

# Andrea Scaloni

## List of Publications by Year in descending order

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344  
papers

13,385  
citations

18436

62  
h-index

39575

94  
g-index

350  
all docs

350  
docs citations

350  
times ranked

15576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of the catalytic domain of the tumor-associated human carbonic anhydrase IX. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16233-16238.	3.3	451
2	Proteins as biomarkers of oxidative/nitrosative stress in diseases: The contribution of redox proteomics. Mass Spectrometry Reviews, 2005, 24, 55-99.	2.8	392
3	A Novel White Laccase from <i>Pleurotus ostreatus</i> . Journal of Biological Chemistry, 1997, 272, 31301-31307.	1.6	297
4	Purification, structural characterization, cloning and immunocytochemical localization of chemoreception proteins from <i>Schistocerca gregaria</i> . FEBS Journal, 1999, 262, 745-754.	0.2	280
5	Biochemical Characterization of CA IX, One of the Most Active Carbonic Anhydrase Isozymes. Journal of Biological Chemistry, 2008, 283, 27799-27809.	1.6	258
6	Redox Proteomics: Chemical Principles, Methodological Approaches and Biological/Biomedical Promises. Chemical Reviews, 2013, 113, 596-698.	23.0	222
7	APE1/Ref-1 Interacts with NPM1 within Nucleoli and Plays a Role in the rRNA Quality Control Process. Molecular and Cellular Biology, 2009, 29, 1834-1854.	1.1	209
8	The neutrophil gelatinase-associated lipocalin (NGAL), a NF- $\kappa$ B-regulated gene, is a survival factor for thyroid neoplastic cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14058-14063.	3.3	188
9	Structural Analysis and Disulfide-Bridge Pairing of Two Odorant-Binding Proteins from <i>Bombyx mori</i> . Biochemical and Biophysical Research Communications, 1999, 266, 386-391.	1.0	175
10	Protein and gene structure of a blue laccase from <i>Pleurotus ostreatus</i> . Biochemical Journal, 1999, 341, 655-663.	1.7	157
11	Proteins from bovine tissues and biological fluids: Defining a reference electrophoresis map for liver, kidney, muscle, plasma and red blood cells. Proteomics, 2003, 3, 440-460.	1.3	152
12	Exploring the Chicken Egg White Proteome with Combinatorial Peptide Ligand Libraries. Journal of Proteome Research, 2008, 7, 3461-3474.	1.8	150
13	Proteomic analysis of tomato fruits from two ecotypes during ripening. Proteomics, 2006, 6, 3781-3791.	1.3	148
14	The Structure of Rigidoporus lignosus Laccase Containing a Full Complement of Copper Ions, Reveals an Asymmetrical Arrangement for the T3 Copper Pair. Journal of Molecular Biology, 2004, 342, 1519-1531.	2.0	140
15	Glomerular Autoimmune Multicomponents of Human Lupus Nephritis In Vivo. Journal of the American Society of Nephrology: JASN, 2014, 25, 2483-2498.	3.0	112
16	Solution Structure of a Chemosensory Protein from the Desert Locust <i>Schistocerca gregaria</i> . Biochemistry, 2006, 45, 10606-10613.	1.2	111
17	Proteomic analysis of water soluble and myofibrillar protein changes occurring in dry-cured hams. Meat Science, 2005, 69, 479-491.	2.7	107
18	Chloroplast proteome response to drought stress and recovery in tomato ( <i>Solanum lycopersicum</i> L.). BMC Plant Biology, 2017, 17, 40.	1.6	107

