

Marina V Serebryakova

List of Publications by Year in descending order

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159
papers

3,505
citations

126708

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174
docs citations

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times ranked

4131
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inhibitor of Hyaluronic Acid Synthesis 4-Methylumbelliferone Suppresses the Secretory Processes That Ensure the Invasion of Neutrophils into Tissues and Induce Inflammation. <i>Biomedicines</i> , 2022, 10, 314. | 1.4 | 4 |
| 2 | Complex of HIV-1 Integrase with Cellular Ku Protein: Interaction Interface and Search for Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2908. | 1.8 | 4 |
| 3 | Exploring Peptaibolâ€™s Profile, Antifungal, and Antitumor Activity of Emericellipsin A of Emericellopsis Species from Soda and Saline Soils. <i>Molecules</i> , 2022, 27, 1736. | 1.7 | 9 |
| 4 | S51 Family Peptidases Provide Resistance to Peptidyl-Nucleotide Antibiotic McC. <i>MBio</i> , 2022, 13, e0080522. | 1.8 | 0 |
| 5 | A Novel, NADH-Dependent Acrylate Reductase in <i>Vibrio harveyi</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, . | 1.4 | 5 |
| 6 | Recombinant Cathepsin L of <i>Tribolium castaneum</i> and Its Potential in the Hydrolysis of Immunogenic Gliadin Peptides. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7001. | 1.8 | 4 |
| 7 | Isolation and Characterization of a Novel Hydrophobin, Sa-HFB1, with Antifungal Activity from an Alkaliphilic Fungus, <i>Sodiomyces alkalinus</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 659. | 1.5 | 6 |
| 8 | The flavin transferase ApbE flavinylates the ferredoxin:NAD ⁺ -oxidoreductase Rnf required for N ₂ fixation in <i>Azotobacter vinelandii</i> . <i>FEMS Microbiology Letters</i> , 2021, 368, . | 0.7 | 6 |
| 9 | Neutrophil Adhesion and the Release of the Free Amino Acid Hydroxylysine. <i>Cells</i> , 2021, 10, 563. | 1.8 | 4 |
| 10 | NS1-mediated upregulation of ZDHHC22 acyltransferase in influenza A virus infected cells. <i>Cellular Microbiology</i> , 2021, 23, e13322. | 1.1 | 4 |
| 11 | Identification and characterization of andalusicin: N-terminally dimethylated class III lantibiotic from <i>Bacillus thuringiensis</i> sv. <i>andalousiensis</i> . <i>IScience</i> , 2021, 24, 102480. | 1.9 | 18 |
| 12 | Proteolytic degradation patterns of the receptor for advanced glycation end products peptide fragments correlate with their neuroprotective activity in Alzheimer's disease models. <i>Drug Development Research</i> , 2021, 82, 1217-1226. | 1.4 | 3 |
| 13 | Stearic acid blunts growth-factor signaling via oleoylation of GNAI proteins. <i>Nature Communications</i> , 2021, 12, 4590. | 5.8 | 18 |
| 14 | Inhibition of Neutrophil Secretion Upon Adhesion as a Basis for the Anti-Inflammatory Effect of the Tricyclic Antidepressant Imipramine. <i>Frontiers in Pharmacology</i> , 2021, 12, 709719. | 1.6 | 3 |
| 15 | Identification of Phytaspase Interactors via the Proximity-Dependent Biotin-Based Identification Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13123. | 1.8 | 6 |
| 16 | Mouse Trmt2B protein is a dual specific mitochondrial methyltransferase responsible for m ⁵ U formation in both tRNA and rRNA. <i>RNA Biology</i> , 2020, 17, 441-450. | 1.5 | 22 |
| 17 | Novel <i>Escherichia coli</i> RNA Polymerase Binding Protein Encoded by Bacteriophage T5. <i>Viruses</i> , 2020, 12, 807. | 1.5 | 7 |
| 18 | Unusually efficient CUG initiation of an overlapping reading frame in <i>POLG</i> mRNA yields novel protein POLGARF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24936-24946. | 3.3 | 30 |

