

Angela Chambery

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

2,547
citations

27
h-index

40
g-index

148
ext. papers

2,972
ext. citations

4.4
avg, IF

4.64
L-index

#	Paper	IF	Citations
142	Insulin-like growth factor binding proteins 4 and 7 released by senescent cells promote premature senescence in mesenchymal stem cells. <i>Cell Death and Disease</i> , 2013 , 4, e911	9.8	114
141	Photoinduced addition of glycosyl thiols to alkynyl peptides: use of free-radical thiol-yne coupling for post-translational double-glycosylation of peptides. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4644-7	4.2	87
140	Cancer-selective targeting of the NF- κ B survival pathway with GADD45/MKK7 inhibitors. <i>Cancer Cell</i> , 2014 , 26, 495-508	24.3	77
139	Strategies of attack and defence in woody plant-Phytophthora interactions. <i>Forest Pathology</i> , 2014 , 44, 169-190	1.2	76
138	Saliva from obese individuals suppresses the release of aroma compounds from wine. <i>PLoS ONE</i> , 2014 , 9, e85611	3.7	70
137	The effects of ohmic and conventional blanching on the nutritional, bioactive compounds and quality parameters of artichoke heads. <i>LWT - Food Science and Technology</i> , 2013 , 53, 569-579	5.4	67
136	Ribosome-inactivating proteins in edible plants and purification and characterization of a new ribosome-inactivating protein from Cucurbita moschata. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 783-92	4	59
135	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. <i>Neuropharmacology</i> , 2013 , 67, 155-67	5.5	56
134	Glycoside and peptide clustering around the octasilsesquioxane scaffold via photoinduced free-radical thiol-ene coupling. The observation of a striking glycoside cluster effect. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 3269-77	3.9	55
133	Characterization and kinetics studies of water buffalo (Bubalus bubalis) myoglobin. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006 , 145, 230-8	2.3	50
132	Peptide fingerprint of high quality Campania white wines by MALDI-TOF mass spectrometry. <i>Food Chemistry</i> , 2009 , 113, 1283-1289	8.5	48
131	Improved procedure for protein binder analysis in mural painting by LC-ESI/Q-q-TOF mass spectrometry: detection of different milk species by casein proteotypic peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 2281-91	4.4	46
130	Single and dual glycoside clustering around calix[4]arene scaffolds via click thiol-ene coupling and azide-alkyne cycloaddition. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3910-3	3.9	46
129	Modular approach to triazole-linked 1,6- β -D-oligomannosides to the discovery of inhibitors of Mycobacterium tuberculosis cell wall synthetase. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6326-36	4.2	45
128	Psychrophilic superoxide dismutase from Pseudoalteromonas haloplanktis: biochemical characterization and identification of a highly reactive cysteine residue. <i>Biochimie</i> , 2006 , 88, 1377-89	4.6	37
127	Activation of 5-HT7 receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 62	3.5	35
126	Detection of buffalo mozzarella adulteration by an ultra-high performance liquid chromatography tandem mass spectrometry methodology. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1407-14	2.2	35

