Oleg A. Pisarev

List of Publications by Year in Descending Order

46 papers	179 citations	7 h-index	10 g-index
47 ext. papers	211 ext. citations	1.7 avg, IF	2.97 L-index

#	Paper	IF	Citations
46	Effect of gel diffusion on the frontal sorption and desorption of erythromycin by molecularly imprinted polymeric monoliths. *Separation Science and Technology*, **2020**, 55, 377-385	2.5	1
45	Effect of the Method of Nanocomplex Synthesis on the Proteolytic Activity of Chymotrypsin Immobilized on Silver Nanoparticles. *Applied Biochemistry and Microbiology*, **2019**, 55, 514-517	1.1	0
44	Explicit measurement of the endotoxin adsorption efficiency detects non-Langmuir behavior at low concentrations. *Analytical Biochemistry*, **2019**, 587, 113445	3.1	0
43	Enantiospecific Sorption of L-Lysin by Molecularly Imprinted Sorbents Based on Methacrylic Acid and Ethylene Glycol Dimethacrylate. *Applied Biochemistry and Microbiology*, **2019**, 55, 107-111	1.1	
42	Dynamics of Uric Acid Sorption on Molecularly Imprinted Sorbent. *Russian Journal of Applied Chemistry*, **2019**, 92, 437-444	0.8	
41	Triple Complexes of Bismuth Nanoparticles with β-Cyclodextrin and Polyvinylpyrrolidone. *Russian Journal of Physical Chemistry A*, **2019**, 93, 1567-1571	0.7	
40	Synthesis and Properties of Organo-Inorganic Composites Based on Daunomycin, Polyvinylpyrrolidone, and Selenium Nanoparticles. *Russian Journal of Applied Chemistry*, **2018**, 91, 121-126	0.8	1
39	Proteolytic Activity of Chymotrypsin Immobilized on Selenium Nanoparticles. *Applied Biochemistry and Microbiology*, **2018**, 54, 375-378	1.1	2
38	Molecularly imprinted polymers based on methacrylic acid and ethyleneglycol dimethacrylate for l-lysine recognition. *Reactive and Functional Polymers*, **2018**, 130, 98-110	4.6	12
37	Surface Plasmon Resonance and Aggregate Stability of Silver Nanoparticle Complexes with Chemotripsin. *Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)*, **2018**, 125, 243-248	0.7	3
36	Synthesis and Stabilization of Bismuth Nanoparticles in Aqueous Solutions. *Russian Journal of Physical Chemistry A*, **2018**, 92, 2253-2256	0.7	4
35	Frontal dynamics of erythromycin sorption on monolithic molecularly imprinted polymer sorbents. *Russian Journal of Physical Chemistry A*, **2017**, 91, 2225-2229	0.7	2
34	Complex-Emulsion synthesis of organo-inorganic amphiphilic sorbents with specific affinity for glucose. *Russian Journal of Applied Chemistry*, **2017**, 90, 901-909	0.8	3
33	Complex formation of daunomycin with poly(vinylpyrrolidone) and poly(ethylene glycol). *Russian Journal of General Chemistry*, **2017**, 87, 1031-1037	0.7	3
32	Surface molecularly imprinted organic-inorganic polymers having affinity sites for cholesterol. *Reactive and Functional Polymers*, **2016**, 109, 88-98	4.6	18
31	Synthesis and characterization of 2-hydroxyethyl methacrylate-ethylene glycol dimethacrylate polymeric granules intended for selective removal of uric acid. *Reactive and Functional Polymers*, **2016**, 102, 101-109	4.6	13
30	Immobilization of chymotrypsin on silver nanoparticles. *Russian Chemical Bulletin*, **2016**, 65, 790-793	1.7	3