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|----|---|-----|-----------|
| 19 | Comprehensive Functional Analysis of Escherichia coli Ribosomal RNA Methyltransferases. <i>Frontiers in Genetics</i> , 2020, 11, 97. | 1.1 | 29 |
| 20 | METTL15 interacts with the assembly intermediate of murine mitochondrial small ribosomal subunit to form m4C840 12S rRNA residue. <i>Nucleic Acids Research</i> , 2020, 48, 8022-8034. | 6.5 | 25 |
| 21 | Mechanism of translation inhibition by type II GNAT toxin AtaT2. <i>Nucleic Acids Research</i> , 2020, 48, 8617-8625. | 6.5 | 11 |
| 22 | Filamentous versus Spherical Morphology: A Case Study of the Recombinant A/WSN/33 (H1N1) Virus. <i>Microscopy and Microanalysis</i> , 2020, 26, 297-309. | 0.2 | 2 |
| 23 | Detection and <i>in vitro</i> studies of Cucurbita maxima phloem serpin-1 RNA-binding properties. <i>Biochimie</i> , 2020, 170, 118-127. | 1.3 | 11 |
| 24 | Histidine-Triad Hydrolases Provide Resistance to Peptide-Nucleotide Antibiotics. <i>MBio</i> , 2020, 11, . | 1.8 | 5 |
| 25 | The GAR domain integrates functions that are necessary for the proper localization of fibrillarlin (FBL) inside eukaryotic cells. <i>PeerJ</i> , 2020, 8, e9029. | 0.9 | 9 |
| 26 | Alterations in proteome of human sclera associated with primary open-angle glaucoma involve proteins participating in regulation of the extracellular matrix. <i>Molecular Vision</i> , 2020, 26, 623-640. | 1.1 | 4 |
| 27 | Novel applications of modification of thiol enzymes and redox-regulated proteins using S-methyl methanethiosulfonate (MMTS). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140259. | 1.1 | 7 |
| 28 | S-Acylation of Proteins. <i>Methods in Molecular Biology</i> , 2019, 1934, 265-291. | 0.4 | 9 |
| 29 | Scorpion toxins interact with nicotinic acetylcholine receptors. <i>FEBS Letters</i> , 2019, 593, 2779-2789. | 1.3 | 14 |
| 30 | Structure of ribosome-bound azole-modified peptide phazolicin rationalizes its species-specific mode of bacterial translation inhibition. <i>Nature Communications</i> , 2019, 10, 4563. | 5.8 | 45 |
| 31 | Oligoglutamylolation of E. coli ribosomal protein S6 is under growth phase control. <i>Biochimie</i> , 2019, 167, 61-67. | 1.3 | 6 |
| 32 | Surface characterization of the thermal remodeling helical plant virus. <i>PLoS ONE</i> , 2019, 14, e0216905. | 1.1 | 7 |
| 33 | Modification by glyceraldehyde-3-phosphate prevents amyloid transformation of alpha-synuclein. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 396-404. | 1.1 | 5 |
| 34 | Efficient <i>in vivo</i> synthesis of lasso peptide pseudomycoidin proceeds in the absence of both the leader and the leader peptidase. <i>Chemical Science</i> , 2019, 10, 9699-9707. | 3.7 | 25 |
| 35 | Differential S-acylation of Enveloped Viruses. <i>Protein and Peptide Letters</i> , 2019, 26, 588-600. | 0.4 | 8 |
| 36 | Characterization of the 20S proteasome of the lepidopteran, <i>Spodoptera frugiperda</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 840-853. | 1.1 | 2 |

