Marina V Serebryakova

List of Publications by Year
in descending order

159	3,505	126708	205818
papers	citations	33 h-index	48 g-index

174	174	174	4131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	3.3	175
2	Ovarian cancer marker of 11.7â€…kDa detected by proteomics is a serum amyloidâ€…A1. Proteomics, 2005, 5, 3790-3797.	1.3	105
3	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.	1.5	94
4	LINC00116 codes for a mitochondrial peptide linking respiration and lipid metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4940-4945.	3.3	84
5	Phytaspaseâ€mediated precursor processing and maturation of the wound hormone systemin. New Phytologist, 2018, 218, 1167-1178.	3.5	82
6	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.	1.4	81
7	Chemical polysialylation of human recombinant butyrylcholinesterase delivers a long-acting bioscavenger for nerve agents in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1243-1248.	3.3	79
8	Naturally Occurring Disulfide-bound Dimers of Three-fingered Toxins. Journal of Biological Chemistry, 2008, 283, 14571-14580.	1.6	73
9	Alternative Pyrimidine Biosynthesis Protein ApbE Is a Flavin Transferase Catalyzing Covalent Attachment of FMN to a Threonine Residue in Bacterial Flavoproteins. Journal of Biological Chemistry, 2013, 288, 14276-14286.	1.6	73
10	Amicoumacin A Inhibits Translation by Stabilizing mRNA Interaction with the Ribosome. Molecular Cell, 2014, 56, 531-540.	4.5	73
11	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.	2.0	65
12	Complete Genome and Proteome of Acholeplasma laidlawii. Journal of Bacteriology, 2011, 193, 4943-4953.	1.0	60
13	Thrombin-Mediated Degradation of Human Cardiac Troponin T. Clinical Chemistry, 2017, 63, 1094-1100.	1.5	58
14	The last rRNA methyltransferase of E. coli revealed: The yhiR gene encodes adenine-N6 methyltransferase specific for modification of A2030 of 23S ribosomal RNA. Rna, 2012, 18, 1725-1734.	1.6	56
15	Comparative analysis of proteome maps of Helicobacter pylori clinical isolates. Biochemistry (Moscow), 2003, 68, 42-49.	0.7	51
16	Klebsazolicin inhibits 70S ribosome by obstructing the peptide exit tunnel. Nature Chemical Biology, 2017, 13, 1129-1136.	3.9	50
17	Isolation and characterization of a novel indigenous intestinal N4-related coliphage vB_EcoP_G7C. Virology, 2012, 426, 93-99.	1.1	49
18	Architecture of Microcin B17 Synthetase: An Octameric Protein Complex Converting a Ribosomally Synthesized Peptide into a DNA Gyrase Poison. Molecular Cell, 2019, 73, 749-762.e5.	4.5	48

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19	N-Terminal segment of potato virus X coat protein subunits is glycosylated and mediates formation of a bound water shell on the virion surface. FEBS Journal, 2004, 271, 3136-3145.	0.2	47
20	Two-dimensional electrophoretic proteome study of serum thermostable fraction from patients with various tumor conditions. Biochemistry (Moscow), 2006, 71, 354-360.	0.7	47
21	Structure of Microcin B-Like Compounds Produced by Pseudomonas syringae and Species Specificity of Their Antibacterial Action. Journal of Bacteriology, 2013, 195, 4129-4137.	1.0	47
22	Palmitoylation of influenza virus proteins. Biochemical Society Transactions, 2013, 41, 50-55.	1.6	46
23	Structure of ribosome-bound azole-modified peptide phazolicin rationalizes its species-specific mode of bacterial translation inhibition. Nature Communications, 2019, 10, 4563.	5.8	45
24	Application of matrixâ€assisted laser desorption/ionization timeâ€ofâ€flight mass spectrometry for the study of Helicobacter pylori. Rapid Communications in Mass Spectrometry, 2010, 24, 328-334.	0.7	43
25	Site-specific S-Acylation of Influenza Virus Hemagglutinin. Journal of Biological Chemistry, 2014, 289, 34978-34989.	1.6	43
26	The yfiC gene of E. coli encodes an adenine-N6 methyltransferase that specifically modifies A37 of tRNA₁^{Val}(cmo⁵UAC). Rna, 2009, 15, 1134-1141.	1.6	42
27	Routes to Covalent Catalysis by Reactive Selection for Nascent Protein Nucleophiles. Journal of the American Chemical Society, 2007, 129, 16175-16182.	6.6	41
28	Glutenase and collagenase activities of wheat cysteine protease Triticain-Î±: Feasibility for enzymatic therapy assays. International Journal of Biochemistry and Cell Biology, 2015, 62, 115-124.	1.2	39
29	Site-specific attachment of palmitate or stearate to cytoplasmic versus transmembrane cysteines is a common feature of viral spike proteins. Virology, 2010, 398, 49-56.	1.1	38
30	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.	1.4	38
31	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.	0.5	37
32	Light-induced disulfide dimerization of recoverin under ex vivo and in vivo conditions. Free Radical Biology and Medicine, 2015, 83, 283-295.	1.3	37
33	Core Proteome of the Minimal Cell: Comparative Proteomics of Three Mollicute Species. PLoS ONE, 2011, 6, e21964.	1.1	37
34	The Mechanism of Microcin C Resistance Provided by the MccF Peptidase. Journal of Biological Chemistry, 2010, 285, 37944-37952.	1.6	34
35	The Origins of Specificity in the Microcin-Processing Protease TldD/E. Structure, 2017, 25, 1549-1561.e5.	1.6	34
36	Domain organization of the N-terminal portion of hordeivirus movement protein TGBp1. Journal of General Virology, 2009, 90, 3022-3032.	1.3	32