125	PNA-based artificial nucleases as antisense and anti-miRNA oligonucleotide agents. <i>Molecular BioSystems</i> , 2011 , 7, 2490-9		35
124	Isolation and characterization of heterotepalins, type 1 ribosome-inactivating proteins from <i>Phytolacca heterotepala</i> leaves. <i>Phytochemistry</i> , 2007 , 68, 767-76	4	35
123	Characterization of highly toxic type 2 ribosome-inactivating proteins from <i>Adenia lanceolata</i> and <i>Adenia stenodactyla</i> (Passifloraceae). <i>Toxicon</i> , 2007 , 50, 94-105	2.8	35
122	Free-radical hydrothiolation of glycals: a thiol-ene-based synthesis of S-disaccharides. <i>Tetrahedron Letters</i> , 2012 , 53, 702-704	2	34
121	Pathways affected by 3,5-diiodo-L-thyronine in liver of high fat-fed rats: evidence from two-dimensional electrophoresis, blue-native PAGE, and mass spectrometry. <i>Molecular BioSystems</i> , 2010 , 6, 2256-71		33
120	Structural characterization and comparative modeling of PD-Ls 1-3, type 1 ribosome-inactivating proteins from summer leaves of <i>Phytolacca dioica</i> L. <i>Biochimie</i> , 2009 , 91, 352-63	4.6	33
119	Proteomic analysis of MCF-7 breast cancer cell line exposed to mitogenic concentration of 17beta-estradiol. <i>Proteomics</i> , 2006 , 6, 5973-82	4.8	33
118	The chemical synthesis of the GstI protein by NCL on a X-Met site. <i>Biopolymers</i> , 2006 , 83, 508-18	2.2	30
117	Glutathionylation of the iron superoxide dismutase from the psychrophilic eubacterium <i>Pseudoalteromonas haloplanktis</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008 , 1784, 816-26	4	29
116	Oleanane saponins from <i>Bellis sylvestris</i> Cyr. and evaluation of their phytotoxicity on <i>Aegilops geniculata</i> Roth. <i>Phytochemistry</i> , 2012 , 84, 125-34	4	27
115	Temporal proteomic profiling of embryonic stem cell secretome during cardiac and neural differentiation. <i>Proteomics</i> , 2011 , 11, 3972-82	4.8	27
114	Metabolomic approach for a rapid identification of natural products with cytotoxic activity against human colorectal cancer cells. <i>Scientific Reports</i> , 2018 , 8, 5309	4.9	26
113	Rat mitochondrial manganese superoxide dismutase: amino acid positions involved in covalent modifications, activity, and heat stability. <i>Biopolymers</i> , 2009 , 91, 1215-26	2.2	26
112	Invariant Ser211 is involved in the catalysis of PD-L4, type I RIP from <i>Phytolacca dioica</i> leaves. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 67, 209-18	4.2	26
111	RIP1-HAT1-SIRT Complex Identification and Targeting in Treatment and Prevention of Cancer. <i>Clinical Cancer Research</i> , 2018 , 24, 2886-2900	12.9	24
110	Type 1 ribosome-inactivating proteins from <i>Phytolacca dioica</i> L. leaves: differential seasonal and age expression, and cellular localization. <i>Planta</i> , 2008 , 228, 963-75	4.7	22
109	Proteomic analysis of human U937 cell line activation mediated by <i>Haemophilus influenzae</i> type b P2 porin and its surface-exposed loop 7. <i>Journal of Proteome Research</i> , 2010 , 9, 1050-62	5.6	21
108	Volkensin from <i>Adenia volkensii</i> Harms (kilyambiti plant), a type 2 ribosome-inactivating protein. <i>FEBS Journal</i> , 2004 , 271, 108-17		21

