

# Marina V Serebryakova

## List of Publications by Year in descending order

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159  
papers

3,505  
citations

126907

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48  
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174  
all docs

174  
docs citations

174  
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.	3.2	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.	4.1	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.	3.8	9
4	S51 Family Peptidases Provide Resistance to Peptidyl-Nucleotide Antibiotic McC. <i>MBio</i> , 2022, 13, e0080522.	4.1	0
5	A Novel, NADH-Dependent Acrylate Reductase in <i>Vibrio harveyi</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	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.	4.1	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.	3.5	6
8	The flavin transferase ApbE flavinylates the ferredoxin:NAD <sup>+</sup> -oxidoreductase Rnf required for N <sub>2</sub> fixation in <i>Azotobacter vinelandii</i> . <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	6
9	Neutrophil Adhesion and the Release of the Free Amino Acid Hydroxylysine. <i>Cells</i> , 2021, 10, 563.	4.1	4
10	NS1-mediated upregulation of ZDHHC22 acyltransferase in influenza A virus infected cells. <i>Cellular Microbiology</i> , 2021, 23, e13322.	2.1	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.	4.1	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.	2.9	3
13	Stearic acid blunts growth-factor signaling via oleoylation of GNAI proteins. <i>Nature Communications</i> , 2021, 12, 4590.	12.8	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.	3.5	3
15	Identification of Phytaspase Interactors via the Proximity-Dependent Biotin-Based Identification Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13123.	4.1	6
16	Mouse Trmt2B protein is a dual specific mitochondrial methyltransferase responsible for m <sup>5</sup> U formation in both tRNA and rRNA. <i>RNA Biology</i> , 2020, 17, 441-450.	3.1	22
17	Novel <i>Escherichia coli</i> RNA Polymerase Binding Protein Encoded by Bacteriophage T5. <i>Viruses</i> , 2020, 12, 807.	3.3	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.	7.1	30

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19	Comprehensive Functional Analysis of Escherichia coli Ribosomal RNA Methyltransferases. <i>Frontiers in Genetics</i> , 2020, 11, 97.	2.3	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.	14.5	25
21	Mechanism of translation inhibition by type II GNAT toxin AtaT2. <i>Nucleic Acids Research</i> , 2020, 48, 8617-8625.	14.5	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.	0.4	2
23	Detection and inÂvitro studies of Cucurbita maxima phloem serpin-1 RNA-binding properties. <i>Biochimie</i> , 2020, 170, 118-127.	2.6	11
24	Histidine-Triad Hydrolases Provide Resistance to Peptide-Nucleotide Antibiotics. <i>MBio</i> , 2020, 11, .	4.1	5
25	The GAR domain integrates functions that are necessary for the proper localization of fibrillarin (FBL) inside eukaryotic cells. <i>PeerJ</i> , 2020, 8, e9029.	2.0	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.	2.3	7
28	S-Acylation of Proteins. <i>Methods in Molecular Biology</i> , 2019, 1934, 265-291.	0.9	9
29	Scorpion toxins interact with nicotinic acetylcholine receptors. <i>FEBS Letters</i> , 2019, 593, 2779-2789.	2.8	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.	12.8	45
31	Oligoglutamylolation of E.Âcoli ribosomal protein S6 is under growth phase control. <i>Biochimie</i> , 2019, 167, 61-67.	2.6	6
32	Surface characterization of the thermal remodeling helical plant virus. <i>PLoS ONE</i> , 2019, 14, e0216905.	2.5	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.	2.3	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.	7.4	25
35	Differential S-acylation of Enveloped Viruses. <i>Protein and Peptide Letters</i> , 2019, 26, 588-600.	0.9	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.	2.3	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.	3.5	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, .	4.1	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.	7.1	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, .	1.8	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.	9.7	48
42	Direct detection of cysteine peptidases for MALDI-TOF MS analysis using fluorogenic substrates. <i>Analytical Biochemistry</i> , 2019, 567, 45-50.	2.4	5
43	Catalytically important flavin linked through a phosphoester bond in a eukaryotic fumarate reductase. <i>Biochimie</i> , 2018, 149, 34-40.	2.6	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.	13.7	25
45	Phytaspase-mediated precursor processing and maturation of the wound hormone systemin. <i>New Phytologist</i> , 2018, 218, 1167-1178.	7.3	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.	3.5	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.	1.6	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.	3.0	21
49	<i>Escherichia coli</i> Itat is a type II toxin that inhibits translation by acetylating isoleucyl-tRNA <sup>Leu</sup> . <i>Nucleic Acids Research</i> , 2018, 46, 7873-7885.	14.5	31
50	Light-Induced Thiol Oxidation of Recoverin Affects Rhodopsin Desensitization. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 474.	2.9	11
51	Physicochemical Properties, Toxicity, and Specific Activity of a Follitropin Alpha Biosimilar. <i>Pharmaceutical Chemistry Journal</i> , 2017, 50, 753-760.	0.8	8
52	Oligomeric protein complexes of apolipoproteins stabilize the internal fluid environment of organism in redfish of the <i>Tribolodon</i> genus [Pisces; Cypriniformes, Cyprinidae]. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2017, 22, 90-97.	1.0	9
53	Thrombin-Mediated Degradation of Human Cardiac Troponin T. <i>Clinical Chemistry</i> , 2017, 63, 1094-1100.	3.2	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.	1.5	7