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37	Escherichia coli ItaT is a type II toxin that inhibits translation by acetylating isoleucyl-tRNAIle. Nucleic Acids Research, 2018, 46, 7873-7885.	6.5	31
38	The Acylation State of Surface Lipoproteins of Mollicute Acholeplasma laidlawii. Journal of Biological Chemistry, 2011, 286, 22769-22776.	1.6	30
39	Unusually efficient CUG initiation of an overlapping reading frame in POLG mRNA yields novel protein POLGARF. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24936-24946.	3.3	30
40	Comprehensive Functional Analysis of Escherichia coli Ribosomal RNA Methyltransferases. Frontiers in Genetics, 2020, 11, 97.	1.1	29
41	Structural investigation of influenza virus hemagglutinin membrane-anchoring peptide. Protein Engineering, Design and Selection, 2013, 26, 547-552.	1.0	27
42	Vietnamese Heterometrus laoticus scorpion venom: Evidence for analgesic and anti-inflammatory activity and isolation of new polypeptide toxin acting on Kv1.3 potassium channel. Toxicon, 2014, 77, 40-48.	0.8	27
43	A Trojan-Horse Peptide-Carboxymethyl-Cytidine Antibiotic from Bacillus amyloliquefaciens. Journal of the American Chemical Society, 2016, 138, 15690-15698.	6.6	27
44	The Product of Yersinia pseudotuberculosis 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.	6.6	27
45	The Molecular Mechanism of Aminopropylation of Peptide-Nucleotide Antibiotic Microcin C. Journal of the American Chemical Society, 2014, 136, 11168-11175.	6.6	26
46	Biosynthesis of Translation Inhibitor Klebsazolicin Proceeds through Heterocyclization and N-Terminal Amidine Formation Catalyzed by a Single YcaO Enzyme. Journal of the American Chemical Society, 2018, 140, 5625-5633.	6.6	25
47	Efficient in vivo synthesis of lasso peptide pseudomycoidin proceeds in the absence of both the leader and the leader peptidase. Chemical Science, 2019, 10, 9699-9707.	3.7	25
48	METTL15 interacts with the assembly intermediate of murine mitochondrial small ribosomal subunit to form m4C840 12S rRNA residue. Nucleic Acids Research, 2020, 48, 8022-8034.	6.5	25
49	Ca²⁺-Myristoyl Switch in Neuronal Calcium Sensor-1: A Role of C-Terminal Segment. CNS and Neurological Disorders - Drug Targets, 2015, 14, 437-451.	0.8	25
50	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.	2.2	24
51	Enzymatic Synthesis of Bioinformatically Predicted Microcin C-Like Compounds Encoded by Diverse Bacteria. MBio, 2014, 5, e01059-14.	1.8	24
52	Palladium-Catalyzed Amination of 3,5-Dihalopyridines - a Convenient Route to New Polyazamacrocycles. Helvetica Chimica Acta, 2005, 88, 1983-2002.	1.0	23
53	Tritium planigraphy study of structural alterations in the coat protein of Potatoâ€ƒvirusâ€ƒX induced by binding of its triple gene blockâ€ƒ1 protein to virions. FEBS Journal, 2009, 276, 7006-7015.	2.2	23
54	Mycoplasma gallisepticum Produces a Histone-like Protein That Recognizes Base Mismatches in DNA. Biochemistry, 2011, 50, 8692-8702.	1.2	23

