

Sergey A Staroverov

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

644
citations

758635

12
h-index

580395

25
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38
all docs

38
docs citations

38
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical and Theranostic Applications of Gold Nanoparticles and Multifunctional Nanocomposites. <i>Theranostics</i> , 2013, 3, 167-180.	4.6	166
2	Gold nanoparticles as an adjuvant: Influence of size, shape, and technique of combination with CpG on antibody production. <i>International Immunopharmacology</i> , 2018, 54, 163-168.	1.7	57
3	Immunostimulatory Effect of Gold Nanoparticles Conjugated with Transmissible Gastroenteritis Virus. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 151, 436-9.	0.3	46
4	Immunogenic Properties of Colloidal Gold. <i>Biology Bulletin</i> , 2004, 31, 75-79.	0.1	43
5	Quantitative cell bioimaging using gold-nanoshell conjugates and phage antibodies. <i>Journal of Biophotonics</i> , 2011, 4, 74-83.	1.1	29
6	Adjuvant properties of gold nanoparticles. <i>Nanotechnologies in Russia</i> , 2010, 5, 748-761.	0.7	28
7	Prospects for the use of spherical gold nanoparticles in immunization. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 437-447.	1.7	27
8	New types of nanomaterials: powders of gold nanospheres, nanorods, nanostars, and gold-silver nanocages. <i>Nanotechnologies in Russia</i> , 2013, 8, 209-219.	0.7	22
9	Obtaining phage mini-antibodies and using them for detection of microbial cells with an electroacoustic sensor. <i>Biophysics (Russian Federation)</i> , 2012, 57, 336-342.	0.2	21
10	Use of a synthetic foot-and-mouth disease virus peptide conjugated to gold nanoparticles for enhancing immunological response. <i>Gold Bulletin</i> , 2015, 48, 93-101.	1.1	20
11	Preparation and in vivo evaluation of glyco-gold nanoparticles carrying synthetic mycobacterial hexaarabinofuranoside. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 480-493.	1.5	16
12	The biological acoustic sensor to record the interactions of the microbial cells with the phage antibodies in conducting suspensions. <i>Talanta</i> , 2018, 178, 569-576.	2.9	15
13	Electro-acoustic sensor for the real-time identification of the bacteriophages. <i>Talanta</i> , 2018, 178, 743-750.	2.9	13
14	Determination of the spectrum of lytic activity of bacteriophages by the method of acoustic analysis. <i>Biophysics (Russian Federation)</i> , 2015, 60, 592-597.	0.2	11
15	Biodynamic parameters of micellar diminazene in sheep erythrocytes and blood plasma. <i>Journal of Veterinary Science</i> , 2011, 12, 303.	0.5	10
16	Progress in the use of an electro-optical sensor for virus detection. <i>Optics Communications</i> , 2020, 465, 125605.	1.0	10
17	PREPARATION OF MINIANTIBODIES TO <i>Azospirillum brasilense</i> Sp245 SURFACE ANTIGENS AND THEIR USE FOR BACTERIAL DETECTION. <i>Journal of Immunoassay and Immunochemistry</i> , 2012, 33, 115-127.	0.5	8
18	Application of the method of electro-acoustical analysis for the detection of bacteriophages in a liquid phase. <i>Biophysics (Russian Federation)</i> , 2016, 61, 52-58.	0.2	8

#	ARTICLE	IF	CITATIONS
19	Synthesis of silymarinâselenium nanoparticle conjugate and examination of its biological activity in vitro. ADMET and DMPK, 2021, 9, 255-266.	1.1	8
20	Obtainment of Polyclonal Antibodies to Clenbuterol with the Use of Colloidal Gold. Immunopharmacology and Immunotoxicology, 2007, 29, 563-568.	1.1	7
21	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
22	Synthesis of Silymarin-Gold Nanoparticle Conjugate and Analysis of its Liver-Protecting Activity. Current Pharmaceutical Biotechnology, 2021, 22, 2001-2007.	0.9	7
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	Immunodetection of bacteriophages by a piezoelectric resonator with lateral electric field. Applied Biochemistry and Microbiology, 2016, 52, 457-463.	0.3	6
25	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
26	Use of mini-antibodies for detection of bacteriophages by the electroacoustic analysis method. Biophysics (Russian Federation), 2017, 62, 373-384.	0.2	6
27	Acoustical Slot Mode Sensor for the Rapid Coronaviruses Detection. Sensors, 2021, 21, 1822.	2.1	6
28	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
29	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
30	Preparation of polyclonal antibodies to diminazene and its detection in animal blood plasma. International Immunopharmacology, 2008, 8, 1418-1422.	1.7	5
31	Plasmon-resonant gold nanoparticles with variable morphology as optical labels and drug carriers for cytological research. , 2013, , .		5
32	Effect of M2e peptideâgold nanoparticle conjugates on development of anti-influenza antibodies. Gold Bulletin, 2018, 51, 197-203.	1.1	4
33	Analytical and Theranostic Applications of Gold Nanoparticles and Multifunctional Nanocomposites: Erratum. Theranostics, 2013, 3, 1012-1012.	4.6	3
34	Gold nanoparticle-aided preparation of antibodies to \pm -methylacyl-CoA racemase and its immunochemical detection. Gold Bulletin, 2016, 49, 87-94.	1.1	3
35	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
36	Electro-optical Study of the Exposure of <i>Azospirillum brasilense</i> Carbohydrate Epitopes. Journal of Immunoassay and Immunochemistry, 2015, 36, 379-386.	0.5	1

#	ARTICLE	IF	CITATIONS
37	<title>The adjuvanticity of gold nanoparticles</title>. , 2006, , .		0
38	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