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19	Mammalian APE1 controls miRNA processing and its interactome is linked to cancer RNA metabolism. <i>Nature Communications</i> , 2017, 8, 797.	5.8	107
20	Critical lysine residues within the overlooked N-terminal domain of human APE1 regulate its biological functions. <i>Nucleic Acids Research</i> , 2010, 38, 8239-8256.	6.5	105
21	Human Milk Proteins: An Interactomics and Updated Functional Overview. <i>Journal of Proteome Research</i> , 2010, 9, 3339-3373.	1.8	103
22	Transcriptomic and proteomic analysis of a compatible tomato-aphid interaction reveals a predominant salicylic acid-dependent plant response. <i>BMC Genomics</i> , 2013, 14, 515.	1.2	103
23	Nuclear localization of Galectin-3 in transformed thyroid cells: a role in transcriptional regulation. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 545-553.	1.0	102
24	Lipocalins of boar salivary glands binding odours and pheromones. <i>FEBS Journal</i> , 1998, 252, 563-568.	0.2	100
25	Nucleolar accumulation of APE1 depends on charged lysine residues that undergo acetylation upon genotoxic stress and modulate its BER activity in cells. <i>Molecular Biology of the Cell</i> , 2012, 23, 4079-4096.	0.9	99
26	Crystal structure of human carbonic anhydrase XIII and its complex with the inhibitor acetazolamide. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 74, 164-175.	1.5	97
27	Redox Potential Controls the Structure and DNA Binding Activity of the Paired Domain. <i>Journal of Biological Chemistry</i> , 1998, 273, 25062-25072.	1.6	95
28	Proteomic response to physiological fermentation stresses in a wild-type wine strain of <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2003, 370, 35-46.	1.7	94
29	A proteomic characterization of water buffalo milk fractions describing PTM of major species and the identification of minor components involved in nutrient delivery and defense against pathogens. <i>Proteomics</i> , 2008, 8, 3657-3666.	1.3	94
30	Dairy products and the Maillard reaction: A promising future for extensive food characterization by integrated proteomics studies. <i>Food Chemistry</i> , 2017, 219, 477-489.	4.2	92
31	A proteomic approach to identify early molecular targets of oxidative stress in human epithelial lens cells. <i>Biochemical Journal</i> , 2004, 378, 929-937.	1.7	91
32	Ejection of damaged mitochondria and their removal by macrophages ensure efficient thermogenesis in brown adipose tissue. <i>Cell Metabolism</i> , 2022, 34, 533-548.e12.	7.2	91
33	Topology of the calmodulin-melittin complex 1 Edited by P.E. Wright. <i>Journal of Molecular Biology</i> , 1998, 277, 945-958.	2.0	90
34	Genome-wide analysis and proteomic studies reveal APE1/Ref-1 multifunctional role in mammalian cells. <i>Proteomics</i> , 2009, 9, 1058-1074.	1.3	90
35	The proteome of lentil ( <i>Lens culinaris</i> Medik.) seeds: Discriminating between landraces. <i>Electrophoresis</i> , 2010, 31, 497-506.	1.3	87
36	Structure, conformation and biological activity of a novel lipodepsipeptide from <i>Pseudomonas corrugata</i> : cormycin A1. <i>Biochemical Journal</i> , 2004, 384, 25-36.	1.7	86