107	Interactome mapping defines BRG1, a component of the SWI/SNF chromatin remodeling complex, as a new partner of the transcriptional regulator CTCF. <i>Journal of Biological Chemistry</i> , 2019 , 294, 861-873	5.4	21
106	De-regulated expression of the BRG1 chromatin remodeling factor in bone marrow mesenchymal stromal cells induces senescence associated with the silencing of NANOG and changes in the levels of chromatin proteins. <i>Cell Cycle</i> , 2015 , 14, 1315-26	4.7	20
105	Cystatin B Involvement in Synapse Physiology of Rodent Brains and Human Cerebral Organoids. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 195	6.1	20
104	Structural and biochemical insights of CypA and AIF interaction. <i>Scientific Reports</i> , 2017 , 7, 1138	4.9	20
103	Evaluation of salivary adiponectin profile in obese patients. <i>Peptides</i> , 2015 , 63, 150-5	3.8	20
102	Convergent synthesis and inclusion properties of novel Cn-symmetric triazole-linked cycloglucopyranosides. <i>Chemical Communications</i> , 2011 , 47, 1240-2	5.8	20
101	Characterization and putative role of a type I gonadotropin-releasing hormone in the cephalochordate amphioxus. <i>Endocrinology</i> , 2009 , 150, 812-20	4.8	20
100	Structure elucidation and hepatotoxicity evaluation against HepG2 human cells of neo-clerodane diterpenes from <i>Teucrium polium</i> L. <i>Phytochemistry</i> , 2011 , 72, 2037-44	4	19
99	Thyroid-state influence on protein-expression profile of rat skeletal muscle. <i>Journal of Proteome Research</i> , 2007 , 6, 3187-96	5.6	19
98	Proteomic profiling of human melanoma metastatic cell line secretomes. <i>Journal of Proteome Research</i> , 2011 , 10, 4703-14	5.6	17
97	Proteomic characterization of early changes induced by triiodothyronine in rat liver. <i>Journal of Proteome Research</i> , 2011 , 10, 3212-24	5.6	17
96	Proteomic profiling of proliferating and differentiated neural mes-c-myc A1 cell line from mouse embryonic mesencephalon by LC-MS. <i>Journal of Proteome Research</i> , 2009 , 8, 227-38	5.6	17
95	Primary structure and glycan moiety characterization of PD-Ss, type 1 ribosome-inactivating proteins from <i>Phytolacca dioica</i> L. seeds, by precursor ion discovery on a Q-TOF mass spectrometer. <i>Phytochemistry</i> , 2008 , 69, 1973-82	4	17
94	A proteomics approach to identify protein expression changes in rat liver following administration of 3,5,3-Triiodo-L-thyronine. <i>Journal of Proteome Research</i> , 2006 , 5, 2317-27	5.6	17
93	Proteomic analysis of MCF-7 cell lines expressing the zinc-finger or the proline-rich domain of retinoblastoma-interacting-zinc-finger protein. <i>Journal of Proteome Research</i> , 2006 , 5, 1176-85	5.6	17
92	Highlighting the effects of coumarin on adult plants of <i>Arabidopsis thaliana</i> (L.) Heynh. by an integrated -omic approach. <i>Journal of Plant Physiology</i> , 2017 , 213, 30-41	3.6	16
91	Switchable Protecting Strategy for Solid Phase Synthesis of DNA and RNA Interacting Nucleopeptides. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11612-11625	4.2	16
90	Rapid primary structure determination of myoglobins by a complementary approach based on mass spectrometry and Edman degradation. <i>Food Chemistry</i> , 2012 , 133, 1646-1652	8.5	16

