

Andrea Scaloni

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333 papers	10,635 citations	56 h-index	84 g-index
350 ext. papers	12,170 ext. citations	5.2 avg, IF	5.92 L-index

#	Paper	IF	Citations
333	Crystal structure of the catalytic domain of the tumor-associated human carbonic anhydrase IX. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 16233-8	11.5	399
332	Proteins as biomarkers of oxidative/nitrosative stress in diseases: the contribution of redox proteomics. <i>Mass Spectrometry Reviews</i> , 2005 , 24, 55-99	11	354
331	A novel white laccase from <i>Pleurotus ostreatus</i> . <i>Journal of Biological Chemistry</i> , 1997 , 272, 31301-7	5.4	240
330	Biochemical characterization of CA IX, one of the most active carbonic anhydrase isozymes. <i>Journal of Biological Chemistry</i> , 2008 , 283, 27799-27809	5.4	224
329	Purification, structural characterization, cloning and immunocytochemical localization of chemoreception proteins from <i>Schistocerca gregaria</i> . <i>FEBS Journal</i> , 1999 , 262, 745-54		211
328	Redox proteomics: chemical principles, methodological approaches and biological/biomedical promises. <i>Chemical Reviews</i> , 2013 , 113, 596-698	68.1	179
327	APE1/Ref-1 interacts with NPM1 within nucleoli and plays a role in the rRNA quality control process. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1834-54	4.8	169
326	The neutrophil gelatinase-associated lipocalin (NGAL), a NF-kappaB-regulated gene, is a survival factor for thyroid neoplastic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14058-63	11.5	154
325	Structural analysis and disulfide-bridge pairing of two odorant-binding proteins from <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 1999 , 266, 386-91	3.4	147
324	Protein and gene structure of a blue laccase from <i>Pleurotus ostreatus</i> 1. <i>Biochemical Journal</i> , 1999 , 341, 655-663	3.8	140
323	Proteomic analysis of tomato fruits from two ecotypes during ripening. <i>Proteomics</i> , 2006 , 6, 3781-91	4.8	138
322	Exploring the chicken egg white proteome with combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2008 , 7, 3461-74	5.6	136
321	Proteins from bovine tissues and biological fluids: defining a reference electrophoresis map for liver, kidney, muscle, plasma and red blood cells. <i>Proteomics</i> , 2003 , 3, 440-60	4.8	133
320	The structure of <i>Rigidoporus lignosus</i> Laccase containing a full complement of copper ions, reveals an asymmetrical arrangement for the T3 copper pair. <i>Journal of Molecular Biology</i> , 2004 , 342, 1519-31	6.5	127
319	Proteomic analysis of water soluble and myofibrillar protein changes occurring in dry-cured hams. <i>Meat Science</i> , 2005 , 69, 479-91	6.4	92
318	Crystal structure of human carbonic anhydrase XIII and its complex with the inhibitor acetazolamide. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009 , 74, 164-75	4.2	90
317	Nuclear localization of Galectin-3 in transformed thyroid cells: a role in transcriptional regulation. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 302, 545-53	3.4	89

316	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, 3657-66	4.8	88
315	Redox potential controls the structure and DNA binding activity of the paired domain. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25062-72	5.4	86
314	A proteomic approach to identify early molecular targets of oxidative stress in human epithelial lens cells. <i>Biochemical Journal</i> , 2004 , 378, 929-37	3.8	85
313	Topology of the calmodulin-melittin complex. <i>Journal of Molecular Biology</i> , 1998 , 277, 945-58	6.5	85
312	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	3.8	84
311	Critical lysine residues within the overlooked N-terminal domain of human APE1 regulate its biological functions. <i>Nucleic Acids Research</i> , 2010 , 38, 8239-56	20.1	83
310	Glomerular autoimmune multicomponents of human lupus nephritis in vivo: Enolase and annexin A1. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 2483-98	12.7	82
309	Human milk proteins: an interactomics and updated functional overview. <i>Journal of Proteome Research</i> , 2010 , 9, 3339-73	5.6	82
308	Lipocalins of boar salivary glands binding odours and pheromones. <i>FEBS Journal</i> , 1998 , 252, 563-8		81
307	Genome-wide analysis and proteomic studies reveal APE1/Ref-1 multifunctional role in mammalian cells. <i>Proteomics</i> , 2009 , 9, 1058-74	4.8	79
306	Transcription regulation by the adaptor protein Fe65 and the nucleosome assembly factor SET. <i>EMBO Reports</i> , 2005 , 6, 77-82	6.5	77
305	The bovine milk proteome: cherishing, nourishing and fostering molecular complexity. An interactomics and functional overview. <i>Molecular BioSystems</i> , 2011 , 7, 579-97		75
304	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, 4079-96	3.5	73
303	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, 13026-32	5.4	73
302	Purified box C/D snoRNPs are able to reproduce site-specific 2QO-methylation of target RNA in vitro. <i>Molecular and Cellular Biology</i> , 2002 , 22, 6663-8	4.8	73
301	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	8.5	71
300	Chloroplast proteome response to drought stress and recovery in tomato (<i>Solanum lycopersicum</i> L.). <i>BMC Plant Biology</i> , 2017 , 17, 40	5.3	69
299	Solution structure of a chemosensory protein from the desert locust <i>Schistocerca gregaria</i> . <i>Biochemistry</i> , 2006 , 45, 10606-13	3.2	69

