 27 Thermal and thermo-oxidative degradation of polystyrene in the presence of bromine-containing flame retardants. *Journal of Thermal Analysis*, **1988**, 33, 1213-1219 6
- 26 Thermal analysis of polyamic acid-furyl alcohol compositions. *Journal of Thermal Analysis*, **1988**, 34, 289-295 4
- 25 Thermoanalytical investigation of high-temperature transformations of polyimides. *Journal of Thermal Analysis*, **1988**, 34, 1117-1139 8
- 24 Complexes of acid amides with polar aprotic solvents. *Journal of Thermal Analysis*, **1987**, 32, 1393-1400 5
- 23 Complexes of amic acids with polar aprotic solvents. VI. System of hydrogen-bonds in complexes of amic acids and polyamic acids with amide solvents. *Journal of Thermal Analysis*, **1987**, 32, 807-814 3
- 22 Thermochemistry of Carbonization of Polypyromellitimide. *Journal of Thermal Analysis*, **1987**, 32, 815-823 8

21	Investigation of thermal degradation of polystyrene with the aid of thermal analysis. <i>Journal of Thermal Analysis</i> , <b>1987</b> , 32, 311-314		9
20	Structural examination of two crystal modifications of the 1:2 molecular complex of pyromellitic dianilic acid and N-methyl-2-pyrrolidone. <i>Journal of Structural Chemistry</i> , <b>1987</b> , 27, 777-780 <sup>0.9</sup>		
19	Crystal structure of molecular 1:2 complex of pyromellidianilic acid and dimethylformamide. <i>Journal of Structural Chemistry</i> , <b>1987</b> , 27, 619-622	0.9	
18	Complexes of pyromellitic dianilic acid with aprotic solvents. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1984</b> , 33, 1632-1635		
17	Amic acid complexes with aprotic polar solvents V. Complexes with amide solvents and isomerism of trimellite-dianilic acid. <i>Journal of Thermal Analysis</i> , <b>1984</b> , 29, 273-278		2
16	Complexes of acid amides with polar aprotic solvents. <i>Journal of Thermal Analysis</i> , <b>1983</b> , 26, 199-204		6
15	Investigation of the thermal transformations of acrylonitrile copolymers with methylthiirane in dilute solution in dimethylformamide. <i>Journal of Thermal Analysis</i> , <b>1983</b> , 27, 307-313		
14	Complexes of acid amides with aprotic polar solvents IV. Complexes of poly(acid amides) with aprotic solvents. <i>Journal of Thermal Analysis</i> , <b>1983</b> , 27, 333-340		6
13	Thermogravimetric analysis of complexes of compounds serving as models of polyamic acids with amic solvents. <i>Journal of Thermal Analysis</i> , <b>1983</b> , 28, 317-324		2
12	Kinetics of the thermal degradation of polyimides. <i>Journal of Theoretical Biology</i> , <b>1982</b> , 23, 65-71	2.3	9
11	Complexes of acid amides with polar aprotic solvents. II. Thermal analysis of the complexes of bis(N-phenyl)-pyromellitic acid amide with dimethylformamide, dimethylacetamide, N-methylpyrrolidone and dimethylsulfoxide. <i>Journal of Thermal Analysis</i> , <b>1982</b> , 25, 441-447		4
10	Some features of DTA in platinum crucibles. <i>Journal of Thermal Analysis</i> , <b>1982</b> , 25, 597-601		1
9	Effect of ultraviolet irradiation on the cyclodehydration of polyamic acids. <i>Journal of Thermal Analysis</i> , <b>1982</b> , 24, 199-205		
8	Complexes of acid amides with polar aprotic solvents. I. <i>Journal of Thermal Analysis</i> , <b>1982</b> , 24, 75-82		8
7	Comparative thermal analysis (CTA) of thermally-stable polymers and model compounds. Polyimides and model compounds. <i>Journal of Theoretical Biology</i> , <b>1980</b> , 18, 65-75	2.3	4
6	Thermal and thermooxidative degradation of polyimide fibres. <i>Fibre Chemistry</i> , <b>1977</b> , 9, 33-37	0.6	
5	Thermooxidative degradation of polyacrolein. <i>Journal of Theoretical Biology</i> , <b>1976</b> , 10, 323-329	2.3	
4	Effects of some methodological factors on quantitative characteristics of thermal stability of polyimide materials. <i>Journal of Theoretical Biology</i> , <b>1976</b> , 10, 391-398	2.3	5

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| 3 | Thermogravimetric study of the effect of the chemical structure of polyimides on their thermal stability. <i>Journal of Theoretical Biology</i> , <b>1975</b> , 7, 165-171 | 2.3 | 21 |
| 2 | Thermoanalytical investigation of transformation of polyamido acid into polyimide. <i>Journal of Applied Polymer Science</i> , <b>1975</b> , 19, 2335-2345                 | 2.9 | 9  |
| 1 | Thermal decomposition of polymethylmethacrylate synthesized with anionic catalysts. <i>Journal of Thermal Analysis</i> , <b>1974</b> , 6, 53-58                            |     | 8  |