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55	Dimerization of Tyr136Cys alpha-synuclein prevents amyloid transformation of wild type alpha-synuclein. International Journal of Biological Macromolecules, 2017, 96, 35-43.	7.5	21
56	The Origins of Specificity in the Microcin-Processing Protease TldD/E. Structure, 2017, 25, 1549-1561.e5.	3.3	34
57	Proteomic identification of protein markers of stages of heart formation in humans. Russian Journal of Developmental Biology, 2017, 48, 301-306.	0.5	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. Journal of the American Chemical Society, 2017, 139, 16178-16187.	13.7	27
59	Mechanisms of perioperative corneal abrasions: Alterations in the tear film proteome. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2017, 11, 186-193.	0.4	5
60	Klebsazolicin inhibits 70S ribosome by obstructing the peptide exit tunnel. Nature Chemical Biology, 2017, 13, 1129-1136.	8.0	50
61	Mold Alkaloid Cytochalasin D Modifies the Morphology and Secretion of fMLP-, LPS-, or PMA-Stimulated Neutrophils upon Adhesion to Fibronectin. Mediators of Inflammation, 2017, 2017, 1-13.	3.0	11
62	Dipeptidyl peptidase 4 – An important digestive peptidase in Tenebrio molitor larvae. Insect Biochemistry and Molecular Biology, 2016, 76, 38-48.	2.7	18
63	Investigation of the complex antibiotic INA-5812. Russian Journal of Bioorganic Chemistry, 2016, 42, 664-671.	1.0	14
64	Effect of methylglyoxal modification on the structure and properties of human small heat shock protein HspB6 (Hsp20). Cell Stress and Chaperones, 2016, 21, 617-629.	2.9	10
65	Peptides from puff adder Bitis arietans venom, novel inhibitors of nicotinic acetylcholine receptors. Toxicon, 2016, 121, 70-76.	1.6	15
66	Sorting Out Antibiotics' Mechanisms of Action: a Double Fluorescent Protein Reporter for High-Throughput Screening of Ribosome and DNA Biosynthesis Inhibitors. Antimicrobial Agents and Chemotherapy, 2016, 60, 7481-7489.	3.2	81
67	A Trojan-Horse Peptide-Carboxymethyl-Cytidine Antibiotic from <i>Bacillus amyloliquefaciens</i> . Journal of the American Chemical Society, 2016, 138, 15690-15698.	13.7	27
68	NqrM (DUF539) Protein Is Required for Maturation of Bacterial Na <sup>+</sup> -Translocating NADH:Quinone Oxidoreductase. Journal of Bacteriology, 2016, 198, 655-663.	2.2	9
69	Proteomics of the 26S proteasome in Spodoptera frugiperda cells infected with the nucleopolyhedrovirus, AcMNPV. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 738-746.	2.3	6
70	Conformational changes in inter- $\beta$ -trypsin inhibitor heavy chain 4 activate its tumor-specific activity in mice with B16 melanoma. Molecular Medicine Reports, 2015, 12, 4483-4493.	2.4	3
71	Glutenase and collagenase activities of wheat cysteine protease Triticain- $\beta$ : Feasibility for enzymatic therapy assays. International Journal of Biochemistry and Cell Biology, 2015, 62, 115-124.	2.8	39
72	Inhibition of the GTPase dynamin or actin depolymerisation initiates outward plasma membrane tubulation/vesiculation (cytoneme formation) in neutrophils. Biology of the Cell, 2015, 107, 144-158.	2.0	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.	1.5	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.	2.9	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.	2.2	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.	0.6	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.	3.1	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.	3.4	22
79	Ca <sup>2+</sup> -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.	1.4	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.	2.2	10
81	Site-specific S-Acylation of Influenza Virus Hemagglutinin. <i>Journal of Biological Chemistry</i> , 2014, 289, 34978-34989.	3.4	43
82	Enzymatic Synthesis of Bioinformatically Predicted Microcin C-Like Compounds Encoded by Diverse Bacteria. <i>MBio</i> , 2014, 5, e01059-14.	4.1	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.	1.6	27
84	Amicoumacin A Inhibits Translation by Stabilizing mRNA Interaction with the Ribosome. <i>Molecular Cell</i> , 2014, 56, 531-540.	9.7	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.	13.7	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.	3.4	73
87	Structural investigation of influenza virus hemagglutinin membrane-anchoring peptide. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 547-552.	2.1	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.	7.1	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.	2.1	4
90	A nascent proteome study combining click chemistry with 2D-DE. <i>Proteomics</i> , 2013, 13, 17-21.	2.2	11