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|----|---|-----|-----------|
| 37 | eIF4G2 balances its own mRNA translation via a PCBP2-based feedback loop. <i>Rna</i> , 2019, 25, 757-767. | 1.6 | 14 |
| 38 | Reiterative Synthesis by the Ribosome and Recognition of the N-Terminal Formyl Group by Biosynthetic Machinery Contribute to Evolutionary Conservation of the Length of Antibiotic Microcin C Peptide Precursor. <i>MBio</i> , 2019, 10, . | 1.8 | 6 |
| 39 | <i>LINC00116</i> codes for a mitochondrial peptide linking respiration and lipid metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4940-4945. | 3.3 | 84 |
| 40 | Mutational analysis of the flavinylation and binding motifs in two protein targets of the flavin transferase ApbE. <i>FEMS Microbiology Letters</i> , 2019, 366, . | 0.7 | 6 |
| 41 | Architecture of Microcin B17 Synthetase: An Octameric Protein Complex Converting a Ribosomally Synthesized Peptide into a DNA Gyrase Poison. <i>Molecular Cell</i> , 2019, 73, 749-762.e5. | 4.5 | 48 |
| 42 | Direct detection of cysteine peptidases for MALDI-TOF MS analysis using fluorogenic substrates. <i>Analytical Biochemistry</i> , 2019, 567, 45-50. | 1.1 | 5 |
| 43 | Catalytically important flavin linked through a phosphoester bond in a eukaryotic fumarate reductase. <i>Biochimie</i> , 2018, 149, 34-40. | 1.3 | 14 |
| 44 | Biosynthesis of Translation Inhibitor Klebsazolicin Proceeds through Heterocyclization and N-Terminal Amidine Formation Catalyzed by a Single YcaO Enzyme. <i>Journal of the American Chemical Society</i> , 2018, 140, 5625-5633. | 6.6 | 25 |
| 45 | Phytaspase-mediated precursor processing and maturation of the wound hormone systemin. <i>New Phytologist</i> , 2018, 218, 1167-1178. | 3.5 | 82 |
| 46 | Isolated Potato Virus A coat protein possesses unusual properties and forms different short virus-like particles. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1728-1738. | 2.0 | 10 |
| 47 | Application of Langmuir-Blodgett technology for the analysis of saturated fatty acids using the MALDI-TOF mass spectrometry. <i>Mendeleev Communications</i> , 2018, 28, 337-339. | 0.6 | 5 |
| 48 | Neutrophils Release Metalloproteinases during Adhesion in the Presence of Insulin, but Cathepsin G in the Presence of Glucagon. <i>Mediators of Inflammation</i> , 2018, 2018, 1-9. | 1.4 | 21 |
| 49 | <i>Escherichia coli</i> ItaT is a type II toxin that inhibits translation by acetylating isoleucyl-tRNA ^{Leu} . <i>Nucleic Acids Research</i> , 2018, 46, 7873-7885. | 6.5 | 31 |
| 50 | Light-Induced Thiol Oxidation of Recoverin Affects Rhodopsin Desensitization. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 474. | 1.4 | 11 |
| 51 | Physicochemical Properties, Toxicity, and Specific Activity of a Follitropin Alpha Biosimilar. <i>Pharmaceutical Chemistry Journal</i> , 2017, 50, 753-760. | 0.3 | 8 |
| 52 | Oligomeric protein complexes of apolipoproteins stabilize the internal fluid environment of organism in redfins of the <i>Tribolodon</i> genus [Pisces; Cypriniformes, Cyprinidae]. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 22, 90-97. | 0.4 | 9 |
| 53 | Thrombin-Mediated Degradation of Human Cardiac Troponin T. <i>Clinical Chemistry</i> , 2017, 63, 1094-1100. | 1.5 | 58 |
| 54 | Trastuzumab and pertuzumab plant biosimilars: Modification of Asn297-linked glycan of the mAbs produced in a plant with fucosyltransferase and xylosyltransferase gene knockouts. <i>Biochemistry (Moscow)</i> , 2017, 82, 510-520. | 0.7 | 7 |