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55	Functional Divergence ofHelicobacter pyloriRelated to Early Gastric Cancer. Journal of Proteome Research, 2010, 9, 254-267.	1.8	22
56	Proteome analysis identified human neutrophil membrane tubulovesicular extensions (cytonemes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1820, 1705-1714.	1.1	22
57	Substrate Specificity and Possible Heterologous Targets of Phytaspase, a Plant Cell Death Protease. Journal of Biological Chemistry, 2015, 290, 24806-24815.	1.6	22
58	Mouse Trmt2B protein is a dual specific mitochondrial metyltransferase responsible for m⁵U formation in both tRNA and rRNA. RNA Biology, 2020, 17, 441-450.	1.5	22
59	Proteomic profiles of induced hepatotoxicity at the subcellular level. Proteomics, 2006, 6, 4662-4670.	1.3	21
60	Purification and primary structure of novel lipid transfer proteins from germinated lentil (Lens) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.7	21
61	Proteome of the bacterium Mycoplasma gallisepticum. Biochemistry (Moscow), 2009, 74, 165-174.	0.7	21
62	Dimerization of Tyr136Cys alpha-synuclein prevents amyloid transformation of wild type alpha-synuclein. International Journal of Biological Macromolecules, 2017, 96, 35-43.	3.6	21
63	Neutrophils Release Metalloproteinases during Adhesion in the Presence of Insulin, but Cathepsin G in the Presence of Glucagon. Mediators of Inflammation, 2018, 2018, 1-9.	1.4	21
64	Database search post-processing by neural network: Advanced facilities for identification of components in protein mixtures using mass spectrometric peptide mapping. Proteomics, 2004, 4, 633-642.	1.3	20
65	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.	0.7	20
66	Dipeptidyl peptidase 4 â€“ An important digestive peptidase in Tenebrio molitor larvae. Insect Biochemistry and Molecular Biology, 2016, 76, 38-48.	1.2	18
67	Identification and characterization of andalusicin: N-terminally dimethylated class III lantibiotic from Bacillus thuringiensis sv. andalousiensis. IScience, 2021, 24, 102480.	1.9	18
68	Stearic acid blunts growth-factor signaling via oleoylation of GNAI proteins. Nature Communications, 2021, 12, 4590.	5.8	18
69	Influenza A Virus M1 Protein Structure Probed by In Situ Limited Proteolysis with Bromelain. Protein and Peptide Letters, 2008, 15, 922-930.	0.4	17
70	Influenza a Hemagglutinin C-terminal Anchoring Peptide: Identification and Mass Spectrometric Study. Protein and Peptide Letters, 2004, 11, 385-391.	0.4	17
71	Synthesis of New Polyazamacrocycles Incorporating the Pyridine Moiety. Synlett, 2005, 2005, 87-90.	1.0	16
72	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.	1.1	16

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73	A Major Portion of DNA Gyrase Inhibitor Microcin B17 Undergoes an N,O-Peptidyl Shift during Synthesis. Journal of Biological Chemistry, 2011, 286, 26308-26318.	1.6	15
74	Peptides from puff adder Bitis arietans venom, novel inhibitors of nicotinic acetylcholine receptors. Toxicon, 2016, 121, 70-76.	0.8	15
75	Enzymatic Synthesis and Functional Characterization of Bioactive Microcin C-Like Compounds with Altered Peptide Sequence and Length. Journal of Bacteriology, 2015, 197, 3133-3141.	1.0	14
76	Investigation of the complex antibiotic INA-5812. Russian Journal of Bioorganic Chemistry, 2016, 42, 664-671.	0.3	14
77	Catalytically important flavin linked through a phosphoester bond in a eukaryotic fumarate reductase. Biochimie, 2018, 149, 34-40.	1.3	14
78	Scorpion toxins interact with nicotinic acetylcholine receptors. FEBS Letters, 2019, 593, 2779-2789.	1.3	14
79	eIF4G2 balances its own mRNA translation via a PCBP2-based feedback loop. Rna, 2019, 25, 757-767.	1.6	14
80	Purification and functional analysis of recombinant Acholeplasma laidlawii histone-like HU protein. Biochimie, 2011, 93, 1102-1109.	1.3	13
81	Modified nucleotides m2G966/m5C967 of Escherichia coli 16S rRNA are required for attenuation of tryptophan operon. Scientific Reports, 2013, 3, 3236.	1.6	13
82	Synthesis of macrocycles containing two pyridine and two polyamine moieties via Pd-catalyzed amination. Tetrahedron Letters, 2006, 47, 2691-2694.	0.7	12
83	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
84	The role of intracellular glutathione in the progression of Chlamydia trachomatis infection. Free Radical Biology and Medicine, 2010, 49, 1947-1955.	1.3	11
85	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.	1.3	11
86	A nascent proteome study combining click chemistry with 2<scp>DE</scp>. Proteomics, 2013, 13, 17-21.	1.3	11
87	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.	1.4	11
88	Light-Induced Thiol Oxidation of Recoverin Affects Rhodopsin Desensitization. Frontiers in Molecular Neuroscience, 2018, 11, 474.	1.4	11
89	Mechanism of translation inhibition by type II GNAT toxin AtaT2. Nucleic Acids Research, 2020, 48, 8617-8625.	6.5	11
90	Detection and inÂvitro studies of Cucurbita maxima phloem serpin-1 RNA-binding properties. Biochimie, 2020, 170, 118-127.	1.3	11