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37	Transcription regulation by the adaptor protein Fe65 and the nucleosome assembly factor SET. <i>EMBO Reports</i> , 2005, 6, 77-82.	2.0	86
38	Reverse chemical ecology: Olfactory proteins from the giant panda and their interactions with putative pheromones and bamboo volatiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9802-E9810.	3.3	86
39	Purified Box C/D snoRNPs Are Able To Reproduce Site-Specific 2'-O-Methylation of Target RNA In Vitro. <i>Molecular and Cellular Biology</i> , 2002, 22, 6663-6668.	1.1	84
40	The bovine milk proteome: cherishing, nourishing and fostering molecular complexity. An interactomics and functional overview. <i>Molecular BioSystems</i> , 2011, 7, 579-597.	2.9	83
41	Purification, Cloning, and Characterization of XendoU, a Novel Endoribonuclease Involved in Processing of Intron-encoded Small Nucleolar RNAs in <i>Xenopus laevis</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 13026-13032.	1.6	81
42	MALDI-TOF-MS Platform for Integrated Proteomic and Peptidomic Profiling of Milk Samples Allows Rapid Detection of Food Adulterations. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6157-6171.	2.4	80
43	3,5-Diiodo-L-thyronine prevents high-fat diet-induced insulin resistance in rat skeletal muscle through metabolic and structural adaptations. <i>FASEB Journal</i> , 2011, 25, 3312-3324.	0.2	78
44	Purification and molecular cloning of chemosensory proteins from <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2000, 44, 120-129.	0.6	76
45	The N-terminal 11 amino acids of human erythrocyte band 3 are critical for aldolase binding and protein phosphorylation: implications for band 3 function. <i>Blood</i> , 2005, 106, 4359-4366.	0.6	76
46	Proteomic analysis of apricot fruit during ripening. <i>Journal of Proteomics</i> , 2013, 78, 39-57.	1.2	76
47	SIRT1 gene expression upon genotoxic damage is regulated by APE1 through nCaRE-promoter elements. <i>Molecular Biology of the Cell</i> , 2014, 25, 532-547.	0.9	74
48	Platelet-derived Growth Factor Induces the $\beta$ -Secretase-mediated Cleavage of Alzheimer's Amyloid Precursor Protein through a Src-Rac-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 9290-9297.	1.6	73
49	Characterization of heat-induced lactosylation products in caseins by immunoenzymatic and mass spectrometric methodologies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1598, 30-39.	1.1	72
50	Peptide display on Potato virus X: molecular features of the coat protein-fused peptide affecting cell-to-cell and phloem movement of chimeric virus particles. <i>Journal of General Virology</i> , 2006, 87, 3103-3112.	1.3	72
51	Non-enzymatic glycation and glycoxidation protein products in foods and diseases: An interconnected, complex scenario fully open to innovative proteomic studies. <i>Mass Spectrometry Reviews</i> , 2014, 33, 49-77.	2.8	71
52	Protein and gene structure of a blue laccase from <i>Pleurotus ostreatus</i> 1. <i>Biochemical Journal</i> , 1999, 341, 655.	1.7	70
53	A novel heterodimeric antimicrobial peptide from the tree-frog <i>Phyllomedusa distincta</i> . <i>FEBS Letters</i> , 2001, 494, 85-89.	1.3	70
54	Cooperative activity of Ref-1/APE and ERp57 in reductive activation of transcription factors. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1113-1123.	1.3	69