89	Qualitative and quantitative proteomic profiling of cripto(-/-) embryonic stem cells by means of accurate mass LC-MS analysis. <i>Journal of Proteome Research</i> , 2009 , 8, 1047-58	5.6	16
88	Structure/function studies on two type 1 ribosome inactivating proteins: Bouganin and lychnin. <i>Journal of Structural Biology</i> , 2009 , 168, 278-87	3.4	16
87	Rapid detection of water buffalo ricotta adulteration or contamination by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 497-503	2.2	16
86	Ultra-high performance liquid chromatography tandem mass spectrometry for the detection of durum wheat contamination or adulteration. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 1239-46	2.2	15
85	An integrated approach based on multiplexed protein array and iTRAQ labeling for in-depth identification of pathways associated to IVF outcome. <i>PLoS ONE</i> , 2013 , 8, e77303	3.7	15
84	Crystal structure of PD-L1, a ribosome inactivating protein from <i>Phytolacca dioica</i> L. leaves with the property to induce DNA cleavage. <i>Biopolymers</i> , 2009 , 91, 1135-42	2.2	15
83	Atomic resolution (1.1 Å) structure of the ribosome-inactivating protein PD-L4 from <i>Phytolacca dioica</i> L. leaves. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 71, 8-15	4.2	15
82	Polar and non-polar organic binder characterization in Pompeian wall paintings: comparison to a simulated painting mimicking an "a secco" technique. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 3011-6	4.4	14
81	Anti-amyloidogenic property of human gastrokine 1. <i>Biochimie</i> , 2014 , 106, 91-100	4.6	14
80	Analysis of secreted proteins. <i>Methods in Molecular Biology</i> , 2013 , 1002, 37-60	1.4	14
79	Differential cold-adaptation among protein components of the thioredoxin system in the psychrophilic eubacterium <i>Pseudoalteromonas haloplanktis</i> TAC 125. <i>Molecular BioSystems</i> , 2009 , 5, 519-28		14
78	Combined effect of gender and caloric restriction on liver proteomic expression profile. <i>Journal of Proteome Research</i> , 2008 , 7, 2872-81	5.6	14
77	Sequence determination of lychnin, a type 1 ribosome-inactivating protein from <i>Lychnis chalconica</i> seeds. <i>Biological Chemistry</i> , 2006 , 387, 1261-6	4.5	14
76	Ultra-performance liquid chromatography/multiple reaction monitoring mass spectrometry quantification of trastuzumab in human serum by selective monitoring of a specific peptide marker from the antibody complementarity-determining regions. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1184-1192	2.2	13
75	Probing the interaction interface of the GADD45/MKK7 and MKK7/DTP3 complexes by chemical cross-linking mass spectrometry. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 114-123	7.9	13
74	Comparison of binder compositions in Pompeian wall painting styles from <i>Insula Occidentalis</i> . <i>Chemistry Central Journal</i> , 2014 , 8, 65		13
73	Structural insights into nucleotide and protein sequence of Ageritin: a novel prototype of fungal ribotoxin. <i>Journal of Biochemistry</i> , 2019 , 165, 415-422	3.1	13
72	Analysis of interaction partners for eukaryotic translation elongation factor 1A M-domain by functional proteomics. <i>Biochimie</i> , 2011 , 93, 1738-46	4.6	12

71	Crystallization and preliminary X-ray diffraction analysis of PD-L1, a highly glycosylated ribosome inactivating protein with DNase activity. <i>Protein and Peptide Letters</i> , 2007 , 14, 407-9	1.9	12
70	Molecular profiling of the <i>Phytophthora plurivora</i> secretome: a step towards understanding the cross-talk between plant pathogenic oomycetes and their hosts. <i>PLoS ONE</i> , 2014 , 9, e112317	3.7	12
69	Phosphoproteomic analysis sheds light on intracellular signaling cascades triggered by Formyl-Peptide Receptor 2. <i>Scientific Reports</i> , 2019 , 9, 17894	4.9	12
68	Wheat Subtilisin/Chymotrypsin Inhibitor (WSCI) as a scaffold for novel serine protease inhibitors with a given specificity. <i>Molecular BioSystems</i> , 2012 , 8, 3335-43		11
67	Characterization of a cold-adapted glutathione synthetase from the psychrophile <i>Pseudoalteromonas haloplanktis</i> . <i>Molecular BioSystems</i> , 2012 , 8, 2405-14		11
66	Quantitative neuroproteomics: classical and novel tools for studying neural differentiation and function. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 77-93	6.4	11
65	The role of the glycan moiety on the structure-function relationships of PD-L1, type 1 ribosome-inactivating protein from <i>P. dioica</i> leaves. <i>Molecular BioSystems</i> , 2010 , 6, 570-9		11
64	Properties of a putative cambialistic superoxide dismutase from the aerotolerant bacterium <i>Streptococcus thermophilus</i> strain LMG 18311. <i>Protein and Peptide Letters</i> , 2012 , 19, 333-44	1.9	11
63	Cystatin B is essential for proliferation and interneuron migration in individuals with EPM1 epilepsy. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11419	12	11
62	Molecular characterization of myoglobin from <i>Sciurus vulgaris meridionalis</i> : Primary structure, kinetics and spectroscopic studies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017 , 1865, 499-509	4	10
61	Preclinical toxicology and safety pharmacology of the first-in-class GADD45/MKK7 inhibitor and clinical candidate, DTP3. <i>Toxicology Reports</i> , 2019 , 6, 369-379	4.8	10
60	AMP18 interacts with the anion exchanger SLC26A3 and enhances its expression in gastric cancer cells. <i>Biochimie</i> , 2016 , 121, 151-60	4.6	10
59	Secretome profiling of differentiated neural mes-c-myc A1 cell line endowed with stem cell properties. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2385-95	4	10
58	A Bowman-Birk inhibitor with anti-elastase activity from <i>Lathyrus sativus</i> L. seeds. <i>Molecular BioSystems</i> , 2011 , 7, 2500-7		10
57	Proteomic profiling of medial degeneration in human ascending aorta. <i>Clinical Biochemistry</i> , 2010 , 43, 387-96	3.5	10
56	Chemical synthesis of mouse cripto CFC variants. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 64, 779-88	4.2	10
55	Clinical proof of concept for a safe and effective NF- κ B-targeting strategy in multiple myeloma. <i>British Journal of Haematology</i> , 2019 , 185, 588-592	4.5	10
54	Phytochemical study of <i>Helichrysum italicum</i> (Roth) G. Don: Spectroscopic elucidation of unusual amino-phlorogucinols and antimicrobial assessment of secondary metabolites from medium-polar extract. <i>Phytochemistry</i> , 2016 , 132, 86-94	4	9