298	Purification and molecular cloning of chemosensory proteins from <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2000 , 44, 120-9	2.3	69
297	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, 3312-24	0.9	68
296	The proteome of lentil (<i>Lens culinaris</i> Medik.) seeds: discriminating between landraces. <i>Electrophoresis</i> , 2010 , 31, 497-506	3.6	68
295	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	4.9	68
294	Protein and gene structure of a blue laccase from <i>Pleurotus ostreatus</i> 1. <i>Biochemical Journal</i> , 1999 , 341, 655	3.8	67
293	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, 4359-66	2.2	66
292	Structure, conformation and biological activity of a novel lipodepsipeptide from <i>Pseudomonas corrugata</i> : cormycin A. <i>Biochemical Journal</i> , 2004 , 384, 25-36	3.8	65
291	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, 30-9	4	64
290	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, 6309-14	11.5	64
289	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	11	62
288	A novel heterodimeric antimicrobial peptide from the tree-frog <i>Phyllomedusa distincta</i> . <i>FEBS Letters</i> , 2001 , 494, 85-9	3.8	62
287	SIRT1 gene expression upon genotoxic damage is regulated by APE1 through nCaRE-promoter elements. <i>Molecular Biology of the Cell</i> , 2014 , 25, 532-47	3.5	61
286	DNA-binding protein Pur alpha and transcription factor YY1 function as transcription activators of the neuron-specific FE65 gene promoter. <i>Biochemical Journal</i> , 1997 , 328 (Pt 1), 293-300	3.8	61
285	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, 6157-71	5.7	60
284	Oxidized transthyretin in amniotic fluid as an early marker of preeclampsia. <i>Journal of Proteome Research</i> , 2007 , 6, 160-70	5.6	60
283	Cooperative activity of Ref-1/APE and ERp57 in reductive activation of transcription factors. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1113-23	7.8	60
282	Platelet-derived growth factor induces the beta-gamma-secretase-mediated cleavage of Alzheimer's amyloid precursor protein through a Src-Rac-dependent pathway. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9290-7	5.4	60
281	Modern proteomic methodologies for the characterization of lactosylation protein targets in milk. <i>Proteomics</i> , 2010 , 10, 3414-34	4.8	59

280	Phosphopeptides from Grana Padano cheese: nature, origin and changes during ripening. <i>Journal of Dairy Research</i> , 1997 , 64, 601-15	1.6	59
279	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	4.5	58
278	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, 230-8	4	57
277	Proteomic characterization of intermediate and advanced glycation end-products in commercial milk samples. <i>Journal of Proteomics</i> , 2015 , 117, 12-23	3.9	56
276	Proteome analysis of Neisseria meningitidis serogroup A. <i>Proteomics</i> , 2004 , 4, 2893-926	4.8	56
275	Proteomic analysis of temperature stress-responsive proteins in Arabidopsis thaliana rosette leaves. <i>Molecular BioSystems</i> , 2013 , 9, 1257-67		55
274	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, 255-68	4	54
273	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	11.5	52
272	A proteomic study on human osteoblastic cells proliferation and differentiation. <i>Proteomics</i> , 2006 , 6, 3520-32	4.8	52
271	Molecular interactions between the olive and the fruit fly Bactrocera oleae. <i>BMC Plant Biology</i> , 2012 , 12, 86	5.3	51
270	Bovine cytosolic 5' nucleotidase acts through the formation of an aspartate 52-phosphoenzyme intermediate. <i>Journal of Biological Chemistry</i> , 2001 , 276, 33526-32	5.4	51
269	Oxidative modification of aldose reductase induced by copper ion. Definition of the metal-protein interaction mechanism. <i>Journal of Biological Chemistry</i> , 2002 , 277, 42017-27	5.4	51
268	Proteomic analysis of apricot fruit during ripening. <i>Journal of Proteomics</i> , 2013 , 78, 39-57	3.9	50
267	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, 3887-901	3.5	50
266	Proteomic analysis of liver tissues subjected to early ischemia/reperfusion injury during human orthotopic liver transplantation. <i>Proteomics</i> , 2006 , 6, 3455-65	4.8	49
265	New role for leucyl aminopeptidase in glutathione turnover. <i>Biochemical Journal</i> , 2004 , 378, 35-44	3.8	49
264	Mammalian APE1 controls miRNA processing and its interactome is linked to cancer RNA metabolism. <i>Nature Communications</i> , 2017 , 8, 797	17.4	48
263	Surface topology of Minibody by selective chemical modifications and mass spectrometry. <i>Protein Science</i> , 1997 , 6, 1901-9	6.3	48