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55	Proteomic analysis of temperature stress-responsive proteins in Arabidopsis thaliana rosette leaves. <i>Molecular BioSystems</i> , 2013, 9, 1257.	2.9	69
56	Thiol groups in proteins as endogenous reductants to determine glutathione-protein mixed disulphides in biological systems. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1243, 230-238.	1.1	68
57	A folding-dependent mechanism of antimicrobial peptide resistance to degradation unveiled by solution structure of distinctin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6309-6314.	3.3	68
58	DNA-binding protein Pur $\hat{1}$ and transcription factor YY1 function as transcription activators of the neuron-specific FE65 gene promoter. <i>Biochemical Journal</i> , 1997, 328, 293-300.	1.7	67
59	Oxidized Transthyretin in Amniotic Fluid as an Early Marker of Preeclampsia. <i>Journal of Proteome Research</i> , 2007, 6, 160-170.	1.8	65
60	Molecular interactions between the olive and the fruit fly <i>Bactrocera oleae</i> . <i>BMC Plant Biology</i> , 2012, 12, 86.	1.6	65
61	Modern proteomic methodologies for the characterization of lactosylation protein targets in milk. <i>Proteomics</i> , 2010, 10, 3414-3434.	1.3	64
62	Plasma protein changes in horse after prolonged physical exercise: A proteomic study. <i>Journal of Proteomics</i> , 2012, 75, 4494-4504.	1.2	64
63	Proteomic characterization of intermediate and advanced glycation end-products in commercial milk samples. <i>Journal of Proteomics</i> , 2015, 117, 12-23.	1.2	64
64	Phosphopeptides from Grana Padano cheese: nature, origin and changes during ripening. <i>Journal of Dairy Research</i> , 1997, 64, 601-615.	0.7	62
65	Proteomic analysis of the major soluble components in Annurca apple flesh. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 255-262.	1.5	62
66	Knock-in reconstitution studies reveal an unexpected role of Cys-65 in regulating APE1/Ref-1 subcellular trafficking and function. <i>Molecular Biology of the Cell</i> , 2011, 22, 3887-3901.	0.9	62
67	Biological Activities, Health Benefits, and Therapeutic Properties of Avenanthramides: From Skin Protection to Prevention and Treatment of Cerebrovascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	1.9	60
68	Bovine Cytosolic 5â€²-Nucleotidase Acts through the Formation of an Aspartate 52-Phosphoenzyme Intermediate. <i>Journal of Biological Chemistry</i> , 2001, 276, 33526-33532.	1.6	59
69	The expression of tomato prosystemin gene in tobacco plants highly affects host proteomic repertoire. <i>Journal of Proteomics</i> , 2008, 71, 176-185.	1.2	59
70	New role for leucyl aminopeptidase in glutathione turnover. <i>Biochemical Journal</i> , 2004, 378, 35-44.	1.7	58
71	Overoxidation of peroxiredoxins as an immediate and sensitive marker of oxidative stress in HepG2 cells and its application to the redox effects induced by ischemia/reperfusion in human liver. <i>Free Radical Research</i> , 2005, 39, 255-268.	1.5	58
72	Proteome analysis of <i>Neisseria meningitidis</i> serogroup A. <i>Proteomics</i> , 2004, 4, 2893-2926.	1.3	57

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73	Hyperphosphorylation of JNK-interacting Protein 1, a Protein Associated with Alzheimer Disease. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 97-113.	2.5	57
74	Unraveling physiological, biochemical and molecular mechanisms involved in olive ( <i>Olea europaea</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	57
75	Oxidative Modification of Aldose Reductase Induced by Copper Ion. <i>Journal of Biological Chemistry</i> , 2002, 277, 42017-42027.	1.6	56
76	Soluble proteins from chemosensory organs of <i>Eurycantha calcarata</i> (Insects, Phasmatodea). <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 1091-1098.	1.2	55
77	A proteomic study on human osteoblastic cells proliferation and differentiation. <i>Proteomics</i> , 2006, 6, 3520-3532.	1.3	55
78	Mass spectrometry for the analysis of protein lactosylation in milk products. <i>Food Research International</i> , 2013, 54, 988-1000.	2.9	55
79	Proteomic analysis of liver tissues subjected to early ischemia/reperfusion injury during human orthotopic liver transplantation. <i>Proteomics</i> , 2006, 6, 3455-3465.	1.3	53
80	Surface topology of Minibody by selective chemical modifications and mass spectrometry. <i>Protein Science</i> , 1997, 6, 1901-1909.	3.1	52
81	Cloning, post-translational modifications, heterologous expression and ligand-binding of boar salivary lipocalin. <i>Biochemical Journal</i> , 2000, 350, 369-379.	1.7	51
82	A study of <i>Streptococcus thermophilus</i> proteome by integrated analytical procedures and differential expression investigations. <i>Proteomics</i> , 2006, 6, 181-192.	1.3	51
83	Growth Factor Receptor-bound Protein 2 Interaction with the Tyrosine-phosphorylated Tail of Amyloid $\beta$ Precursor Protein Is Mediated by Its Src Homology 2 Domain. <i>Journal of Biological Chemistry</i> , 2004, 279, 25374-25380.	1.6	50
84	Proteomic changes in <i>Actinidia chinensis</i> shoot during systemic infection with a pandemic <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> strain. <i>Journal of Proteomics</i> , 2013, 78, 461-476.	1.2	50
85	Trichoderma Applications on Strawberry Plants Modulate the Physiological Processes Positively Affecting Fruit Production and Quality. <i>Frontiers in Microbiology</i> , 2020, 11, 1364.	1.5	49
86	Determination of the chirality of amino acid residues in the course of subtractive edman degradation of peptides. <i>Analytical Biochemistry</i> , 1991, 197, 305-310.	1.1	47
87	Probing the Dimeric Structure of Porcine Aminoacylase 1 by Mass Spectrometric and Modeling Procedures. <i>Biochemistry</i> , 2003, 42, 4430-4443.	1.2	47
88	Proteomic Analysis of Erythrocyte Membranes by Soft Immobiline Gels Combined with Differential Protein Extraction. <i>Journal of Proteome Research</i> , 2005, 4, 1304-1309.	1.8	47
89	Overexpression of 14-3-3 proteins enhances cold tolerance and increases levels of stress-responsive proteins of <i>Arabidopsis</i> plants. <i>Plant Science</i> , 2019, 289, 110215.	1.7	47
90	Comparative proteomic analysis of mammalian animal tissues and body fluids: bovine proteome database. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 815, 157-168.	1.2	44