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91	Palmitoylation of influenza virus proteins. Biochemical Society Transactions, 2013, 41, 50-55.	3.4	46
92	Modified nucleotides m2G966/m5C967 of Escherichia coli 16S rRNA are required for attenuation of tryptophan operon. Scientific Reports, 2013, 3, 3236.	3.3	13
93	Structure of Microcin B-Like Compounds Produced by Pseudomonas syringae and Species Specificity of Their Antibacterial Action. Journal of Bacteriology, 2013, 195, 4129-4137.	2.2	47
94	Controlled trypsinolysis of human cancer and non-cancer sera for direct matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. International Journal of Mass Spectrometry, 2012, 325-327, 121-129.	1.5	3
95	Non-Stressful Death of 23S rRNA Mutant G2061C Defective in Puromycin Reaction. Journal of Molecular Biology, 2012, 416, 656-667.	4.2	4
96	Mass spectrometric approaches to study enveloped viruses: New possibilities for structural biology and prophylactic medicine. Biochemistry (Moscow), 2012, 77, 830-842.	1.5	7
97	Proteome analysis identified human neutrophil membrane tubulovesicular extensions (cytonemes,) Tj ETQq1 1 0.784314 rgBT /Overlock 1820, 1705-1714.	2.4	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. Rna, 2012, 18, 1725-1734.	3.5	56
99	Isolation and characterization of a novel indigenous intestinal N4-related coliphage vB_EcoP_G7C. Virology, 2012, 426, 93-99.	2.4	49
100	Complete Genome and Proteome of Acholeplasma laidlawii. Journal of Bacteriology, 2011, 193, 4943-4953.	2.2	60
101	Purification and functional analysis of recombinant Acholeplasma laidlawii histone-like HU protein. Biochimie, 2011, 93, 1102-1109.	2.6	13
102	Orthologues of a plant-specific At-4/1 gene in the genus Nicotiana and the structural properties of bacterially expressed 4/1 protein. Biochimie, 2011, 93, 1770-1778.	2.6	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. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1843-1854.	2.6	38
104	Influenza virus hemagglutinin spike neck architectures and interaction with model enzymes evaluated by MALDI-TOF mass spectrometry and bioinformatics tools. Virus Research, 2011, 160, 294-304.	2.2	16
105	Spatial structure peculiarities of influenza A virus matrix M1 protein in an acidic solution that simulates the internal lysosomal medium. FEBS Journal, 2011, 278, 4905-4916.	4.7	24
106	Expression of catalytic antibodies in eukaryotic systems. Molecular Biology, 2011, 45, 74-81.	1.3	8
107	New allelic variant of triosephosphate isomerase found in cultured tumor cells of human prostate. Molecular Genetics, Microbiology and Virology, 2011, 26, 14-20.	0.3	1
108	<i>Mycoplasma gallisepticum</i> Produces a Histone-like Protein That Recognizes Base Mismatches in DNA. Biochemistry, 2011, 50, 8692-8702.	2.5	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.	3.4	15
110	The Acylation State of Surface Lipoproteins of Mollicute <i>Acholeplasma laidlawii</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 22769-22776.	3.4	30
111	Core Proteome of the Minimal Cell: Comparative Proteomics of Three Mollicute Species. <i>PLoS ONE</i> , 2011, 6, e21964.	2.5	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.	0.9	6
113	Functional Divergence of <i>Helicobacter pylori</i> Related to Early Gastric Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 254-267.	3.7	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.	2.9	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.	2.4	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.	3.8	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.	1.5	43