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|----|---|-----|-----------|
| 55 | Dimerization of Tyr136Cys alpha-synuclein prevents amyloid transformation of wild type alpha-synuclein. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 35-43. | 3.6 | 21 |
| 56 | The Origins of Specificity in the Microcin-Processing Protease TldD/E. <i>Structure</i> , 2017, 25, 1549-1561.e5. | 1.6 | 34 |
| 57 | Proteomic identification of protein markers of stages of heart formation in humans. <i>Russian Journal of Developmental Biology</i> , 2017, 48, 301-306. | 0.1 | 0 |
| 58 | The Product of <i>Yersinia pseudotuberculosis</i> mcc Operon Is a Peptide-Cytidine Antibiotic Activated Inside Producing Cells by the TldD/E Protease. <i>Journal of the American Chemical Society</i> , 2017, 139, 16178-16187. | 6.6 | 27 |
| 59 | Mechanisms of perioperative corneal abrasions: Alterations in the tear film proteome. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2017, 11, 186-193. | 0.2 | 5 |
| 60 | Klebsazolicin inhibits 70S ribosome by obstructing the peptide exit tunnel. <i>Nature Chemical Biology</i> , 2017, 13, 1129-1136. | 3.9 | 50 |
| 61 | Mold Alkaloid Cytochalasin D Modifies the Morphology and Secretion of fMLP-, LPS-, or PMA-Stimulated Neutrophils upon Adhesion to Fibronectin. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13. | 1.4 | 11 |
| 62 | Dipeptidyl peptidase 4 – An important digestive peptidase in <i>Tenebrio molitor</i> larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 76, 38-48. | 1.2 | 18 |
| 63 | Investigation of the complex antibiotic INA-5812. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 664-671. | 0.3 | 14 |
| 64 | Effect of methylglyoxal modification on the structure and properties of human small heat shock protein HspB6 (Hsp20). <i>Cell Stress and Chaperones</i> , 2016, 21, 617-629. | 1.2 | 10 |
| 65 | Peptides from puff adder <i>Bitis arietans</i> venom, novel inhibitors of nicotinic acetylcholine receptors. <i>Toxicon</i> , 2016, 121, 70-76. | 0.8 | 15 |
| 66 | Sorting Out Antibiotics' Mechanisms of Action: a Double Fluorescent Protein Reporter for High-Throughput Screening of Ribosome and DNA Biosynthesis Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 7481-7489. | 1.4 | 81 |
| 67 | A Trojan-Horse Peptide-Carboxymethyl-Cytidine Antibiotic from <i>Bacillus amyloliquefaciens</i> . <i>Journal of the American Chemical Society</i> , 2016, 138, 15690-15698. | 6.6 | 27 |
| 68 | NqrM (DUF539) Protein Is Required for Maturation of Bacterial Na ⁺ -Translocating NADH:Quinone Oxidoreductase. <i>Journal of Bacteriology</i> , 2016, 198, 655-663. | 1.0 | 9 |
| 69 | Proteomics of the 26S proteasome in <i>Spodoptera frugiperda</i> cells infected with the nucleopolyhedrovirus, AcMNPV. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 738-746. | 1.1 | 6 |
| 70 | Conformational changes in inter- β -trypsin inhibitor heavy chain 4 activate its tumor-specific activity in mice with B16 melanoma. <i>Molecular Medicine Reports</i> , 2015, 12, 4483-4493. | 1.1 | 3 |
| 71 | Glutenase and collagenase activities of wheat cysteine protease Triticain- β : Feasibility for enzymatic therapy assays. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 62, 115-124. | 1.2 | 39 |
| 72 | Inhibition of the GTPase dynamin or actin depolymerisation initiates outward plasma membrane tubulation/vesiculation (cytoneme formation) in neutrophils. <i>Biology of the Cell</i> , 2015, 107, 144-158. | 0.7 | 20 |