262	The expression of tomato prosystemin gene in tobacco plants highly affects host proteomic repertoire. <i>Journal of Proteomics</i> , 2008 , 71, 176-85	3.9	47
261	Hyperphosphorylation of JNK-interacting protein 1, a protein associated with Alzheimer disease. <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 97-113	7.6	47
260	Mass spectrometry for the analysis of protein lactosylation in milk products. <i>Food Research International</i> , 2013 , 54, 988-1000	7	46
259	Proteomic analysis of erythrocyte membranes by soft Immobililine gels combined with differential protein extraction. <i>Journal of Proteome Research</i> , 2005 , 4, 1304-9	5.6	46
258	Soluble proteins from chemosensory organs of <i>Eurycantha calcarata</i> (Insects, Phasmatodea). <i>Insect Biochemistry and Molecular Biology</i> , 2000 , 30, 1091-8	4.5	46
257	Determination of the chirality of amino acid residues in the course of subtractive Edman degradation of peptides. <i>Analytical Biochemistry</i> , 1991 , 197, 305-10	3.1	45
256	A study of <i>Streptococcus thermophilus</i> proteome by integrated analytical procedures and differential expression investigations. <i>Proteomics</i> , 2006 , 6, 181-92	4.8	42
255	Cloning, post-translational modifications, heterologous expression and ligand-binding of boar salivary lipocalin. <i>Biochemical Journal</i> , 2000 , 350, 369-379	3.8	42
254	Proteomic analysis of the major soluble components in Annurca apple flesh. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 255-62	5.9	41
253	Probing the dimeric structure of porcine aminoacylase 1 by mass spectrometric and modeling procedures. <i>Biochemistry</i> , 2003 , 42, 4430-43	3.2	41
252	Plasma protein changes in horse after prolonged physical exercise: a proteomic study. <i>Journal of Proteomics</i> , 2012 , 75, 4494-504	3.9	40
251	Leaf proteome analysis of transgenic plants expressing antiviral antibodies. <i>Journal of Proteome Research</i> , 2009 , 8, 838-48	5.6	40
250	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, 2453-75	3.9	39
249	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, 25374-80	5.4	39
248	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, 157-68	3.2	38
247	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	12.7	38
246	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, 461-76	3.9	37
245	Characterization of carbonic anhydrase IX interactome reveals proteins assisting its nuclear localization in hypoxic cells. <i>Journal of Proteome Research</i> , 2013 , 12, 282-92	5.6	37

244	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, 3184-93	4.8	37
243	A novel venom B from agkistrodon contortrix contortrix: evidence for recognition properties in the surface around the primary specificity pocket different from thrombin. <i>Biochemistry</i> , 2000 , 39, 10294-308	2.3	37
242	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, 835-44		36
241	Activation of human T lymphocytes under conditions similar to those that occur during exposure to microgravity: a proteomics study. <i>Proteomics</i> , 2005 , 5, 1827-37	4.8	34
240	Human serum albumin modifications associated with reductive radical stress. <i>Molecular BioSystems</i> , 2011 , 7, 889-98		33
239	Cladosporol a stimulates G1-phase arrest of the cell cycle by up-regulation of p21(waf1/cip1) expression in human colon carcinoma HT-29 cells. <i>Molecular Carcinogenesis</i> , 2013 , 52, 1-17	5	32
238	Response to biotic and oxidative stress in Arabidopsis thaliana: analysis of variably phosphorylated proteins. <i>Journal of Proteomics</i> , 2011 , 74, 1934-49	3.9	32
237	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, 6015351	6.7	32
236	Gambling on putative biomarkers of osteoarthritis and osteochondrosis by equine synovial fluid proteomics. <i>Journal of Proteomics</i> , 2012 , 75, 4478-93	3.9	31
235	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, 458-67	6	31
234	Radiation-induced reductive modifications of sulfur-containing amino acids within peptides and proteins. <i>Journal of Proteomics</i> , 2011 , 74, 2264-73	3.9	30
233	Metal ion substitution in the catalytic site greatly affects the binding of sulfhydryl-containing compounds to leucyl aminopeptidase. <i>Biochemistry</i> , 2006 , 45, 3226-34	3.2	30
232	A new syringopeptin produced by bean strains of Pseudomonas syringae pv. syringae. <i>BBA - Proteins and Proteomics</i> , 2002 , 1597, 81-9		30
231	Amino acid sequence and molecular modelling of glycoprotein IIb-IIIa and fibronectin receptor iso-antagonists from Trimeresurus elegans venom. <i>Biochemical Journal</i> , 1996 , 319 (Pt 3), 775-82	3.8	30
230	Unraveling physiological, biochemical and molecular mechanisms involved in olive (Olea europaea L. cv. ChEoui) tolerance to drought and salt stresses. <i>Journal of Plant Physiology</i> , 2018 , 220, 83-95	3.6	30
229	Involvement of lignin and hormones in the response of woody poplar taproots to mechanical stress. <i>Physiologia Plantarum</i> , 2012 , 146, 39-52	4.6	29
228	RbAp48 is a target of nuclear factor-kappaB activity in thyroid cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1458-66	5.6	29
227	Comparative proteomics and immunoproteomics of Helicobacter pylori related to different gastric pathologies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 833, 63-79	3.2	29

