Sergey A Staroverov

List of Publications by Year
in descending order

38 papers	644 citations	758635 12 h-index	580395 25 g-index
38 all docs	38 docs citations	38 times ranked	942 citing authors

#	Article	IF	Citations
1	Sensor System Based on a Piezoelectric Resonator with a Lateral Electric Field for Virus Diagnostics. Ultrasound in Medicine and Biology, 2022, 48, 901-911.	0.7	3
2	Synthesis of Silymarin-Gold Nanoparticle Conjugate and Analysis of its Liver-Protecting Activity. Current Pharmaceutical Biotechnology, 2021, 22, 2001-2007.	0.9	7
3	Acoustical Slot Mode Sensor for the Rapid Coronaviruses Detection. Sensors, 2021, 21, 1822.	2.1	6
4	Synthesis of silymarinâ˜'selenium nanoparticle conjugate and examination of its biological activity in vitro. ADMET and DMPK, 2021, 9, 255-266.	1.1	8
5	Progress in the use of an electro-optical sensor for virus detection. Optics Communications, 2020, 465, 125605.	1.0	10
6	Preparation and in vivo evaluation of glyco-gold nanoparticles carrying synthetic mycobacterial hexaarabinofuranoside. Beilstein Journal of Nanotechnology, 2020, 11, 480-493.	1.5	16
7	Prospects for the Use of Gold Nanoparticles to Increase the Sensitivity of an Acoustic Sensor in the Detection of Microbial Cells. Ultrasound in Medicine and Biology, 2020, 46, 1727-1737.	0.7	6
8	Prospects for the use of spherical gold nanoparticles in immunization. Applied Microbiology and Biotechnology, 2019, 103, 437-447.	1.7	27
9	The biological acoustic sensor to record the interactions of the microbial cells with the phage antibodies in conducting suspensions. Talanta, 2018, 178, 569-576.	2.9	15
10	Electro-acoustic sensor for the real-time identification of the bacteriophages. Talanta, 2018, 178, 743-750.	2.9	13
11	Gold nanoparticles as an adjuvant: Influence of size, shape, and technique of combination with CpG on antibody production. International Immunopharmacology, 2018, 54, 163-168.	1.7	57
12	Effect of M2e peptideâ€"gold nanoparticle conjugates on development of anti-influenza antibodies. Gold Bulletin, 2018, 51, 197-203.	1.1	4
13	The adjuvant effect of selenium nanoparticles, Triton X-114 detergent micelles, and lecithin liposomes for Escherichia coli antigens. Applied Biochemistry and Microbiology, 2017, 53, 587-593.	0.3	6
14	Use of mini-antibodies for detection of bacteriophages by the electroaucoustic analysis method. Biophysics (Russian Federation), 2017, 62, 373-384.	0.2	6
15	PREPARATION OF SELENIUM NANOPARTICLES BY USING SILYMARIN AND STUDY OF THEIR CYTOTOXICITY TO TUMOR CELLS. Sel'skokhozyaistvennaya Biologiya, 2017, 52, 1206-1213.	0.1	0
16	Immunodetection of bacteriophages by a piezoelectric resonator with lateral electric field. Applied Biochemistry and Microbiology, 2016, 52, 457-463.	0.3	6
17	Gold nanoparticle-aided preparation of antibodies to Î±-methylacyl-CoA racemase and its immunochemical detection. Gold Bulletin, 2016, 49, 87-94.	1.1	3
18	Application of the method of electro-acoustical analysis for the detection of bacteriophages in a liquid phase. Biophysics (Russian Federation), 2016, 61, 52-58.	0.2	8

#	Article	IF	Citations
19	The Usage Of Phage Mini-Antibodies As A Means Of Detecting Ferritin Concentration In Animal Blood Serum. Journal of Immunoassay and Immunochemistry, 2015, 36, 100-110.	0.5	7
20	Determination of the spectrum of lytic activity of bacteriophages by the method of acoustic analysis. Biophysics (Russian Federation), 2015, 60, 592-597.	0.2	11
21	Use of a synthetic foot-and-mouth disease virus peptide conjugated to gold nanoparticles for enhancing immunological response. Gold Bulletin, 2015, 48, 93-101.	1.1	20
22	Electro-optical Study of the Exposure ofAzospirillum brasilenseCarbohydrate Epitopes. Journal of Immunoassay and Immunochemistry, 2015, 36, 379-386.	0.5	1
23	Use of gold nanoparticles for the preparation of antibodies to tuberculin, the immunoassay of mycobacteria, and animal vaccination. Nanotechnologies in Russia, 2013, 8, 816-822.	0.7	6
24	Analytical and Theranostic Applications of Gold Nanoparticles and Multifunctional Nanocomposites. Theranostics, 2013, 3, 167-180.	4.6	166
25	New types of nanomaterials: powders of gold nanospheres, nanorods, nanostars, and gold-silver nanocages. Nanotechnologies in Russia, 2013, 8, 209-219.	0.7	22
26	Plasmon-resonant gold nanoparticles with variable morphology as optical labels and drug carriers for cytological research. , 2013, , .		5
27	Analytical and Theranostic Applications of Gold Nanoparticles and Multifunctional Nanocomposites: Erratum. Theranostics, 2013, 3, 1012-1012.	4.6	3
28	Obtaining phage mini-antibodies and using them for detection of microbial cells with an electroacoustic sensor. Biophysics (Russian Federation), 2012, 57, 336-342.	0.2	21
29	PREPARATION OF MINIANTIBODIES TOAzospirillum brasilenseSp245 SURFACE ANTIGENS AND THEIR USE FOR BACTERIAL DETECTION. Journal of Immunoassay and Immunochemistry, 2012, 33, 115-127.	0.5	8
30	Biodynamic parameters of micellar diminazene in sheep erythrocytes and blood plasma. Journal of Veterinary Science, 2011, 12, 303.	0.5	10
31	Immunostimulatory Effect of Gold Nanoparticles Conjugated with Transmissible Gastroenteritis Virus. Bulletin of Experimental Biology and Medicine, 2011, 151, 436-9.	0.3	46
32	Quantitative cell bioimaging using goldâ€•nanoshell conjugates and phage antibodies. Journal of Biophotonics, 2011, 4, 74-83.	1.1	29
33	Adjuvant properties of gold nanoparticles. Nanotechnologies in Russia, 2010, 5, 748-761.	0.7	28
34	Preparation of polyclonal antibodies to diminazene and its detection in animal blood plasma. International Immunopharmacology, 2008, 8, 1418-1422.	1.7	5
35	Obtainment of Polyclonal Antibodies to Clenbuterol with the Use of Colloidal Gold. Immunopharmacology and Immunotoxicology, 2007, 29, 563-568.	1.1	7
36	The Effectivity Analysis of Accumulation of Liposomal, Micellar, and Water-Soluble Forms of Diminazene in Cells and in Organs. Drug Delivery, 2006, 13, 351-355.	2.5	5

#	Article	IF	Citations
37	<title>The adjuvanticity of gold nanoparticles</title>. , 2006, , .		0
38	Immunogenic Properties of Colloidal Gold. Biology Bulletin, 2004, 31, 75-79.	0.1	43