

# Kristina A Malsagova

## List of Publications by Year in descending order

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51  
papers

746  
citations

687220

13  
h-index

610775

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g-index

53  
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docs citations

53  
times ranked

535  
citing authors

#	ARTICLE	IF	CITATIONS
1	“Silicon-On-Insulator”-Based Nanosensor for the Revelation of MicroRNA Markers of Autism. <i>Genes</i> , 2022, 13, 199.	1.0	3
2	Molecular Dynamics Study of Citrullinated Proteins Associated with the Development of Rheumatoid Arthritis. <i>Proteomes</i> , 2022, 10, 8.	1.7	4
3	Radiothermometric Study of the Effect of Amino Acid Mutation on the Characteristics of the Enzymatic System. <i>Diagnostics</i> , 2022, 12, 943.	1.3	1
4	Mass Spectrometric Identification of Proteins Enhanced by the Atomic Force Microscopy Immobilization Surface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 431.	1.8	3
5	Optical Monitoring of the Production Quality of Si-Nanoribbon Chips Intended for the Detection of ASD-Associated Oligonucleotides. <i>Micromachines</i> , 2021, 12, 147.	1.4	5
6	Raman Spectroscopy-Based Quality Control of “Silicon-On-Insulator”-Nanowire Chips for the Detection of Brain Cancer-Associated MicroRNA in Plasma. <i>Sensors</i> , 2021, 21, 1333.	2.1	5
7	Detection of Influenza Virus Using a SOI-Nanoribbon Chip, Based on an N-Type Field-Effect Transistor. <i>Biosensors</i> , 2021, 11, 119.	2.3	6
8	Diversity of Plant Sterols Metabolism: The Impact on Human Health, Sport, and Accumulation of Contaminating Sterols. <i>Nutrients</i> , 2021, 13, 1623.	1.7	15
9	Molecular Portrait of an Athlete. <i>Diagnostics</i> , 2021, 11, 1095.	1.3	6
10	Micro-Raman Characterization of Structural Features of High-k Stack Layer of SOI Nanowire Chip, Designed to Detect Circular RNA Associated with the Development of Glioma. <i>Molecules</i> , 2021, 26, 3715.	1.7	6
11	The Concept of Folic Acid in Health and Disease. <i>Molecules</i> , 2021, 26, 3731.	1.7	76
12	Use of Silicon Nanowire Sensors for Early Cancer Diagnosis. <i>Molecules</i> , 2021, 26, 3734.	1.7	16
13	Nanoribbon-Based Electronic Detection of a Glioma-Associated Circular miRNA. <i>Biosensors</i> , 2021, 11, 237.	2.3	11
14	Aptamer-Sensitized Nanoribbon Biosensor for Ovarian Cancer Marker Detection in Plasma. <i>Chemosensors</i> , 2021, 9, 222.	1.8	4
15	Food Intolerance: The Role of Histamine. <i>Nutrients</i> , 2021, 13, 3207.	1.7	35
16	Proteomic and molecular dynamic investigations of PTM-induced structural fluctuations in breast and ovarian cancer. <i>Scientific Reports</i> , 2021, 11, 19318.	1.6	7
17	Convolutional neural network in proteomics and metabolomics for determination of comorbidity between cancer and schizophrenia. <i>Journal of Biomedical Informatics</i> , 2021, 122, 103890.	2.5	10
18	Sports Nutrition: Diets, Selection Factors, Recommendations. <i>Nutrients</i> , 2021, 13, 3771.	1.7	36