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|----|--|-----|-----------|
| 73 | Reorganization of low-molecular-weight fraction of plasma proteins in the annual cycle of cyprinidae. <i>Biochemistry (Moscow)</i> , 2015, 80, 208-218. | 0.7 | 9 |
| 74 | Light-induced disulfide dimerization of recoverin under ex vivo and in vivo conditions. <i>Free Radical Biology and Medicine</i> , 2015, 83, 283-295. | 1.3 | 37 |
| 75 | Enzymatic Synthesis and Functional Characterization of Bioactive Microcin C-Like Compounds with Altered Peptide Sequence and Length. <i>Journal of Bacteriology</i> , 2015, 197, 3133-3141. | 1.0 | 14 |
| 76 | Structural features of the low-molecular-weight plasma fraction in far eastern redfins of the genus <i>Tribolodon</i> and other cyprinid fishes. <i>Russian Journal of Marine Biology</i> , 2015, 41, 60-68. | 0.2 | 2 |
| 77 | Mutational robustness and resilience of a replicative cis-element of RNA virus: Promiscuity, limitations, relevance. <i>RNA Biology</i> , 2015, 12, 1338-1354. | 1.5 | 10 |
| 78 | Substrate Specificity and Possible Heterologous Targets of Phytaspase, a Plant Cell Death Protease. <i>Journal of Biological Chemistry</i> , 2015, 290, 24806-24815. | 1.6 | 22 |
| 79 | Ca ²⁺ -Myristoyl Switch in Neuronal Calcium Sensor-1: A Role of C-Terminal Segment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 437-451. | 0.8 | 25 |
| 80 | The C-Terminal Part of Microcin B Is Crucial for DNA Gyrase Inhibition and Antibiotic Uptake by Sensitive Cells. <i>Journal of Bacteriology</i> , 2014, 196, 1759-1767. | 1.0 | 10 |
| 81 | Site-specific S-Acylation of Influenza Virus Hemagglutinin. <i>Journal of Biological Chemistry</i> , 2014, 289, 34978-34989. | 1.6 | 43 |
| 82 | Enzymatic Synthesis of Bioinformatically Predicted Microcin C-Like Compounds Encoded by Diverse Bacteria. <i>MBio</i> , 2014, 5, e01059-14. | 1.8 | 24 |
| 83 | Vietnamese <i>Heterometrus laoticus</i> scorpion venom: Evidence for analgesic and anti-inflammatory activity and isolation of new polypeptide toxin acting on Kv1.3 potassium channel. <i>Toxicon</i> , 2014, 77, 40-48. | 0.8 | 27 |
| 84 | Amicoumacin A Inhibits Translation by Stabilizing mRNA Interaction with the Ribosome. <i>Molecular Cell</i> , 2014, 56, 531-540. | 4.5 | 73 |
| 85 | The Molecular Mechanism of Aminopropylation of Peptide-Nucleotide Antibiotic Microcin C. <i>Journal of the American Chemical Society</i> , 2014, 136, 11168-11175. | 6.6 | 26 |
| 86 | Alternative Pyrimidine Biosynthesis Protein ApbE Is a Flavin Transferase Catalyzing Covalent Attachment of FMN to a Threonine Residue in Bacterial Flavoproteins. <i>Journal of Biological Chemistry</i> , 2013, 288, 14276-14286. | 1.6 | 73 |
| 87 | Structural investigation of influenza virus hemagglutinin membrane-anchoring peptide. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 547-552. | 1.0 | 27 |
| 88 | Chemical polysialylation of human recombinant butyrylcholinesterase delivers a long-acting bioscavenger for nerve agents in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1243-1248. | 3.3 | 79 |
| 89 | Mass spectrometry analysis of influenza virus reassortant clones does not reveal an influence of other viral proteins on S-acylation of hemagglutinin. <i>Archives of Virology</i> , 2013, 158, 467-472. | 0.9 | 4 |
| 90 | A nascent proteome study combining click chemistry with 2D-DE. <i>Proteomics</i> , 2013, 13, 17-21. | 1.3 | 11 |