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91	Application of Palladium-catalyzed Amination to the Synthesis of Polyazamacrocycles Containing 3,5-Disubstituted Pyridine. Chemistry Letters, 2005, 34, 1100-1101.	0.7	10
92	The C-Terminal Part of Microcin B Is Crucial for DNA Gyrase Inhibition and Antibiotic Uptake by Sensitive Cells. Journal of Bacteriology, 2014, 196, 1759-1767.	1.0	10
93	Mutational robustness and resilience of a replicative cis-element of RNA virus: Promiscuity, limitations, relevance. RNA Biology, 2015, 12, 1338-1354.	1.5	10
94	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.	1.2	10
95	Isolated Potato Virus A coat protein possesses unusual properties and forms different short virus-like particles. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1728-1738.	2.0	10
96	Polymorphism of Î”3,5-Î”2,4-dienoyl-coenzyme A isomerase (the ECH1 gene product protein) in human striated muscle tissue. Biochemistry (Moscow), 2006, 71, 448-453.	0.7	9
97	Reorganization of low-molecular-weight fraction of plasma proteins in the annual cycle of cyprinidae. Biochemistry (Moscow), 2015, 80, 208-218.	0.7	9
98	NqrM (DUF539) Protein Is Required for Maturation of Bacterial Na ⁺ -Translocating NADH:Quinone Oxidoreductase. Journal of Bacteriology, 2016, 198, 655-663.	1.0	9
99	Oligomeric protein complexes of apolipoproteins stabilize the internal fluid environment of organism in redfins of the Tribolodon genus [Pisces; Cypriniformes, Cyprinidae]. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 22, 90-97.	0.4	9
100	S-Acylation of Proteins. Methods in Molecular Biology, 2019, 1934, 265-291.	0.4	9
101	The GAR domain integrates functions that are necessary for the proper localization of fibrillarin (FBL) inside eukaryotic cells. PeerJ, 2020, 8, e9029.	0.9	9
102	Exploring Peptaibolâ€™s Profile, Antifungal, and Antitumor Activity of Emericellipsin A of Emericellopsis Species from Soda and Saline Soils. Molecules, 2022, 27, 1736.	1.7	9
103	Expression of catalytic antibodies in eukaryotic systems. Molecular Biology, 2011, 45, 74-81.	0.4	8
104	Physicochemical Properties, Toxicity, and Specific Activity of a Follitropin Alpha Biosimilar. Pharmaceutical Chemistry Journal, 2017, 50, 753-760.	0.3	8
105	Differential S-acylation of Enveloped Viruses. Protein and Peptide Letters, 2019, 26, 588-600.	0.4	8
106	Peculiarities of hemoglobin interaction with serum proteins of mice with Ehrlich carcinoma. Bulletin of Experimental Biology and Medicine, 2006, 141, 624-627.	0.3	7
107	Mass spectrometric approaches to study enveloped viruses: New possibilities for structural biology and prophylactic medicine. Biochemistry (Moscow), 2012, 77, 830-842.	0.7	7
108	Trastuzumab and pertuzumab plant biosimilars: Modification of Asn297-linked glycan of the mAbs produced in a plant with fucosyltransferase and xylosyltransferase gene knockouts. Biochemistry (Moscow), 2017, 82, 510-520.	0.7	7

