Tzonka Godjevargova

List of Publications by Year
in descending order

52 papers	847 citations	430874 18 h-index	526287 27 g-index
52 all docs	52 docs citations	52 times ranked	1140 citing authors

#	Article	IF	Citations
1	Magnetic Nanoparticle Based Immunofluorescence Assay for the Determination of Aflatoxin B1. Journal of Analytical Chemistry, 2021, 76, 80-88.	0.9	0
2	Fluorescent Immunoassay for Determination of Staphylococcal Enterotoxin A in Milk by Immobilized F(ab')2 Fragment of Anti-enterotoxin A Monoclonal Antibody. Food Analytical Methods, 2021, 14, 1885-1894.	2.6	1
3	Simultaneous determination of ochratoxin A and enterotoxin A in milk by magnetic nanoparticles based fluorescent immunoassay. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1218-1236.	2.3	5
4	Simultaneous enumeration of CD34+ and CD45+ cells using EasyCounter image cytometer. Analytical Biochemistry, 2021, 632, 114351.	2.4	1
5	CD34+ stem cell counting using labeled immobilized anti-CD34 antibody onto magnetic nanoparticles and EasyCounter BC image cytometer. Analytical Biochemistry, 2020, 610, 113929.	2.4	4
6	Magnetic Nanoparticle-Based Fluorescence Immunoassay for Determination of Ochratoxin A in Milk. Food Analytical Methods, 2020, 13, 2238-2248.	2.6	7
7	Simultaneous Determination of Penicillin G and Chloramphenicol in Milk by a Magnetic Nanoparticle-Based Fluorescent Immunoassay. Open Biotechnology Journal, 2020, 14, 59-69.	1.2	2
8	Aflatoxin B1 Determination in Peanuts by Magnetic Nanoparticleâ€“Based Immunofluorescence Assay. Food Analytical Methods, 2019, 12, 1456-1465.	2.6	6
9	Brewing yeast viability measured using a novel fluorescent dye and image cytometer. Biotechnology and Biotechnological Equipment, 2019, 33, 548-558.	1.3	11
10	Rapid immunofluorescence assay for staphylococcal enterotoxin A using magnetic nanoparticles. International Journal of Food Science and Technology, 2019, 54, 916-922.	2.7	12
11	Immunofluorescence Assay Using Monoclonal and Polyclonal Antibodies for Detection of Staphylococcal Enterotoxins A in Milk. Open Biotechnology Journal, 2019, 13, 137-145.	1.2	5
12	Comparison between direct and indirect immunofluorescence method for determination of somatic cell count. Chemical Papers, 2018, 72, 1861-1867.	2.2	7
13	Magnetic nanoparticleâ€based fluorescent immunoassay for determination of progesterone in milk. International Journal of Dairy Technology, 2018, 71, 309-320.	2.8	6
14	Magnetic-nanoparticles-based fluorescent immunoassay for individual and simultaneous determination of dichlorvos and paraoxon in milk. Food and Agricultural Immunology, 2018, 29, 228-243.	1.4	6
15	Influence of different nanoparticles on electrochemical behavior of glucose biosensor. AIP Conference Proceedings, 2017, , .	0.4	2
16	Determination of Aflatoxin M1 in Milk by a Magnetic Nanoparticle-Based Fluorescent Immunoassay. Analytical Letters, 2017, 50, 452-469.	1.8	11
17	Enzyme-linked immunosorbent assay for determination of aflatoxin M1 based on magnetic nanoparticles. AIP Conference Proceedings, 2017, , .	0.4	0
18	Multiplex fluorescent immunoassay device based on magnetic nanoparticles. AIP Conference Proceedings, 2017, , .	0.4	0