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91	Evidences for a Nutritional Role of Iodine in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 616868.	1.7	44
92	Leaf Proteome Analysis of Transgenic Plants Expressing Antiviral Antibodies. <i>Journal of Proteome Research</i> , 2009, 8, 838-848.	1.8	43
93	Characterization of Carbonic Anhydrase IX Interactome Reveals Proteins Assisting Its Nuclear Localization in Hypoxic Cells. <i>Journal of Proteome Research</i> , 2013, 12, 282-292.	1.8	43
94	Human serum albumin modifications associated with reductive radical stress. <i>Molecular BioSystems</i> , 2011, 7, 889-898.	2.9	42
95	Redox proteomics of fat globules unveils broad protein lactosylation and compositional changes in milk samples subjected to various technological procedures. <i>Journal of Proteomics</i> , 2011, 74, 2453-2475.	1.2	42
96	Carbonic Anhydrases: New Perspectives on Protein Functional Role and Inhibition in <i>Helicobacter pylori</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 629163.	1.5	42
97	A Novel Venombin B from <i>Agkistrodon contortrix contortrix</i> : Evidence for Recognition Properties in the Surface around the Primary Specificity Pocket Different from Thrombin. <i>Biochemistry</i> , 2000, 39, 10294-10308.	1.2	40
98	Radiation-induced reductive modifications of sulfur-containing amino acids within peptides and proteins. <i>Journal of Proteomics</i> , 2011, 74, 2264-2273.	1.2	40
99	Proteomic analysis of the <i>Actinidia deliciosa</i> leaf apoplast during biotrophic colonization by <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Journal of Proteomics</i> , 2014, 101, 43-62.	1.2	40
100	The primary structure of water buffalo alpha(s1)- and beta-casein identification of phosphorylation sites and characterization of a novel beta-casein variant. <i>The Protein Journal</i> , 1998, 17, 835-844.	1.1	39
101	Tissue transglutaminase is a caspase substrate during apoptosis. Cleavage causes loss of transamidating function and is a biochemical marker of caspase 3 activation. <i>Cell Death and Differentiation</i> , 1999, 6, 992-1001.	5.0	39
102	A new syringopeptin produced by bean strains of <i>Pseudomonas syringae</i> pv. <i>syringae</i> . <i>BBA - Proteins and Proteomics</i> , 2002, 1597, 81-89.	2.1	39
103	Integrated analytical approach in veal calves administered the anabolic androgenic steroids boldenone and boldione: urine and plasma kinetic profile and changes in plasma protein expression. <i>Proteomics</i> , 2007, 7, 3184-3193.	1.3	39
104	KRIT1 Loss-Of-Function Associated with Cerebral Cavemous Malformation Disease Leads to Enhanced S-Glutathionylation of Distinct Structural and Regulatory Proteins. <i>Antioxidants</i> , 2019, 8, 27.	2.2	39
105	Involvement of lignin and hormones in the response of woody poplar taproots to mechanical stress. <i>Physiologia Plantarum</i> , 2012, 146, 39-52.	2.6	38
106	Amino Acid Sequence, S-S Bridge Arrangement and Distribution in Plant Tissues of Thionins from <i>Viscum album</i> . <i>Biological Chemistry</i> , 1997, 378, 989-996.	1.2	37
107	Activation of human T lymphocytes under conditions similar to those that occur during exposure to microgravity: A proteomics study. <i>Proteomics</i> , 2005, 5, 1827-1837.	1.3	37
108	Gambling on putative biomarkers of osteoarthritis and osteochondrosis by equine synovial fluid proteomics. <i>Journal of Proteomics</i> , 2012, 75, 4478-4493.	1.2	37