#	ARTICLE	IF	CITATIONS
19	Changes in Protein Structural Motifs upon Post-Translational Modification in Kidney Cancer. <i>Diagnostics</i> , 2021, 11, 1836.	1.3	2
20	Current Approaches in Supersecondary Structures Investigation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11879.	1.8	6
21	Determination of Specific IgG to Identify Possible Food Intolerance in Athletes Using ELISA. <i>Data</i> , 2021, 6, 122.	1.2	0
22	Nanoribbon Biosensor in the Detection of miRNAs Associated with Colorectal Cancer. <i>Micromachines</i> , 2021, 12, 1581.	1.4	5
23	Managing of Unassigned Mass Spectrometric Data by Neural Network for Cancer Phenotypes Classification. <i>Journal of Personalized Medicine</i> , 2021, 11, 1288.	1.1	3
24	Super Secondary Structures of Proteins with Post-Translational Modifications in Colon Cancer. <i>Molecules</i> , 2020, 25, 3144.	1.7	13
25	Stability of Plasma Protein Composition in Dried Blood Spot during Storage. <i>Processes</i> , 2020, 8, 1500.	1.3	3
26	Biobanks – A Platform for Scientific and Biomedical Research. <i>Diagnostics</i> , 2020, 10, 485.	1.3	42
27	Nanowire Aptamer-Sensitized Biosensor Chips with Gas Plasma-Treated Surface for the Detection of Hepatitis C Virus Core Antigen. <i>Coatings</i> , 2020, 10, 753.	1.2	25
28	Highly Sensitive Detection of CA 125 Protein with the Use of an n-Type Nanowire Biosensor. <i>Biosensors</i> , 2020, 10, 210.	2.3	12
29	Pharmacogenetic Testing: A Tool for Personalized Drug Therapy Optimization. <i>Pharmaceutics</i> , 2020, 12, 1240.	2.0	20
30	SOI-Nanowire Biosensor for the Detection of Glioma-Associated miRNAs in Plasma. <i>Chemosensors</i> , 2020, 8, 95.	1.8	15
31	Dried Blood Spot in Laboratory: Directions and Prospects. <i>Diagnostics</i> , 2020, 10, 248.	1.3	54
32	Proteome data of serum samples from patients with schizophrenia. <i>Data in Brief</i> , 2020, 29, 105338.	0.5	1
33	Revelation of Proteomic Indicators for Colorectal Cancer in Initial Stages of Development. <i>Molecules</i> , 2020, 25, 619.	1.7	31
34	The Registration of a Biomaser-Like Effect in an Enzyme System with an RTM Sensor. <i>Journal of Sensors</i> , 2019, 2019, 1-11.	0.6	7
35	Detection of Marker miRNAs, Associated with Prostate Cancer, in Plasma Using SOI-NW Biosensor in Direct and Inversion Modes. <i>Sensors</i> , 2019, 19, 5248.	2.1	19
36	AFM-MS for Protein Analysis of Plasma Samples of Patients with Ovarian Cancer. <i>Bulletin of the Lebedev Physics Institute</i> , 2019, 46, 267-271.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Yin-yang genes in cancer, schizophrenia, and autism spectrum disorders. <i>Voprosy Prakticheskoi Pediatrii</i> , 2019, 14, 37-46.	0.0	0
38	Genome editing: current development trends. <i>Voprosy Prakticheskoi Pediatrii</i> , 2019, 14, 13-21.	0.0	0
39	Detection of marker miRNAs in plasma using SOI-NW biosensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 566-571.	4.0	31
40	Ultrasensitive Detection of 2,4-Dinitrophenol Using Nanowire Biosensor. <i>Journal of Nanotechnology</i> , 2018, 2018, 1-6.	1.5	11
41	Micro-Raman Spectroscopy for Monitoring of Deposition Quality of High-k Stack Protective Layer onto Nanowire FET Chips for Highly Sensitive miRNA Detection. <i>Biosensors</i> , 2018, 8, 72.	2.3	13
42	Ultrasensitive nanowire-based detection of HCVcoreAg in the serum using a microwave generator. <i>Analytical Methods</i> , 2018, 10, 2740-2749.	1.3	11
43	Highly sensitive protein detection by biospecific <sc>AFM</sc>-based fishing with pulsed electrical stimulation. <i>FEBS Open Bio</i> , 2017, 7, 1186-1195.	1.0	13
44	Monitoring of microwave emission of HRP system during the enzyme functioning. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 20-25.	0.7	11
45	Detection of microwave radiation of cytochrome CYP102 A1 solution during the enzyme reaction. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 285-289.	0.7	7
46	AFM-based technologies as the way towards the reverse Avogadro number. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2015, 9, 244-257.	0.2	13
47	AFM-based protein fishing in the pulsed electric field. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2015, 9, 121-129.	0.2	10
48	A SOI-nanowire biosensor for the multiple detection of D-NFATc1 protein in the serum. <i>Analytical Methods</i> , 2015, 7, 8078-8085.	1.3	27
49	SOI-nanowire biosensor for detection of D-NFATc1 protein. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2014, 8, 220-225.	0.2	7
50	Highly sensitive protein detection by combination of atomic force microscopy fishing with charge generation and mass spectrometry analysis. <i>FEBS Journal</i> , 2014, 281, 4705-4717.	2.2	20
51	SOI nanowire for the high-sensitive detection of HBsAg and $\hat{I}\pm$ -fetoprotein. <i>Lab on A Chip</i> , 2012, 12, 5104.	3.1	55