53	A comparative structural and bioanalytical study of IVIG clinical lots. <i>Molecular Biotechnology</i> , 2013 , 54, 983-95	3	9
52	A targeted secretome profiling by multiplexed immunoassay revealed that secreted chemokine ligand 2 (MCP-1/CCL2) affects neural differentiation in mesencephalic neural progenitor cells. <i>Proteomics</i> , 2015 , 15, 714-24	4.8	9
51	Characterization of pigments and ligands in a wall painting fragment from Liternum archaeological park (Italy). <i>Journal of Separation Science</i> , 2012 , 35, 2986-93	3.4	9
50	A novel polygalacturonase-inhibiting protein (PGIP) from <i>Lathyrus sativus</i> L. seeds. <i>Protein and Peptide Letters</i> , 2012 , 19, 820-5	1.9	9
49	Precursor ion discovery on a hybrid quadrupole-time-of-flight mass spectrometer for gonadotropin-releasing hormone detection in complex biological mixtures. <i>Analytical Biochemistry</i> , 2008 , 374, 335-45	3.1	9
48	Reliable identification of lactic acid bacteria by targeted and untargeted high-resolution tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 285, 111-118	8.5	8
47	Differential Secretome Profiling of Human Osteoarthritic Synoviocytes Treated with Biotechnological Unsulfated and Marine Sulfated Chondroitins. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
46	Secretome profiling of cytokines and growth factors reveals that neuro-glial differentiation is associated with the down-regulation of Chemokine Ligand 2 (MCP-1/CCL2) in amniotic fluid derived-mesenchymal progenitor cells. <i>Proteomics</i> , 2016 , 16, 674-88	4.8	8
45	Purification and characterization of novel cationic peroxidases from <i>Asparagus acutifolius</i> L. with biotechnological applications. <i>Molecular Biotechnology</i> , 2014 , 56, 738-46	3	8
44	Modeling the 3D structure of wheat subtilisin/chymotrypsin inhibitor (WSCI). Probing the reactive site with two susceptible proteinases by time-course analysis and molecular dynamics simulations. <i>Biological Chemistry</i> , 2006 , 387, 931-40	4.5	8
43	Molecular fingerprint of the alcoholic Grappa beverage by mass spectrometry techniques. <i>Food Research International</i> , 2015 , 72, 106-114	7	7
42	Immunological effects of adjuvants in subsets of antigen presenting cells of cancer patients undergoing chemotherapy. <i>Journal of Translational Medicine</i> , 2020 , 18, 34	8.5	7
41	Physiological characterization and quantitative proteomic analyses of metabolically engineered <i>E. coli</i> K4 strains with improved pathways for capsular polysaccharide biosynthesis. <i>Biotechnology and Bioengineering</i> , 2018 , 115, 1801-1814	4.9	7
40	Muskox myoglobin: purification, characterization and kinetics studies compared with cattle and water buffalo myoglobins. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 6278-6286	4.3	7
39	Mass spectrometry-based protein and peptide profiling for food frauds, traceability and authenticity assessment. <i>Food Chemistry</i> , 2021 , 365, 130456	8.5	7
38	Macrophage Migration Inhibitory Factor Is a Molecular Determinant of the Anti-EGFR Monoclonal Antibody Cetuximab Resistance in Human Colorectal Cancer Cells. <i>Cancers</i> , 2019 , 11,	6.6	6
37	Myoglobin from common pheasant (<i>Phasianus colchicus</i> L.): Purification and primary structure characterization. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12477	3.3	6
36	The cold-adapted α -glutamyl-cysteine ligase from the psychrophile <i>Pseudoalteromonas haloplanktis</i> . <i>Biochimie</i> , 2014 , 104, 50-60	4.6	6