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109	Tryptophan promotes morphological and physiological differentiation in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10177-10189.	1.7	37
110	Aurora-A recruitment and centrosomal maturation are regulated by a Golgi-activated pool of Src during G2. <i>Nature Communications</i> , 2016, 7, 11727.	5.8	37
111	Acyl peptide hydrolase, a serine proteinase isolated from conditioned medium of neuroblastoma cells, degrades the amyloid- $\beta$ peptide. <i>Journal of Neurochemistry</i> , 2007, 100, 458-467.	2.1	36
112	Response to biotic and oxidative stress in <i>Arabidopsis thaliana</i> : Analysis of variably phosphorylated proteins. <i>Journal of Proteomics</i> , 2011, 74, 1934-1949.	1.2	36
113	Cladosporol a stimulates G1 $\rightarrow$ phase arrest of the cell cycle by up $\rightarrow$ regulation of p21 <sup>waf1/cip1</sup> expression in human colon carcinoma HT $\rightarrow$ 29 cells. <i>Molecular Carcinogenesis</i> , 2013, 52, 1-17.	1.3	36
114	Comparative proteomics and immunoproteomics of <i>Helicobacter pylori</i> related to different gastric pathologies $\rightarrow$ . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 833, 63-79.	1.2	35
115	RbAp48 is a Target of Nuclear Factor- $\kappa$ B Activity in Thyroid Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1458-1466.	1.8	35
116	The Reductive Desulfurization of Met and Cys Residues in Bovine RNase A Is Associated with <i>trans</i> Lipids Formation in a Mimetic Model of Biological Membranes. <i>Journal of Proteome Research</i> , 2008, 7, 2007-2015.	1.8	35
117	<i>Helicobacter pylori</i> immunoproteomes in case reports of rosacea and chronic urticaria. <i>Proteomics</i> , 2005, 5, 777-787.	1.3	34
118	Metal Ion Substitution in the Catalytic Site Greatly Affects the Binding of Sulfhydryl-Containing Compounds to Leucyl Aminopeptidase,. <i>Biochemistry</i> , 2006, 45, 3226-3234.	1.2	34
119	An Odorant-Binding Protein Is Abundantly Expressed in the Nose and in the Seminal Fluid of the Rabbit. <i>PLoS ONE</i> , 2014, 9, e111932.	1.1	34
120	Identification of miR $\rightarrow$ 494 direct targets involved in senescence of human diploid fibroblasts. <i>FASEB Journal</i> , 2014, 28, 3720-3733.	0.2	34
121	Tomato susceptibility to <i>Fusarium</i> crown and root rot: Effect of grafting combination and proteomic analysis of tolerance expression in the rootstock. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 207-216.	2.8	34
122	Unveiling Kiwifruit Metabolite and Protein Changes in the Course of Postharvest Cold Storage. <i>Frontiers in Plant Science</i> , 2019, 10, 71.	1.7	34
123	Cloning, post-translational modifications, heterologous expression and ligand-binding of boar salivary lipocalin. <i>Biochemical Journal</i> , 2000, 350, 369.	1.7	34
124	Solution Conformation of the <i>Pseudomonas Syringae</i> Pv. <i>Syringae</i> Phytotoxic Lipodepsipeptide Syringopeptin 25-A. Two-Dimensional NMR, Distance Geometry and Molecular Dynamics. <i>FEBS Journal</i> , 1995, 234, 747-758.	0.2	33
125	Differential proteomic analysis of an engineered <i>Streptomyces coelicolor</i> strain reveals metabolic pathways supporting growth on n-hexadecane. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1289-1301.	1.7	33
126	Identification of a microRNA (miR-663a) induced by ER stress and its target gene PLOD3 by a combined microRNome and proteome approach. <i>Cell Biology and Toxicology</i> , 2016, 32, 285-303.	2.4	33