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|-----|---|-----|-----------|
| 91 | Palmitoylation of influenza virus proteins. <i>Biochemical Society Transactions</i> , 2013, 41, 50-55. | 1.6 | 46 |
| 92 | Modified nucleotides m2G966/m5C967 of <i>Escherichia coli</i> 16S rRNA are required for attenuation of tryptophan operon. <i>Scientific Reports</i> , 2013, 3, 3236. | 1.6 | 13 |
| 93 | Structure of Microcin B-Like Compounds Produced by <i>Pseudomonas syringae</i> and Species Specificity of Their Antibacterial Action. <i>Journal of Bacteriology</i> , 2013, 195, 4129-4137. | 1.0 | 47 |
| 94 | Controlled trypsinolysis of human cancer and non-cancer sera for direct matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2012, 325-327, 121-129. | 0.7 | 3 |
| 95 | Non-Stressful Death of 23S rRNA Mutant G2061C Defective in Puromycin Reaction. <i>Journal of Molecular Biology</i> , 2012, 416, 656-667. | 2.0 | 4 |
| 96 | Mass spectrometric approaches to study enveloped viruses: New possibilities for structural biology and prophylactic medicine. <i>Biochemistry (Moscow)</i> , 2012, 77, 830-842. | 0.7 | 7 |
| 97 | Proteome analysis identified human neutrophil membrane tubulovesicular extensions (cytonemes,) Tj ETQq1 1 0.784314 rgBT /Overl 1820, 1705-1714. | 1.1 | 22 |
| 98 | The last rRNA methyltransferase of <i>E. coli</i> revealed: The <i>yhiR</i> gene encodes adenine-N6 methyltransferase specific for modification of A2030 of 23S ribosomal RNA. <i>Rna</i> , 2012, 18, 1725-1734. | 1.6 | 56 |
| 99 | Isolation and characterization of a novel indigenous intestinal N4-related coliphage vB_EcoP_G7C. <i>Virology</i> , 2012, 426, 93-99. | 1.1 | 49 |
| 100 | Complete Genome and Proteome of <i>Acholeplasma laidlawii</i> . <i>Journal of Bacteriology</i> , 2011, 193, 4943-4953. | 1.0 | 60 |
| 101 | Purification and functional analysis of recombinant <i>Acholeplasma laidlawii</i> histone-like HU protein. <i>Biochimie</i> , 2011, 93, 1102-1109. | 1.3 | 13 |
| 102 | Orthologues of a plant-specific At-4/1 gene in the genus <i>Nicotiana</i> and the structural properties of bacterially expressed 4/1 protein. <i>Biochimie</i> , 2011, 93, 1770-1778. | 1.3 | 11 |
| 103 | Linker and/or transmembrane regions of influenza A/Group-1, A/Group-2, and type B virus hemagglutinins are packed differently within trimers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1843-1854. | 1.4 | 38 |
| 104 | Influenza virus hemagglutinin spike neck architectures and interaction with model enzymes evaluated by MALDI-TOF mass spectrometry and bioinformatics tools. <i>Virus Research</i> , 2011, 160, 294-304. | 1.1 | 16 |
| 105 | Spatial structure peculiarities of influenza A virus matrix M1 protein in an acidic solution that simulates the internal lysosomal medium. <i>FEBS Journal</i> , 2011, 278, 4905-4916. | 2.2 | 24 |
| 106 | Expression of catalytic antibodies in eukaryotic systems. <i>Molecular Biology</i> , 2011, 45, 74-81. | 0.4 | 8 |
| 107 | New allelic variant of triosephosphate isomerase found in cultured tumor cells of human prostate. <i>Molecular Genetics, Microbiology and Virology</i> , 2011, 26, 14-20. | 0.0 | 1 |
| 108 | <i>Mycoplasma gallisepticum</i> Produces a Histone-like Protein That Recognizes Base Mismatches in DNA. <i>Biochemistry</i> , 2011, 50, 8692-8702. | 1.2 | 23 |