29	Low-basic anion exchangers based on glycidyl methacrylate for selective sorption of endotoxin. *Russian Journal of Applied Chemistry*, **2015**, 88, 259-266	0.8	3
28	Effect of the temperature of synthesis on the spectral and dimensional characteristics of selenium-chymotrypsin nanocomplexes. *Russian Journal of Physical Chemistry A*, **2015**, 89, 469-471	0.7	1
27	Synthesis and sorption properties of polymeric sorbents molecularly imprinted with uric acid. *Russian Journal of Applied Chemistry*, **2015**, 88, 820-825	0.8	6
26	Morphological characteristics of selenium-polyethylene glycol nanocomposites. *Russian Journal of Physical Chemistry A*, **2015**, 89, 1625-1627	0.7	3
25	Preparation and characterization of macroporous monoliths imprinted with erythromycin. *Journal of Separation Science*, **2015**, 38, 2763-71	3.4	13
24	Synthesis and properties of polymeric and organo-inorganic amphiphilic sorbents molecularly imprinted with cholesterol. *Russian Journal of Applied Chemistry*, **2015**, 88, 1617-1626	0.8	3
23	Polymer sorbent with the properties of an artificial cholesterol receptor. *Russian Journal of Physical Chemistry A*, **2015**, 89, 288-290	0.7	6
22	Molecularly imprinted polymeric sorbents for selective sorption of erythromycin. *Russian Journal of Applied Chemistry*, **2014**, 87, 1126-1132	0.8	6
21	Stabilizing selenium nanoparticles with chymotrypsin: The effect of pH and nanoparticle-enzyme concentration ratios on the stability of nanocomplexes. *Russian Journal of Physical Chemistry A*, **2013**, 87, 998-1001	0.7	6
20	Effect of the conditions of synthesis and the pH of the medium on the dimensional characteristics of nanocomplexes of selenium with chymotrypsin. *Russian Journal of Physical Chemistry A*, **2013**, 87, 2074-2076	0.7	4
19	Molecularly imprinted hydrophilic polymer sorbents for selective sorption of erythromycin. *Applied Biochemistry and Microbiology*, **2011**, 47, 635-639	1.1	12
18	Sorption of lysine by molecularly imprinted carboxyl sorbents. *Applied Biochemistry and Microbiology*, **2009**, 45, 221-225	1.1	5
17	The interaction of erythromycin with polymeric sorbents adjusted to the antibiotic molecule. *Russian Journal of Physical Chemistry A*, **2009**, 83, 125-128	0.7	5
16	Influence of the molecular weight and structural organization of cationic polyelectrolytes on protein flocculation. *Russian Journal of Applied Chemistry*, **2008**, 81, 1608-1611	0.8	
15	Dependence of equilibrium and kinetic parameters of erythromycin a sorption on the structural characteristics of the biosorbent. *Applied Biochemistry and Microbiology*, **2006**, 42, 360-363	1.1	2
14	Experimental and theoretical studies of sorption kinetics of the anthracycline antitumor antibiotic rubomycin on a carboxylic heterogeneous sorbent. Bidisperse model of sorption kinetics. *Journal of Chromatography A*, **2006**, 1123, 121-9	4.5	3
13	Estimation of the kinetic characteristics of sorption of an organic ion on a heterogeneous crosslinked polymer sorbent within the framework of a bidisperse model. *Russian Journal of Physical Chemistry A*, **2006**, 80, 238-242	0.7	
12	Influence of polyfunctional interactions between organic zwitter-ion eremomycin and carboxylic cation exchangers on forming concentration front. *Journal of Chromatography A*, **2005**, 1092, 135-41	4.5	8

11	Thermodynamics of Oligomerization of Glutaric Aldehyde with Amino Acids. *Russian Journal of Applied Chemistry*, **2003**, 76, 1798-1802	0.8	2
10	Choice of procedures for preparative chromatography. *Journal of Chromatography A*, **2003**, 1018, 129-36	4.5	8
9	Optimization of experimental conditions for the preparative displacement chromatography of antitumor anthracycline antibiotics on carboxylic sorbents. *Journal of Chromatography A*, **2003**, 1006, 121-6	4.5	4
8	Mass transfer effects in preparative chromatography of eremomycin on polymeric sorbents. *Journal of Chromatography A*, **2003**, 1006, 251-60	4.5	6
7	Optimization of Conditions of Preparative Chromatography of Carminomycin on a Carboxylic Cation Exchanger. *Applied Biochemistry and Microbiology*, **2002**, 38, 108-111	1.1	
6	Sorption of Eremomycin on Carboxylic Cation Exchangers. *Russian Journal of Applied Chemistry*, **2002**, 75, 535-539	0.8	
5	Chromatographic purification and superpurification of biologically active compounds using heteroreticular and composite ion exchange resins at low pressure. *Pure and Applied Chemistry*, **1993**, 65, 2287-2290	2.1	5
4	Aspects of the ionization of carboxymethyl sephadex and their influence on the binding of haemoglobin. *Polymer Science USSR*, **1990**, 32, 1345-1349		
3	Study of diallylisophthalate polymerization by DSC and PMR methods. *Polymer Science USSR*, **1989**, 31, 156-163		
2	Ion-exchange sorption of singly charged organic cations on cross-linked carboxylic cation-exchangers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 29-33		
1	Thermodynamic analysis of the ionization of crosslinked polyelectrolytes. *Polymer Science USSR*, **1978**, 20, 417-424		3