

Sayora Rashidova

List of Publications by Year in descending order

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81
papers

400
citations

1039406

9
h-index

887659

17
g-index

82
all docs

82
docs citations

82
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Bionanocompositional chitosan-silica sorbent for liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 800, 49-53.	1.2	71
2	Trends in the science and applications of pectins. Chemistry of Natural Compounds, 2000, 36, 1-10.	0.2	33
3	Characteristics of Interactions in the Pectin-Chitosan System. Chromatographia, 2004, 59, .	0.7	33
4	Structural Investigations of Chitin and Its Deacetylation Products. Chemistry of Natural Compounds, 2000, 36, 352-355.	0.2	30
5	QSPR Modeling of the Reactivity Parameters of Monomers in Radical Copolymerizations. Journal of Structural Chemistry, 2004, 45, 945-950.	0.3	17
6	Metal complexes of polymers with amino acid residues. formation, stability and controlled biological activity. Journal of Controlled Release, 1990, 14, 61-70.	4.8	13
7	Fungicide features of the nanosystems of silkworm (Bombyx mori) chitosan with copper ions. Microbiology, 2014, 83, 751-753.	0.5	12
8	Some conformational parameters of poly(vinylpyrrolidone), poly(vinylcaprolactam) and their copolymers in dilute solutions. Polymer Science USSR, 1989, 31, 666-672.	0.2	11
9	Isolation of Chitin from a Variety of Raw Materials, Modification of the Material, and Interaction its Derivatives with Metal Ions. Chromatographia, 2004, 59, .	0.7	11
10	Liquid chromatography of polysaccharides. Chemistry of Natural Compounds, 1999, 35, 1-13.	0.2	10
11	Physicochemical studies of cotton cellulose and its derivatives containing silver nanoparticles. Chemistry of Natural Compounds, 2011, 47, 415-418.	0.2	9
12	Computer modeling of chitosan adsorption on a carbon nanotube. Journal of Structural Chemistry, 2012, 53, 829-834.	0.3	9
13	Structure and properties of biodegradable carboxymethyl cellulose films containing silver nanoparticles. Polymer Science - Series A, 2014, 56, 283-288.	0.4	9
14	State and prospects of solar cells based on perovskites. Applied Solar Energy (English Translation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	8
15	Use of Allylbenzene and Allyl Phenyl Ether as Chain-Transfer Agents in Radical Polymerization. Russian Journal of Applied Chemistry, 2004, 77, 994-997.	0.1	7
16	Applying the Monte Carlo technique to build up models of glass transition temperatures of diverse polymers. Structural Chemistry, 2020, 31, 1739-1743.	1.0	7
17	Drug Delivery Polymer Systems for Ophthalmic Administration of Anti- Viral Agents. Current Drug Delivery, 2020, 17, 406-413.	0.8	7
18	Statistical theory of multiple exciton generation in quantum dot solar cells. Applied Solar Energy (English Translation of Geliotekhnika), 2009, 45, 162-165.	0.2	5

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19	Advanced theory of multiple exciton generation effect in quantum dots. <i>European Physical Journal B</i> , 2012, 85, 1.	0.6	5
20	Role of metal ions in development of specific properties of polymer metal complexes. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1986, 4, 233-244.	0.6	4
21	Title is missing!. <i>Russian Journal of Applied Chemistry</i> , 2002, 75, 1136-1140.	0.1	4
22	The Structures and Physicochemical Properties of Mixtures of Water-Soluble Polymers. <i>Chromatographia</i> , 2004, 59, .	0.7	4
23	Synthesis of graft copolymers of N-vinylcaprolactam on chitosan. <i>Russian Journal of Applied Chemistry</i> , 2007, 80, 1750-1752.	0.1	4
24	Nanostructures of pectin and its metal complexes. <i>Chemistry of Natural Compounds</i> , 2010, 46, 677-681.	0.2	4
25	Bactericidal Effect of Cotton Fabric Treated with Polymer Solution Containing Silver Nanoparticles of Different Sizes and Shapes. <i>Asian Journal of Chemistry</i> , 2020, 32, 1335-1342.	0.1	4
26	Synthesis and Structure of Grafted Copolymers of Acrylic Acid and Low Molecular Weight Polyethylene. <i>Russian Journal of Applied Chemistry</i> , 2020, 93, 1498-1503.	0.1	4
27	Auger Destruction of Polymers. <i>Doklady Chemistry</i> , 2002, 387, 302-304.	0.2	3
28	Radical Polymerization of N-Vinylcaprolactam in Isopropanol. <i>Russian Journal of Applied Chemistry</i> , 2002, 75, 1465-1467.	0.1	3
29	Thermoelectrical power in AlInBVCrystals and solid solution. <i>Semiconductor Science and Technology</i> , 2004, 19, 472-474.	1.0	3
30	QSPR-modeling of oligophenylene melting points. <i>Journal of Structural Chemistry</i> , 2006, 47, 362-366.	0.3	3
31	Rheological properties of solutions of chitosan and its graft copolymer with N-vinylcaprolactam. <i>Polymer Science - Series A</i> , 2010, 52, 939-941.	0.4	3
32	Structural investigation of polysaccharides and nanocompositions based on them. <i>Russian Journal of Bioorganic Chemistry</i> , 2011, 37, 786-790.	0.3	3
33	Radiation-induced defects in InPâ€³Snâ€³ single crystals irradiated with ⁶⁰ Co gamma quanta. <i>Journal of Engineering Physics and Thermophysics</i> , 2011, 84, 479-482.	0.2	3
34	Effect of the structure of the biopolymer chitosan on its bactericidal activity. <i>Polymer Science - Series A</i> , 2013, 55, 98-101.	0.4	3
35	The properties of chitosan-cobalt nanoparticle solutions and related composite films. <i>Polymer Science - Series A</i> , 2015, 57, 460-466.	0.4	3
36	Bioactive properties of nanochitosan Bombyx mori. <i>Polymer Science - Series C</i> , 2017, 59, 29-34.	0.8	3