118	Proteomic characterization of <i>Mycoplasma gallisepticum</i> nanoforming. <i>Biochemistry (Moscow)</i> , 2010, 75, 1252-1257.	1.5	3
119	The Mechanism of Microcin C Resistance Provided by the MccF Peptidase. <i>Journal of Biological Chemistry</i> , 2010, 285, 37944-37952.	3.4	34
120	The <i>yfiC</i> gene of <i>E. coli</i> encodes an adenine-N6 methyltransferase that specifically modifies A37 of tRNA <sup>Val</sup> (cmo <sup>5</sup> UAC). <i>Rna</i> , 2009, 15, 1134-1141.	3.5	42
121	Proteome of the bacterium <i>Mycoplasma gallisepticum</i> . <i>Biochemistry (Moscow)</i> , 2009, 74, 165-174.	1.5	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 $\epsilon$ 1 protein to virions. <i>FEBS Journal</i> , 2009, 276, 7006-7015.	4.7	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.	0.9	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.	1.6	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.	3.6	5
126	Domain organization of the N-terminal portion of hordeivirus movement protein TGBp1. <i>Journal of General Virology</i> , 2009, 90, 3022-3032.	2.9	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.	2.1	12
128	Naturally Occurring Disulfide-bound Dimers of Three-fingered Toxins. Journal of Biological Chemistry, 2008, 283, 14571-14580.	3.4	73
129	Age-related changes in albumin and actin of human myocardium. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2008, 2, 160-165.	0.4	0
130	Determination of the "Amino Acid Conflicts" and amino acid substitutions in primary structures of 41 human proteins by the proteomic technologies. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2008, 2, 325-334.	0.4	1
131	The ybiN Gene of Escherichia coli Encodes Adenine-N6 Methyltransferase Specific for Modification of A1618 of 23 S Ribosomal RNA, a Methylated Residue Located Close to the Ribosomal Exit Tunnel. Journal of Molecular Biology, 2008, 375, 291-300.	4.2	65
132	S Acylation of the Hemagglutinin of Influenza Viruses: Mass Spectrometry Reveals Site-Specific Attachment of Stearic Acid to a Transmembrane Cysteine. Journal of Virology, 2008, 82, 9288-9292.	3.4	94
133	Influenza A Virus M1 Protein Structure Probed by In Situ Limited Proteolysis with Bromelain. Protein and Peptide Letters, 2008, 15, 922-930.	0.9	17
134	Routes to Covalent Catalysis by Reactive Selection for Nascent Protein Nucleophiles. Journal of the American Chemical Society, 2007, 129, 16175-16182.	13.7	41
135	Purification and primary structure of novel lipid transfer proteins from germinated lentil (Lens) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	21
136	Studies of the pathogenesis of slow neuroinfections using proteomic techniques. Neurochemical Journal, 2007, 1, 318-325.	0.5	1
137	Autoantibodies to myelin basic protein catalyze site-specific degradation of their antigen. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 281-286.	7.1	175
138	Mass Spectrometric Sequencing and Acylation Character Analysis of the C-Terminal Anchoring Segment from Influenza A Hemagglutinin. European Journal of Mass Spectrometry, 2006, 12, 51-62.	1.0	37
139	Thioester Bond Liability: Study on Natural Influenza and Model Acylpeptides. , 2006, , 307-308.		0
140	Proteomic profiles of induced hepatotoxicity at the subcellular level. Proteomics, 2006, 6, 4662-4670.	2.2	21
141	Two-dimensional electrophoretic proteome study of serum thermostable fraction from patients with various tumor conditions. Biochemistry (Moscow), 2006, 71, 354-360.	1.5	47
142	Polymorphism of 3,5,2,4-dienoyl-coenzyme A isomerase (the ECH1 gene product protein) in human striated muscle tissue. Biochemistry (Moscow), 2006, 71, 448-453.	1.5	9
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