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109	Novel applications of modification of thiol enzymes and redox-regulated proteins using S-methyl methanethiosulfonate (MMTS). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 140259.	1.1	7
110	Surface characterization of the thermal remodeling helical plant virus. PLoS ONE, 2019, 14, e0216905.	1.1	7
111	Novel Escherichia coli RNA Polymerase Binding Protein Encoded by Bacteriophage T5. Viruses, 2020, 12, 807.	1.5	7
112	Responses of Acholeplasma laidlawii PG8 cells to cold shock and oxidative stress: Proteomic analysis and stress-reactive mycoplasma proteins. Doklady Biochemistry and Biophysics, 2010, 432, 126-130.	0.3	6
113	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.	1.1	6
114	Oligoglutamylation of E.Âcoli ribosomal protein S6 is under growth phase control. Biochimie, 2019, 167, 61-67.	1.3	6
115	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. MBio, 2019, 10, .	1.8	6
116	Mutational analysis of the flavinylation and binding motifs in two protein targets of the flavin transferase ApbE. FEMS Microbiology Letters, 2019, 366, .	0.7	6
117	The flavin transferase ApbE flavinylates the ferredoxin:NAD+-oxidoreductase Rnf required for N2 fixation in Azotobacter vinelandii. FEMS Microbiology Letters, 2021, 368, .	0.7	6
118	Identification of Phytaspase Interactors via the Proximity-Dependent Biotin-Based Identification Approach. International Journal of Molecular Sciences, 2021, 22, 13123.	1.8	6
119	Isolation and Characterization of a Novel Hydrophobin, Sa-HFB1, with Antifungal Activity from an Alkaliphilic Fungus, Sodiomyces alkalinus. Journal of Fungi (Basel, Switzerland), 2022, 8, 659.	1.5	6
120	Study of the chemical structures of the photo-cross-linking products between Tyr and the 5-azido-2-nitrobenzoyl residue. Journal of Photochemistry and Photobiology B: Biology, 2000, 54, 16-25.	1.7	5
121	Isolation of the Influenza A HA2 C-terminal segment by combination of nonionic detergents. Advances in Experimental Medicine and Biology, 2009, 611, 311-312.	0.8	5
122	Byproduct with Altered Fluorescent Properties Is Formed during Standard Deprotection Step of Hexachlorofluorescein Labeled Oligonucleotides. Bioconjugate Chemistry, 2009, 20, 1441-1443.	1.8	5
123	Mechanisms of perioperative corneal abrasions: Alterations in the tear film proteome. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2017, 11, 186-193.	0.2	5
124	Application of Langmuirâ€“Blodgett technology for the analysis of saturated fatty acids using the MALDI-TOF mass spectrometry. Mendeleev Communications, 2018, 28, 337-339.	0.6	5
125	Modification by glyceraldehyde-3-phosphate prevents amyloid transformation of alpha-synuclein. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 396-404.	1.1	5
126	Direct detection of cysteine peptidases for MALDI-TOF MS analysis using fluorogenic substrates. Analytical Biochemistry, 2019, 567, 45-50.	1.1	5