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37	Synthesis of poly- β -ketoesters by ester condensation. <i>Polymer Science USSR</i> , 1967, 9, 164-172.	0.2	2
38	Testing the atomic orbital graph as a basis for QSPR modeling of the boiling points of haloalkanes. <i>Journal of Structural Chemistry</i> , 1999, 40, 950-958.	0.3	2
39	Using the maximal topological distance matrix for QSPR modeling of the boiling points of cyclic hydrocarbons. <i>Journal of Structural Chemistry</i> , 1999, 40, 169-172.	0.3	2
40	Structural and physicochemical study of chitosan and polyvinylpyrrolidone blends. <i>Chemistry of Natural Compounds</i> , 2000, 36, 258-262.	0.2	2
41	Reaction of Microcrystalline Cellulose with Water. <i>Chemistry of Natural Compounds</i> , 2002, 38, 87-89.	0.2	2
42	Studying Interactions in Microcrystalline Cellulose " Drug Systems. <i>Pharmaceutical Chemistry Journal</i> , 2002, 36, 619-622.	0.3	2
43	Determination of the degree of sulfation of <i>Bombyx mori</i> chitosan by conductometric titration. <i>Russian Journal of Applied Chemistry</i> , 2009, 82, 2192-2196.	0.1	2
44	Quantum theory of the hydrogen key in DNA. <i>Biophysics (Russian Federation)</i> , 2011, 56, 206-209.	0.2	2
45	Synthesis and stabilization of cobalt and copper nanoparticles by using <i>Bombyx mori</i> chitosan. <i>Journal of the Korean Physical Society</i> , 2016, 69, 1295-1300.	0.3	2
46	Hydroxyapatite-Chitosan <i>Bombyx mori</i> : Synthesis and Physicochemical Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3357-3368.	1.9	2
47	Isolation of Nanocellulose from Cotton Cellulose and Computer Modeling of Its Structure. <i>Open Journal of Polymer Chemistry</i> , 2019, 09, 117-129.	1.8	2
48	Synthesis and biological activity of cobalt-containing polyvinylpyrrolidone complexes. <i>Pharmaceutical Chemistry Journal</i> , 1989, 23, 375-378.	0.3	1
49	Social-ecological aspects of the use of plant protecting agents in Uzbekistan. <i>Russian Chemical Reviews</i> , 1991, 60, 265-266.	2.5	1
50	Structural features of chitin from Aral crustaceans and use of chitosans based on it. <i>Chemistry of Natural Compounds</i> , 2000, 36, 120-123.	0.2	1
51	Synthesis of Polyvinylpyrrolidone under Secondary Inhibition Conditions. <i>Russian Journal of Applied Chemistry</i> , 2002, 75, 1032-1033.	0.1	1
52	Enhancement of Bleaching of Cotton Cellulose with High-Frequency Currents. <i>Fibre Chemistry</i> , 2003, 35, 149-151.	0.0	1
53	QSPR modeling of vitrification temperatures for polyarylene oxides. <i>Journal of Structural Chemistry</i> , 2004, 45, 706-712.	0.3	1
54	Free-radical polymerization of N-vinylpyrrolidone under the conditions of secondary inhibition. <i>Polymer Science - Series B</i> , 2007, 49, 297-300.	0.3	1

