# Kristina A Malsagova

List of Publications by Year
in descending order



| 51 | 746 | 687220 13 | 610775 24 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 53 | 53 | 53 | 535 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Concept of Folic Acid in Health and Disease. Molecules, 2021, 26, 3731. | 1.7 | 76 |
| 2 | SOI nanowire for the high-sensitive detection of HBsAg and Î±-fetoprotein. Lab on A Chip, 2012, 12, 5104. | 3.1 | 55 |
| 3 | Dried Blood Spot in Laboratory: Directions and Prospects. Diagnostics, 2020, 10, 248. | 1.3 | 54 |
| 4 | Biobanksâ€"A Platform for Scientific and Biomedical Research. Diagnostics, 2020, 10, 485. | 1.3 | 42 |
| 5 | Sports Nutrition: Diets, Selection Factors, Recommendations. Nutrients, 2021, 13, 3771. | 1.7 | 36 |
| 6 | Food Intolerance: The Role of Histamine. Nutrients, 2021, 13, 3207. | 1.7 | 35 |
| 7 | Detection of marker miRNAs in plasma using SOI-NW biosensor. Sensors and Actuators B: Chemical, 2018, 261, 566-571. | 4.0 | 31 |
| 8 | Revelation of Proteomic Indicators for Colorectal Cancer in Initial Stages of Development. Molecules, 2020, 25, 619. | 1.7 | 31 |
| 9 | A SOI-nanowire biosensor for the multiple detection of D-NFATc1 protein in the serum. Analytical Methods, 2015, 7, 8078-8085. | 1.3 | 27 |
| 10 | Nanowire Aptamer-Sensitized Biosensor Chips with Gas Plasma-Treated Surface for the Detection of Hepatitis C Virus Core Antigen. Coatings, 2020, 10, 753. | 1.2 | 25 |
| 11 | 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 |
| 12 | Pharmacogenetic Testing: A Tool for Personalized Drug Therapy Optimization. Pharmaceutics, 2020, 12, 1240. | 2.0 | 20 |
| 13 | Detection of Marker miRNAs, Associated with Prostate Cancer, in Plasma Using SOI-NW Biosensor in Direct and Inversion Modes. Sensors, 2019, 19, 5248. | 2.1 | 19 |
| 14 | Use of Silicon Nanowire Sensors for Early Cancer Diagnosis. Molecules, 2021, 26, 3734. | 1.7 | 16 |
| 15 | SOI-Nanowire Biosensor for the Detection of Glioma-Associated miRNAs in Plasma. Chemosensors, 2020, 8, 95. | 1.8 | 15 |
| 16 | Diversity of Plant Sterols Metabolism: The Impact on Human Health, Sport, and Accumulation of Contaminating Sterols. Nutrients, 2021, 13, 1623. | 1.7 | 15 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Micro-Raman Spectroscopy for Monitoring of Deposition Quality of High-k Stack Protective Layer onto Nanowire FET Chips for Highly Sensitive miRNA Detection. Biosensors, 2018, 8, 72. | 2.3 | 13 |
| 20 | Super Secondary Structures of Proteins with Post-Translational Modifications in Colon Cancer. Molecules, 2020, 25, 3144. | 1.7 | 13 |
| 21 | Highly Sensitive Detection of CA 125 Protein with the Use of an n-Type Nanowire Biosensor. Biosensors, 2020, 10, 210. | 2.3 | 12 |
| 22 | Monitoring of microwave emission of HRP system during the enzyme functioning. Biochemistry and Biophysics Reports, 2016, 7, 20-25. | 0.7 | 11 |
| 23 | Ultrasensitive Detection of 2,4-Dinitrophenol Using Nanowire Biosensor. Journal of Nanotechnology, 2018, 2018, 1-6. | 1.5 | 11 |
| 24 | Ultrasensitive nanowire-based detection of HCVcoreAg in the serum using a microwave generator. Analytical Methods, 2018, 10, 2740-2749. | 1.3 | 11 |
| 25 | Nanoribbon-Based Electronic Detection of a Glioma-Associated Circular miRNA. Biosensors, 2021, 11, 237. | 2.3 | 11 |
| 26 | AFM-based protein fishing in the pulsed electric field. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2015, 9, 121-129. | 0.2 | 10 |
