Anna L. Kaysheva

List of Publications by Year
in descending order

71	719	623188	676716
papers	citations	14 h-index	22 g-index

76	76	76	606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dried Blood Spot in Laboratory: Directions and Prospects. Diagnostics, 2020, 10, 248.	1.3	54
2	Biobanksâ€"A Platform for Scientific and Biomedical Research. Diagnostics, 2020, 10, 485.	1.3	42
3	Detection of Hepatitis C Virus Core Protein in Serum Using Aptamer-Functionalized AFM Chips. Micromachines, 2019, 10, 129.	1.4	41
4	Sports Nutrition: Diets, Selection Factors, Recommendations. Nutrients, 2021, 13, 3771.	1.7	36
5	Food Intolerance: The Role of Histamine. Nutrients, 2021, 13, 3207.	1.7	35
6	Detection of marker miRNAs in plasma using SOI-NW biosensor. Sensors and Actuators B: Chemical, 2018, 261, 566-571.	4.0	31
7	Revelation of Proteomic Indicators for Colorectal Cancer in Initial Stages of Development. Molecules, 2020, 25, 619.	1.7	31
8	A SOI-nanowire biosensor for the multiple detection of D-NFATc1 protein in the serum. Analytical Methods, 2015, 7, 8078-8085.	1.3	27
9	The detection of hepatitis c virus core antigen using afm chips with immobolized aptamers. Journal of Virological Methods, 2018, 251, 99-105.	1.0	21
10	Highly sensitive protein detection by combination of atomic force microscopy fishing with charge generation and mass spectrometry analysis. FEBS Journal, 2014, 281, 4705-4717.	2.2	20
11	Pharmacogenetic Testing: A Tool for Personalized Drug Therapy Optimization. Pharmaceutics, 2020, 12, 1240.	2.0	20
12	Detection of hepatitis C virus core protein in serum by atomic force microscopy combined with mass spectrometry. International Journal of Nanomedicine, 2015, 10, 1597.	3.3	16
13	Atomic force microscopy fishing and mass spectrometry identification of gp120 on immobilized aptamers. International Journal of Nanomedicine, 2014, 9, 4659.	3.3	15
14	Serologic Markers of Autism Spectrum Disorder. Journal of Molecular Neuroscience, 2017, 62, 420-429.	1.1	15
15	Diversity of Plant Sterols Metabolism: The Impact on Human Health, Sport, and Accumulation of Contaminating Sterols. Nutrients, 2021, 13, 1623.	1.7	15
16	AFM-based technologies as the way towards the reverse Avogadro number. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2015, 9, 244-257.	0.2	13
17	Highly sensitive protein detection by biospecific <scp>AFM</scp>â€based fishing with pulsed electrical stimulation. FEBS Open Bio, 2017, 7, 1186-1195.	1.0	13
18	Super Secondary Structures of Proteins with Post-Translational Modifications in Colon Cancer. Molecules, 2020, 25, 3144.	1.7	13