35	Cloning and expression of the B chain of volkensin, type 2 ribosome inactivating protein from <i>Adenia volkensii</i> harms: co-folding with the A chain for heterodimer reconstitution. <i>Protein Expression and Purification</i> , 2007 , 51, 209-15	2	6
34	Ageritin from Pioppino Mushroom: The Prototype of Ribotoxin-Like Proteins, a Novel Family of Specific Ribonucleases in Edible Mushrooms. <i>Toxins</i> , 2021 , 13,	4.9	6
33	Trifluoroacetylated tyrosine-rich D-tetrapeptides have potent antioxidant activity. <i>Peptides</i> , 2017 , 89, 50-59	3.8	5
32	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 2539-2550	3.4	5
31	The striatal-enriched protein Rhes is a critical modulator of cocaine-induced molecular and behavioral responses. <i>Scientific Reports</i> , 2019 , 9, 15294	4.9	5
30	Crystallization and preliminary X-ray diffraction analysis of PD-L4, a ribosome inactivating protein from <i>Phytolacca dioica</i> L. leaves. <i>Protein and Peptide Letters</i> , 2007 , 14, 97-100	1.9	5
29	Synthetic Peptide Libraries: From Random Mixtures to In Vivo Testing. <i>Current Medicinal Chemistry</i> , 2020 , 27, 997-1016	4.3	5
28	The Structural Characterization and Antipathogenic Activities of Quinoic, a Type 1 Ribosome-Inactivating Protein from Quinoa Seeds. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
27	Spectroscopic Characterization and Cytotoxicity Assessment towards Human Colon Cancer Cell Lines of Acylated Cycloartane Glycosides from <i>L. Molecules</i> , 2019 , 24,	4.8	4
26	Structural characterization of dioicin 1 from <i>Phytolacca dioica</i> L. gains novel insights into phylogenetic relationships of Phytolaccaceae type 1 RIPs. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 463, 732-8	3.4	4
25	The Pan-Sirtuin Inhibitor MC2494 Regulates Mitochondrial Function in a Leukemia Cell Line. <i>Frontiers in Oncology</i> , 2020 , 10, 820	5.3	4
24	Insight into the structural and functional features of myoglobin from <i>Hystrix cristata</i> L. and <i>Rangifer tarandus</i> L.. <i>RSC Advances</i> , 2015 , 5, 26388-26401	3.7	4
23	De novo sequencing and characterization of a novel Bowman-Birk inhibitor from <i>Lathyrus sativus</i> L. seeds by electrospray mass spectrometry. <i>Molecular BioSystems</i> , 2012 , 8, 3232-41		4
22	Isolation, characterization and structure-elicitor activity relationships of hibernalin and its two oxidized forms from <i>Phytophthora hibernalis</i> Carne 1925. <i>Journal of Biochemistry</i> , 2008 , 143, 131-41	3.1	4
21	Exploring the Interaction between the SWI/SNF Chromatin Remodeling Complex and the Zinc Finger Factor CTCF. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
20	Functional analysis of elicitors and identification of cell wall proteins in <i>Phytophthora cinnamomi</i> . <i>Physiological and Molecular Plant Pathology</i> , 2019 , 107, 21-32	2.6	3
19	Immobilised peroxidases from <i>Asparagus acutifolius</i> L. seeds for olive mill waste water treatment. <i>RSC Advances</i> , 2014 , 4, 61482-61490	3.7	3
18	Type 1 Ribosome-Inactivating Proteins from the Ombú Tree (<i>Phytolacca dioica</i> L.). <i>Plant Cell Monographs</i> , 2010 , 79-106	0.6	3