| 27 | 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 |
| 28 | SOI-nanowire biosensor for detection of D-NFATc1 protein. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2014, 8, 220-225. | 0.2 | 7 |
| 29 | Detection of microwave radiation of cytochrome CYP102 A1 solution during the enzyme reaction. Biochemistry and Biophysics Reports, 2016, 5, 285-289. | 0.7 | 7 |
| 30 | The Registration of a Biomaser-Like Effect in an Enzyme System with an RTM Sensor. Journal of Sensors, 2019, 2019, 1-11. | 0.6 | 7 |
| 31 | Proteomic and molecular dynamic investigations of PTM-induced structural fluctuations in breast and ovarian cancer. Scientific Reports, 2021, 11, 19318. | 1.6 | 7 |
| 32 | Detection of Influenza Virus Using a SOI-Nanoribbon Chip, Based on an N-Type Field-Effect Transistor. Biosensors, 2021, 11, 119. | 2.3 | 6 |
| 33 | Molecular Portrait of an Athlete. Diagnostics, 2021, 11, 1095. | 1.3 | 6 |
| 34 | 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. Molecules, 2021, 26, 3715. | 1.7 | 6 |
| 35 | Current Approaches in Supersecondary Structures Investigation. International Journal of Molecular Sciences, 2021, 22, 11879. | 1.8 | 6 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Raman Spectroscopy-Based Quality Control of â€œSilicon-On-Insulatorâ€•Nanowire Chips for the Detection of Brain Cancer-Associated MicroRNA in Plasma. Sensors, 2021, 21, 1333. | 2.1 | 5 |
| 38 | Nanoribbon Biosensor in the Detection of miRNAs Associated with Colorectal Cancer. Micromachines, 2021, 12, 1581. | 1.4 | 5 |
| 39 | Aptamer-Sensitized Nanoribbon Biosensor for Ovarian Cancer Marker Detection in Plasma. Chemosensors, 2021, 9, 222. | 1.8 | 4 |
| 40 | Molecular Dynamics Study of Citrullinated Proteins Associated with the Development of Rheumatoid Arthritis. Proteomes, 2022, 10, 8. | 1.7 | 4 |
| 41 | Stability of Plasma Protein Composition in Dried Blood Spot during Storage. Processes, 2020, 8, 1500. | 1.3 | 3 |
| 42 | Mass Spectrometric Identification of Proteins Enhanced by the Atomic Force Microscopy Immobilization Surface. International Journal of Molecular Sciences, 2021, 22, 431. | 1.8 | 3 |
| 43 | â€œSilicon-On-Insulatorâ€•Based Nanosensor for the Revelation of MicroRNA Markers of Autism. Genes, 2022, 13, 199. | 1.0 | 3 |
| 44 | Managing of Unassigned Mass Spectrometric Data by Neural Network for Cancer Phenotypes Classification. Journal of Personalized Medicine, 2021, 11, 1288. | 1.1 | 3 |
| 45 | Changes in Protein Structural Motifs upon Post-Translational Modification in Kidney Cancer. Diagnostics, 2021, 11, 1836. | 1.3 | 2 |
| 46 | Proteome data of serum samples from patients with schizophrenia. Data in Brief, 2020, 29, 105338. | 0.5 | 1 |
| 47 | Radiothermometric Study of the Effect of Amino Acid Mutation on the Characteristics of the Enzymatic System. Diagnostics, 2022, 12, 943. | 1.3 | 1 |
| 48 | 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 |
| 49 | Yin-yang genes in cancer, schizophrenia, and autism spectrum disorders. Voprosy Prakticheskoi Pediatrii, 2019, 14, 37-46. | 0.0 | 0 |
| 50 | Genome editing: current development trends. Voprosy Prakticheskoi Pediatrii, 2019, 14, 13-21. | 0.0 | 0 |
| 51 | Determination of Specific IgG to Identify Possible Food Intolerance in Athletes Using ELISA. Data, 2021, 6, 122. | 1.2 | 0 |