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55	Light amplification in \hat{I}^3 -irradiated-doped InP semiconductor superlattices. Radiation Effects and Defects in Solids, 2013, 168, 224-227.	0.4	1
56	Acrylonitrile copolymer nanofibers and their structural characteristics. Polymer Science - Series A, 2013, 55, 39-42.	0.4	1
57	Synthesis and Stabilization of Cobalt and Cooper Nanoparticles by Chitosan Bombyx mori. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1380-1386.	1.9	1
58	Study of Possible Ways of Improving the Morphology of Layers of the Solar Radiation Absorber in Perovskite-Based Cells. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 8-11.	0.2	1
59	Role of Fractals in Perovskite Solar Cells. Eurasian Chemico-Technological Journal, 2017, 18, 293.	0.3	1
60	Nanocomposites of Silver and N-Carboxymethylchitosan Bombyx mori. Polymer Science - Series A, 2020, 62, 515-520.	0.4	1
61	IVth conference on "Ageing and stabilization of polymers". Polymer Science USSR, 1977, 19, 1061-1063.	0.2	0
62	Catalytic properties of cobalt and manganese complexes with macromolecular ligands in the liquid-phase oxidation of ethylbenzene. Reaction Kinetics and Catalysis Letters, 1979, 10, 263-266.	0.6	0
63	Synthesis and properties of complexes of metals of the transition series and polymers with amino acid residues. Pharmaceutical Chemistry Journal, 1989, 23, 968-971.	0.3	0
64	ESR study of copper complexes of copolymers of N-vinylpyrrolidone with amino acid residues. Polymer Science USSR, 1990, 32, 960-964.	0.2	0
65	New trends in the creation of pesticides with a low ecological stress. Russian Chemical Reviews, 1991, 60, 264-265.	2.5	0
66	Effect of the cleaning method on the structure and properties of cotton cellulose fabricated by combined boiling and bleaching. Fibre Chemistry, 1999, 31, 204-207.	0.0	0
67	Decrease of threshold energy in photo-stimulated processes in condensed media. Synthetic Metals, 2000, 115, 173-176.	2.1	0
68	Title is missing!. Russian Journal of Applied Chemistry, 2003, 76, 775-777.	0.1	0
69	Structural, Physicomechanical, and Sorption Properties of Ternary Acrylonitrile Copolymer Fibres. Fibre Chemistry, 2003, 35, 193-197.	0.0	0
70	Change in the Structure of Cotton Cellulose and Carboxymethylcellulose in Drying with Ultrahigh-Frequency Radiation. Fibre Chemistry, 2003, 35, 434-437.	0.0	0
71	Thermoelectrical properties of $In_{1-x}GaxAs$ and $InAs$ crystals irradiated with fast electrons. Crystal Research and Technology, 2004, 39, 598-601.	0.6	0
72	Molecular and supramolecular interactions in systems based on microcrystalline cellulose and trichlorophene. Pharmaceutical Chemistry Journal, 2005, 39, 658-662.	0.3	0

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73	Topological modeling of the reactive capacity and biological activity of some amino-polysaccharides. Journal of Structural Chemistry, 2011, 52, 777-780.	0.3	0
74	Compatibility of Bombyx mori chitosan with pectin and Na-carboxymethyl cellulose in solutions. Russian Journal of Applied Chemistry, 2011, 84, 307-310.	0.1	0
75	A synergistic approach to the polydispersity of polymers. Polymer Science - Series B, 2013, 55, 52-54.	0.3	0
76	Thermoadsorptive separation of DNA by size using a polymeric sorbent. Biophysics (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 622 T	0.2	0
77	Synthesis and Characterization of Polymer+InP Composites. Journal of Engineering Physics and Thermophysics, 2015, 88, 781-785.	0.2	0
78	Negative reflection in GaP single crystals. Optical and Quantum Electronics, 2016, 48, 1.	1.5	0
79	Absorption spectra of some radiation-doped A3B5 compounds. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	0
80	Synthesis of N-Carboxymethylchitosan from Bombyx mori and its Role in Estimating Hematological Parameters. Chemistry of Natural Compounds, 2017, 53, 726-728.	0.2	0
81	Polyethylene/Layered Aluminosilicate Nanocomposites: Investigation of Thermal Stability under Static and Dynamic Conditions. Eurasian Chemico-Technological Journal, 2017, 18, 305.	0.3	0