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19	Registration of the protein with compact disk. Biosensors and Bioelectronics, 2013, 43, 384-390.	5.3	12
20	Molecular pathophysiology of diabetes mellitus during pregnancy with antenatal complications. Scientific Reports, 2020, 10, 19641.	1.6	12
21	Advantages of aptamers as ligands upon protein detection by AFM-based fishing. Analytical Methods, 2017, 9, 6049-6060.	1.3	11
22	Ultrasensitive nanowire-based detection of HCVcoreAg in the serum using a microwave generator. Analytical Methods, 2018, 10, 2740-2749.	1.3	11
23	AFM-based protein fishing in the pulsed electric field. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2015, 9, 121-129.	0.2	10
24	Relative Abundance of Proteins in Blood Plasma Samples from Patients with Chronic Cerebral Ischemia. Journal of Molecular Neuroscience, 2018, 64, 440-448.	1.1	10
25	Convolutional neural network in proteomics and metabolomics for determination of comorbidity between cancer and schizophrenia. Journal of Biomedical Informatics, 2021, 122, 103890.	2.5	10
26	Molecular Modeling Insights into Upadacitinib Selectivity upon Binding to JAK Protein Family. Pharmaceuticals, 2022, 15, 30.	1.7	10
27	Affinity chromatography of GroEL chaperonin based on denatured proteins: Role of electrostatic interactions in regulation of GroEL affinity for protein substrates. Biochemistry (Moscow), 2006, 71, 1357-1364.	0.7	8
28	The role of proteins of the outer membrane of Shewanella oneidensis MR-1 in the formation and stabilization of silver sulfide nanoparticles. Applied Biochemistry and Microbiology, 2016, 52, 769-775.	0.3	8
29	Proteomic Analysis of Cerebral Cortex Extracts from Sus scrofa with Induced Hemorrhagic Stroke. Journal of Molecular Neuroscience, 2018, 65, 28-34.	1.1	8
30	Proteomic analysis of blood serum protein profiles in children with autism. Voprosy Prakticheskoi Pediatrii, 2016, 11, 12-17.	0.0	8
31	Visualization and identification of hepatitis C viral particles by atomic force microscopy combined with MS/MS analysis. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2010, 4, 15-24.	0.2	7
32	SOI-nanowire biosensor for detection of D-NFATc1 protein. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2014, 8, 220-225.	0.2	7
33	Association of Proteins Modulating Immune Response and Insulin Clearance during Gestation with Antenatal Complications in Patients with Gestational or Type 2 Diabetes Mellitus. Cells, 2020, 9, 1032.	1.8	7
34	Proteomic and molecular dynamic investigations of PTM-induced structural fluctuations in breast and ovarian cancer. Scientific Reports, 2021, 11, 19318.	1.6	7
35	Immuno-MALDI MS dataset for improved detection of HCVcoreAg in sera. Data in Brief, 2019, 25, 104240.	0.5	6
36	Molecular Portrait of an Athlete. Diagnostics, 2021, 11, 1095.	1.3	6

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37	Current Approaches in Supersecondary Structures Investigation. International Journal of Molecular Sciences, 2021, 22, 11879.	1.8	6
38	Atomic force microscopy fishing of GP120 on immobilized aptamers and its mass spectrometry identification. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2014, 8, 115-124.	0.2	5
39	Mass spectrometric detection of the amino acid sequence polymorphism of the hepatitis C virus antigen. Journal of Virological Methods, 2016, 229, 86-90.	1.0	5
40	Quantitative assessment of betamethasone dual-acting formulation in urine of patients with rheumatoid arthritis and ankylosing spondylitis after single-dose intramuscular administration and its application to long-term pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 278-289.	1.4	5
41	Covalent Protein Immobilization onto Muscovite Mica Surface with a Photocrosslinker. Minerals (Basel, Switzerland), 2020, 10, 464.	0.8	5
42	Optical Monitoring of the Production Quality of Si-Nanoribbon Chips Intended for the Detection of ASD-Associated Oligonucleotides. Micromachines, 2021, 12, 147.	1.4	5
43	Use of the Molecular Dynamics Method to Investigate the Stability of Î±-Î±-Corner Structural Motifs in Proteins. Symmetry, 2021, 13, 1193.	1.1	5
44	Pilot data of serum proteins from children with autism spectrum disorders. Data in Brief, 2019, 27, 104558.	0.5	4
45	Comparative Analysis of Blood Plasma Proteome in Patients with Renal Cell Carcinoma. Bulletin of Experimental Biology and Medicine, 2019, 167, 91-96.	0.3	4
46	Molecular Dynamics Study of Citrullinated Proteins Associated with the Development of Rheumatoid Arthritis. Proteomes, 2022, 10, 8.	1.7	4
47	Stability of Plasma Protein Composition in Dried Blood Spot during Storage. Processes, 2020, 8, 1500.	1.3	3
48	Mass Spectrometric Identification of Proteins Enhanced by the Atomic Force Microscopy Immobilization Surface. International Journal of Molecular Sciences, 2021, 22, 431.	1.8	3
49	Severe types of fetopathy are associated with changes in the serological proteome of diabetic mothers. Medicine (United States), 2021, 100, e27829.	0.4	3
50	Managing of Unassigned Mass Spectrometric Data by Neural Network for Cancer Phenotypes Classification. Journal of Personalized Medicine, 2021, 11, 1288.	1.1	3
51	Combination of atomic force microscopy and mass spectrometry for the detection of target protein in the serum samples of children with autism spectrum disorders. IOP Conference Series: Materials Science and Engineering, 2017, 256, 012015.	0.3	2
52	Proteome dataset of mouse macrophage cell line infected with tick-borne encephalitis virus. Data in Brief, 2020, 28, 105029.	0.5	2
53	MAPK and Notch-Mediated Effects of Meso-Xanthin F199 Compounds on Proliferative Activity and Apoptosis of Human Melanocytes in Three-Dimensional Culture. BioMed Research International, 2021, 2021, 1-16.	0.9	2
54	Changes in Protein Structural Motifs upon Post-Translational Modification in Kidney Cancer. Diagnostics, 2021, 11, 1836.	1.3	2