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127	Histidine-Triad Hydrolases Provide Resistance to Peptide-Nucleotide Antibiotics. MBio, 2020, 11, .	1.8	5
128	A Novel, NADH-Dependent Acrylate Reductase in Vibrio harveyi. Applied and Environmental Microbiology, 2022, 88, .	1.4	5
129	Non-Stressful Death of 23S rRNA Mutant G2061C Defective in Puromycin Reaction. Journal of Molecular Biology, 2012, 416, 656-667.	2.0	4
130	Mass spectrometry analysis of influenza virus reassortant clones does not reveal an influence of other viral proteins on S-acylation of hemagglutinin. Archives of Virology, 2013, 158, 467-472.	0.9	4
131	Neutrophil Adhesion and the Release of the Free Amino Acid Hydroxylysine. Cells, 2021, 10, 563.	1.8	4
132	<scp>NS1</scp> â€mediated upregulation of <scp>ZDHHC22</scp> acyltransferase in influenza a virus infected cells. Cellular Microbiology, 2021, 23, e13322.	1.1	4
133	Alterations in proteome of human sclera associated with primary open-angle glaucoma involve proteins participating in regulation of the extracellular matrix. Molecular Vision, 2020, 26, 623-640.	1.1	4
134	Inhibitor of Hyaluronic Acid Synthesis 4-Methylumbelliferone Suppresses the Secretory Processes That Ensure the Invasion of Neutrophils into Tissues and Induce Inflammation. Biomedicines, 2022, 10, 314.	1.4	4
135	Complex of HIV-1 Integrase with Cellular Ku Protein: Interaction Interface and Search for Inhibitors. International Journal of Molecular Sciences, 2022, 23, 2908.	1.8	4
136	Recombinant Cathepsin L of Tribolium castaneum and Its Potential in the Hydrolysis of Immunogenic Gliadin Peptides. International Journal of Molecular Sciences, 2022, 23, 7001.	1.8	4
137	Comparative Analysis of Different Typing Methods for Helicobacter pylori Clinical Isolates. Biochemistry (Moscow), 2004, 69, 536-541.	0.7	3
138	Proteomic characterization of Mycoplasma gallisepticum nanoforming. Biochemistry (Moscow), 2010, 75, 1252-1257.	0.7	3
139	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.	0.7	3
140	Conformational changes in inter-Î±-trypsin inhibitor heavy chain 4 activate its tumor-specific activity in mice with B16 melanoma. Molecular Medicine Reports, 2015, 12, 4483-4493.	1.1	3
141	Proteolytic degradation patterns of the receptor for advanced glycation end products peptide fragments correlate with their neuroprotective activity in Alzheimer's disease models. Drug Development Research, 2021, 82, 1217-1226.	1.4	3
142	Inhibition of Neutrophil Secretion Upon Adhesion as a Basis for the Anti-Inflammatory Effect of the Tricyclic Antidepressant Imipramine. Frontiers in Pharmacology, 2021, 12, 709719.	1.6	3
143	Ca2+ -mediated interaction between negatively charged and neutral liposomes. FEBS Letters, 1992, 313, 169-172.	1.3	2
144	Adaptation of mycoplasmas to adverse environments: Phytopathogenicity and peculiarities of protein expression of vegetative and nonculturable forms of Mycoplasma gallisepticum S6 cells. Doklady Biochemistry and Biophysics, 2009, 428, 273-276.	0.3	2

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145	Structural features of the low-molecular-weight plasma fraction in far eastern redfins of the genus Tribolodon and other cyprinid fishes. Russian Journal of Marine Biology, 2015, 41, 60-68.	0.2	2
146	Characterization of the 20S proteasome of the lepidopteran, Spodoptera frugiperda. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 840-853.	1.1	2
147	Filamentous versus Spherical Morphology: A Case Study of the Recombinant A/WSN/33 (H1N1) Virus. Microscopy and Microanalysis, 2020, 26, 297-309.	0.2	2
148	Long-lived reactive intermediate photogenerated from N-(5-azido-2-nitrobenzoyl)-Nâ€²-(d-biotinyl)-1,2-diaminoethane as an affinity reagent to streptavidin. Journal of Photochemistry and Photobiology B: Biology, 2001, 61, 68-77.	1.7	1
149	Photoactivatable Analogues of the Initiating Substrates of RNA Polymerase II Based on Aryl Azide Derivatives of NTP Î³-Amidophosphate: Synthesis and Chemical and Photochemical Reactions of Functional Groups. Russian Journal of Bioorganic Chemistry, 2005, 31, 332-343.	0.3	1
150	Isolation of Influenza Virus A Hemagglutinin C-Terminal Domain by Hemagglutinin Proteolysis in Octylglucoside Micelles. Protein and Peptide Letters, 2006, 13, 907-913.	0.4	1
151	Studies of the pathogenesis of slow neuroinfections using proteomic techniques. Neurochemical Journal, 2007, 1, 318-325.	0.2	1
152	Determination of the â€œAmino Acid Conflictsâ€•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.	0.2	1
153	Why do p-nitro-substituted aryl azides provide unintended dark reactions with proteins?. Journal of Photochemistry and Photobiology B: Biology, 2010, 100, 19-29.	1.7	1
154	New allelic variant of triosephosphate isomerase found in cultured tumor cells of human prostate. Molecular Genetics, Microbiology and Virology, 2011, 26, 14-20.	0.0	1
155	Thioester Bond Liability: Study on Natural Influenza and Model Acylpeptides. , 2006, , 307-308.		0
156	Application of Palladium-Catalyzed Amination to the Synthesis of Polyazamacrocycles Containing 3,5-Disubstituted Pyridine.. ChemInform, 2006, 37, no.	0.1	0
157	Age-related changes in albumin and actin of human myocardium. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2008, 2, 160-165.	0.2	0
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