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19	Immunofluorescence microscope assay of neutrophils and somatic cells in bovine milk. Food and Agricultural Immunology, 2017, 28, 1196-1210.	1.4	10
20	Preparation of Polyclonal Antibodies with Application for an Organophosphorus Pesticide Immunoassay. Analytical Letters, 2017, 50, 1307-1324.	1.8	7
21	Hydrolysis of whey lactose by immobilized Î²-galactosidase in a bioreactor with a spirally wound membrane. International Journal of Biological Macromolecules, 2016, 82, 339-346.	7.5	35
22	Sensitive Progesterone Determination Using a Magnetic Particle-Based Enzyme-Linked Immunosorbent Assay. Analytical Letters, 2015, 48, 843-860.	1.8	12
23	Evaluation of Immobilization Techniques for the Fabrication of Nanomaterial-Based Amperometric Glucose Biosensors. Analytical Letters, 2015, 48, 1297-1310.	1.8	6
24	Fluorescent immunoassay for determination of penicillin and sulphonamide residues in milk using carboxylic magnetic nanoparticles. International Journal of Dairy Technology, 2014, 67, 521-529.	2.8	4
25	Screening and production of a potent extracellular Arthrobacter creatinolyticus urease for determination of heavy metal ions. Journal of Basic Microbiology, 2014, 54, 285-295.	3.3	10
26	Self-assembly of acetylcholinesterase on gold nanoparticles electrodeposited on graphite. Open Chemistry, 2013, 11, 1740-1748.	1.9	6
27	Biodegradation of Phenol and Phenolic Derivatives by a Mixture of Immobilized Cells ofAspergillus AwamoriandTrichosporon Cutaneum. Biotechnology and Biotechnological Equipment, 2013, 27, 3681-3688.	1.3	14
28	Influence of different nanozeolite particles on the sensitivity of a glucose biosensor. Analytical Biochemistry, 2013, 439, 65-72.	2.4	17
29	Immunofluorescent Analysis with Magnetic Nanoparticles for Simultaneous Determination of Antibiotic Residues in Milk. Analytical Letters, 2013, 46, 1537-1552.	1.8	20
30	Urea Amperometric Biosensors Based on Nanostructured Polypyrrole and Poly Ortho-Phenylenediamine. Open Journal of Applied Biosensor, 2013, 02, 12-19.	1.6	13
31	Flow-Injection System with Site-Specific Immobilization of Acetylcholinesterase Biosensor for Amperometric Detection of Organophosphate Pesticides. Biotechnology and Biotechnological Equipment, 2012, 26, 3044-3053.	1.3	9
32	Immobilization of Î²-galactosidase on modified polypropilene membranes. International Journal of Biological Macromolecules, 2012, 51, 710-719.	7.5	18
33	Immobilization of urease on nanostructured polymer membrane and preparation of urea amperometric biosensor. International Journal of Biological Macromolecules, 2011, 48, 620-626.	7.5	42
34	Amperometric inhibition-based detection of organophosphorus pesticides in unary and binary mixtures employing flow-injection analysis. Sensors and Actuators B: Chemical, 2011, 160, 1098-1105.	7.8	19
35	Influence of Cu2+on the Amino Acids Profile ofSaccharomyces cerevisiaeRD1 during Growth. Bioremediation Journal, 2011, 15, 35-38.	2.0	0
36	New amperometric glucose biosensor based on cross-linking of glucose oxidase on silica gel/multiwalled carbon nanotubes/polyacrylonitrile nanocomposite film. Sensors and Actuators B: Chemical, 2010, 148, 59-65.	7.8	61

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37	Amperometric acetylthiocholine sensor based on acetylcholinesterase immobilized on nanostructured polymer membrane containing gold nanoparticles. Journal of Molecular Catalysis B: Enzymatic, 2010, 62, 66-74.	1.8	45
38	Amperometric biosensor based on a site-specific immobilization of acetylcholinesterase via affinity bonds on a nanostructured polymer membrane with integrated multiwall carbon nanotubes. Journal of Molecular Catalysis B: Enzymatic, 2010, 63, 141-148.	1.8	53
39	Electrospun Polyacrylonitrile Nanofibrous Membranes Tailored for Acetylcholinesterase Immobilization. Journal of Bioactive and Compatible Polymers, 2010, 25, 40-57.	2.1	26
40	Optimum immobilization of urease on modified acrylonitrile copolymer membranes: Inactivation by heavy metal ions. Journal of Molecular Catalysis B: Enzymatic, 2009, 60, 69-75.	1.8	17
41	Application of immobilized horseradish peroxidase onto modified acrylonitrile copolymer membrane in removing of phenol from water. International Journal of Biological Macromolecules, 2009, 44, 190-194.	7.5	52
42	Immobilization of acetylcholinesterase on nanostructure polyacrylonitrile membranes. International Journal of Biological Macromolecules, 2009, 44, 338-345.	7.5	23
43	Immobilization of acetylcholinesterase on new modified acrylonitrile copolymer membranes. Journal of Molecular Catalysis B: Enzymatic, 2008, 55, 169-176.	1.8	21
44	The influence of the support nature on the kinetics parameters, inhibition constants and reactivation of immobilized acetylcholinesterase. International Journal of Biological Macromolecules, 2008, 43, 339-345.	7.5	37
45	Poly(acrylonitrile)chitosan composite membranes for urease immobilization. Journal of Biotechnology, 2007, 129, 674-680.	3.8	39
46	Pore diffusion studies with immobilized glucose oxidase plus catalase membranes. Enzyme and Microbial Technology, 2006, 39, 1313-1318.	3.2	18
47	Immobilization of glucose oxidase by acrylonitrile copolymer coated silica supports. Journal of Molecular Catalysis B: Enzymatic, 2006, 38, 59-64.	1.8	22
48	Polyacrylonitrile Enzyme Ultrafiltration and Polyamide Enzyme Microfiltration Membranes Prepared by Diffusion and Convection. Macromolecular Bioscience, 2005, 5, 222-228.	4.1	13
49	Kinetic Parameters of Urease Immobilized on Modified Acrylonitrile Copolymer Membranes in the Presence and Absence of Cu(II) Ions. Macromolecular Bioscience, 2005, 5, 459-466.	4.1	20
50	Covalent Immobilization of Glucose Oxidase onto New Modified Acrylonitrile Copolymer/Silica Gel Hybrid Supports. Macromolecular Bioscience, 2005, 5, 760-766.	4.1	21
51	Immobilization of urease on cation-exchange membranes prepared by radiation-initiated graft copolymerization of acrylic acid on polyethene thin films. Polymer Bulletin, 2005, 55, 467-475.	3.3	4
52	Gluconic Acid Production in Bioreactor with Immobilized Glucose Oxidase Plus Catalase on Polymer Membrane Adjacent to Anion-Exchange Membrane. Macromolecular Bioscience, 2004, 4, 950-956.	4.1	47