17	Quantification of thyrotropin-releasing hormone by liquid chromatography-electrospray mass spectrometry. <i>Amino Acids</i> , 2010 , 38, 1031-41	3.5	3
16	Insights into the Interaction Mechanism of DTP3 with MKK7 by Using STD-NMR and Computational Approaches. <i>Biomedicines</i> , 2020 , 9,	4.8	3
15	Structural Elucidation of Saponins: A Combined Approach Based on High-Resolution Spectroscopic Techniques. <i>Studies in Natural Products Chemistry</i> , 2015 , 45, 85-120	1.5	2
14	A multianalytical approach to investigate the effect of nanofiltration on plasma-derived factor IX clinical lots. <i>Analytical Biochemistry</i> , 2018 , 542, 1-10	3.1	2
13	Immunodepletion of Plurivirin effector leads to loss of virulence of <i>Phytophthora plurivora</i> towards <i>Fagus sylvatica</i> . <i>Forest Pathology</i> , 2017 , 47, e12362	1.2	2
12	Copper(I)-Catalyzed Azide-Alkyne Cycloadditions in Ionic Liquids under Amine-Free Conditions. <i>Synthesis</i> , 2010 , 2010, 2043-2048	2.9	2
11	Redesigning the reactive site loop of the wheat subtilisin/chymotrypsin inhibitor (WSCI) by site-directed mutagenesis. A protein-protein interaction study by affinity chromatography and molecular modeling. <i>Biochimie</i> , 2009 , 91, 1112-22	4.6	2
10	Analysis of nickel-binding peptides in a human hepidermoid cancer cell line by Ni-NTA affinity chromatography and mass spectrometry. <i>Protein and Peptide Letters</i> , 2008 , 15, 1126-31	1.9	2
9	Correlation of structure, function and protein dynamics in myoglobins from Eurasian woodcock, chicken and ostrich. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 851-866	3.6	2
8	Investigating the oxidative refolding mechanism of Cripto-1 CFC domain. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 1179-1189	7.9	1
7	Ribosome-inactivating Proteins from Phytolaccaceae 2014 , 28-43		1
6	Two new acylated drimane-type sesquiterpene glucosides from <i>Petrohragia saxifraga</i> . <i>Phytochemistry Letters</i> , 2014 , 7, 46-51	1.9	1
5	Structural analysis of toxic volkensin, a type 2 ribosome inactivating protein from <i>Adenia volkensii</i> Harm (kilyambiti plant): molecular modeling and surface analysis by computational methods and limited proteolysis. <i>International Journal of Biological Macromolecules</i> , 2009 , 45, 407-13	7.9	1
4	Development of a New Highly Selective Monoclonal Antibody against Preferentially Expressed Antigen in Melanoma (PRAME) and Identification of the Target Epitope by Bio-Layer Interferometry. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
3	ZBTB2 protein is a new partner of the Nucleosome Remodeling and Deacetylase (NuRD) complex. <i>International Journal of Biological Macromolecules</i> , 2021 , 168, 67-76	7.9	1
2	Characterization and kinetics studies of water buffalo (<i>Bubalus bubalis</i>) myoglobin. <i>Italian Journal of Animal Science</i> , 2007 , 6, 1210-1213	2.2	
1	Identification of Lactic Acid Bacteria in Food Matrices by High-Resolution Nano-LC-ESI MS/MS 2022 , 193-210		