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127	Role of Temperate Bacteriophage $\Phi$ -20617 on <i>Streptococcus thermophilus</i> DSM 20617T Autolysis and Biology. <i>Frontiers in Microbiology</i> , 2018, 9, 2719.	1.5	33
128	Amino acid sequence and molecular modelling of glycoprotein IIb-IIIa and fibronectin receptor iso-antagonists from <i>Trimeresurus elegans</i> venom. <i>Biochemical Journal</i> , 1996, 319, 775-782.	1.7	32
129	Identification of different isoforms of eEF1A in the nuclear fraction of human T-lymphoblastic cancer cell line specifically binding to aptameric cytotoxic GT oligomers. <i>FEBS Journal</i> , 2003, 270, 3251-3262.	0.2	32
130	A proteomic approach to the bilirubin-induced toxicity in neuronal cells reveals a protective function of DJ-1 protein. <i>Proteomics</i> , 2010, 10, 1645-1657.	1.3	32
131	Mono-dimensional blue native-PAGE and bi-dimensional blue native/urea-PAGE or/SDS-PAGE combined with nLC-ESI-LIT-MS/MS unveil membrane protein heteromeric and homomeric complexes in <i>Streptococcus thermophilus</i> . <i>Journal of Proteomics</i> , 2013, 94, 240-261.	1.2	32
132	Protective Role of Carbonic Anhydrases III and VII in Cellular Defense Mechanisms upon Redox Unbalance. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	32
133	The cytosolic chaperone $\alpha$ -Crystallin B rescues appropriate folding and compartmentalization of misfolded multispan transmembrane proteins. <i>Journal of Cell Science</i> , 2013, 126, 4160-72.	1.2	31
134	Differential representation of albumins and globulins during grain development in durum wheat and its possible functional consequences. <i>Journal of Proteomics</i> , 2017, 162, 86-98.	1.2	31
135	Identification of the Ligands of Protein Interaction Domains through a Functional Approach. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 333-345.	2.5	30
136	Analytical methodologies for the detection and structural characterization of phosphorylated proteins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 849, 163-180.	1.2	30
137	The relevance of carbon dioxide metabolism in <i>Streptococcus thermophilus</i> . <i>Microbiology (United Kingdom)</i> 151(10):2743-2752. doi:10.1099/mic/0/000000.0	0.7	30
138	BRCA1 modulates the expression of hnRNPA2B1 and KHSRP. <i>Cell Cycle</i> , 2010, 9, 4666-4673.	1.3	30
139	Ovine subclinical mastitis: Proteomic analysis of whey and milk fat globules unveils putative diagnostic biomarkers in milk. <i>Journal of Proteomics</i> , 2013, 83, 144-159.	1.2	30
140	Involvement of phenoloxidase in browning during grinding of <i>Tenebrio molitor</i> larvae. <i>PLoS ONE</i> , 2017, 12, e0189685.	1.1	30
141	Amending an As/Pb contaminated soil with biochar, compost and iron grit: effect on <i>Salix viminalis</i> growth, root proteome profiles and metal(loid) accumulation indexes. <i>Chemosphere</i> , 2020, 244, 125397.	4.2	30
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