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| 109 | A Major Portion of DNA Gyrase Inhibitor Microcin B17 Undergoes an N,O-Peptidyl Shift during Synthesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 26308-26318. | 1.6 | 15 |
| 110 | The Acylation State of Surface Lipoproteins of Mollicute <i>Acholeplasma laidlawii</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 22769-22776. | 1.6 | 30 |
| 111 | Core Proteome of the Minimal Cell: Comparative Proteomics of Three Mollicute Species. <i>PLoS ONE</i> , 2011, 6, e21964. | 1.1 | 37 |
| 112 | Responses of <i>Acholeplasma laidlawii</i> PG8 cells to cold shock and oxidative stress: Proteomic analysis and stress-reactive mycoplasma proteins. <i>Doklady Biochemistry and Biophysics</i> , 2010, 432, 126-130. | 0.3 | 6 |
| 113 | Functional Divergence of <i>Helicobacter pylori</i> Related to Early Gastric Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 254-267. | 1.8 | 22 |
| 114 | The role of intracellular glutathione in the progression of <i>Chlamydia trachomatis</i> infection. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1947-1955. | 1.3 | 11 |
| 115 | Site-specific attachment of palmitate or stearate to cytoplasmic versus transmembrane cysteines is a common feature of viral spike proteins. <i>Virology</i> , 2010, 398, 49-56. | 1.1 | 38 |
| 116 | Why do p-nitro-substituted aryl azides provide unintended dark reactions with proteins?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 100, 19-29. | 1.7 | 1 |
| 117 | Application of matrix-assisted laser desorption/ionization time-of-flight mass spectrometry for the study of <i>Helicobacter pylori</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 328-334. | 0.7 | 43 |
| 118 | Proteomic characterization of <i>Mycoplasma gallisepticum</i> nanoforming. <i>Biochemistry (Moscow)</i> , 2010, 75, 1252-1257. | 0.7 | 3 |
| 119 | The Mechanism of Microcin C Resistance Provided by the MccF Peptidase. <i>Journal of Biological Chemistry</i> , 2010, 285, 37944-37952. | 1.6 | 34 |
| 120 | The <i>yfiC</i> gene of <i>E. coli</i> encodes an adenine-N6 methyltransferase that specifically modifies A37 of tRNA ¹ Val (cmo ⁵ UAC). <i>Rna</i> , 2009, 15, 1134-1141. | 1.6 | 42 |
| 121 | Proteome of the bacterium <i>Mycoplasma gallisepticum</i> . <i>Biochemistry (Moscow)</i> , 2009, 74, 165-174. | 0.7 | 21 |
| 122 | Tritium planigraphy study of structural alterations in the coat protein of <i>Potato virus X</i> induced by binding of its triple gene block 1 protein to virions. <i>FEBS Journal</i> , 2009, 276, 7006-7015. | 2.2 | 23 |
| 123 | Adaptation of mycoplasmas to adverse environments: Phytopathogenicity and peculiarities of protein expression of vegetative and nonculturable forms of <i>Mycoplasma gallisepticum</i> S6 cells. <i>Doklady Biochemistry and Biophysics</i> , 2009, 428, 273-276. | 0.3 | 2 |
| 124 | Isolation of the Influenza A HA2 C-terminal segment by combination of nonionic detergents. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 311-312. | 0.8 | 5 |
| 125 | Byproduct with Altered Fluorescent Properties Is Formed during Standard Deprotection Step of Hexachlorofluorescein Labeled Oligonucleotides. <i>Bioconjugate Chemistry</i> , 2009, 20, 1441-1443. | 1.8 | 5 |
| 126 | Domain organization of the N-terminal portion of hordeivirus movement protein TGBp1. <i>Journal of General Virology</i> , 2009, 90, 3022-3032. | 1.3 | 32 |

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|-----|---|-----|-----------|
| 127 | Cold co-extraction of hemagglutinin and matrix M1 protein from influenza virus A by a combination of non-ionic detergents allows for visualization of the raft-like nature of the virus envelope. Archives of Virology, 2008, 153, 1977-1980. | 0.9 | 12 |
| 128 | Naturally Occurring Disulfide-bound Dimers of Three-fingered Toxins. Journal of Biological Chemistry, 2008, 283, 14571-14580. | 1.6 | 73 |
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