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55	Metabolomic Markers for Predicting Preeclampsia in the First Trimester of Pregnancy: A Retrospective Study. Molecules, 2022, 27, 2475.	1.7	2
56	Productive and non-productive complexes in cytochrome P450-containing systems. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2009, 3, 183-197.	0.2	1
57	Proteome data of serum samples from patients with schizophrenia. Data in Brief, 2020, 29, 105338.	0.5	1
58	Panoramic mass spectrometry: identification of candidate protein markers of ovarian cancer in blood plasma. Voprosy Ginekologii, Akusherstva I Perinatologii, 2018, 17, 5-13.	0.1	1
59	Detection of Circulating Serum microRNA/Protein Complexes in ASD Using Functionalized Chips for an Atomic Force Microscope. Molecules, 2021, 26, 5979.	1.7	1
60	Autism spectrum disorders. Prognostic and diagnostic factors. Voprosy Prakticheskoi Pediatrii, 2017, 12, 35-43.	0.0	1
61	Dataset concerning GroEL chaperonin interaction with proteins. Data in Brief, 2016, 6, 619-624.	0.5	0
62	Mass Spectrometry Profiling of the Protein Composition of Blood Plasma of Colorectal Cancer Patients. Bulletin of the Lebedev Physics Institute, 2018, 45, 279-281.	0.1	0
63	AFM-MS for Protein Analysis of Plasma Samples of Patients with Ovarian Cancer. Bulletin of the Lebedev Physics Institute, 2019, 46, 267-271.	0.1	0
64	Mass spectrometry detection of an isotype of hepatitis C virus core antigen. Infektsionnye Bolezni, 2016, 14, 51-55.	0.2	0
65	Development of Russian market for postgenome technologies. Siberian Journal of Oncology, 2019, 17, 7-14.	0.1	0
66	Yin-yang genes in cancer, schizophrenia, and autism spectrum disorders. Voprosy Prakticheskoi Pediatrii, 2019, 14, 37-46.	0.0	0
67	Genome editing: current development trends. Voprosy Prakticheskoi Pediatrii, 2019, 14, 13-21.	0.0	0
68	Changes in the protein profile of macrophages infected by tick-borne encephalitis virus. Infektsionnye Bolezni, 2019, 17, 49-54.	0.2	0
69	Development of a Database of Two-Helical Motifs of Protein Molecules and Computational Services for Their Analysis. , 0, , .		0
70	Analysis of Protein Molecule Structure with Post-Translational Modifications in Oncopathology. , 0, , .		0
71	Determination of Specific IgG to Identify Possible Food Intolerance in Athletes Using ELISA. Data, 2021, 6, 122.	1.2	0