226	Helicobacter pylori immunoproteomes in case reports of rosacea and chronic urticaria. <i>Proteomics</i> , 2005 , 5, 777-87	4.8	29
225	Solution conformation of the Pseudomonas syringae pv. syringae phytotoxic lipodepsipeptide syringopeptin 25-A. Two-dimensional NMR, distance geometry and molecular dynamics. <i>FEBS Journal</i> , 1995 , 234, 747-58		29
224	Proteomic analysis of the Actinidia deliciosa leaf apoplast during biotrophic colonization by Pseudomonas syringae pv. actinidiae. <i>Journal of Proteomics</i> , 2014 , 101, 43-62	3.9	28
223	Identification of the ligands of protein interaction domains through a functional approach. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 333-45	7.6	28
222	KRIT1 Loss-Of-Function Associated with Cerebral Cavemous Malformation Disease Leads to Enhanced -Glutathionylation of Distinct Structural and Regulatory Proteins. <i>Antioxidants</i> , 2019 , 8,	7.1	27
221	Aurora-A recruitment and centrosomal maturation are regulated by a Golgi-activated pool of Src during G2. <i>Nature Communications</i> , 2016 , 7, 11727	17.4	27
220	Ovine subclinical mastitis: proteomic analysis of whey and milk fat globules unveils putative diagnostic biomarkers in milk. <i>Journal of Proteomics</i> , 2013 , 83, 144-59	3.9	27
219	Identification of miR-494 direct targets involved in senescence of human diploid fibroblasts. <i>FASEB Journal</i> , 2014 , 28, 3720-33	0.9	27
218	Differential proteomic analysis of an engineered Streptomyces coelicolor strain reveals metabolic pathways supporting growth on n-hexadecane. <i>Applied Microbiology and Biotechnology</i> , 2012 , 94, 1289-301	5.7	27
217	Amino acid sequence, S-S bridge arrangement and distribution in plant tissues of thionins from Viscum album. <i>Biological Chemistry</i> , 1997 , 378, 989-96	4.5	27
216	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, 163-80	3.2	27
215	Interdisciplinary study for the evaluation of biochemical alterations on mussel Mytilus galloprovincialis exposed to a tributyltin-polluted area. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 671-8	4.4	27
214	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, 3251-62		27
213	Bacterial expression and conformational analysis of a chemosensory protein from Schistosoma gregaria. <i>FEBS Journal</i> , 2001 , 268, 4794-801		27
212	Identification of protein markers for the occurrence of defrosted material in milk through a MALDI-TOF-MS profiling approach. <i>Journal of Proteomics</i> , 2016 , 147, 56-65	3.9	26
211	"Cheek-to-cheek" urinary proteome profiling via combinatorial peptide ligand libraries: A novel, unexpected elution system. <i>Journal of Proteomics</i> , 2012 , 75, 796-805	3.9	26
210	A proteomic approach to the bilirubin-induced toxicity in neuronal cells reveals a protective function of DJ-1 protein. <i>Proteomics</i> , 2010 , 10, 1645-57	4.8	26
209	Structural features of distinctin affecting peptide biological and biochemical properties. <i>Biochemistry</i> , 2008 , 47, 7888-99	3.2	26

208	The reductive desulfurization of Met and Cys residues in bovine RNase A is associated with trans lipids formation in a mimetic model of biological membranes. <i>Journal of Proteome Research</i> , 2008 , 7, 2007-15	5.6	26
207	Cytosine-block telomeric type DNA-binding activity of hnRNP proteins from human cell lines. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 409, 305-14	4.1	26
206	Tomato susceptibility to Fusarium 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, 207-16	5.4	25
205	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	3.7	25
204	The cytosolic chaperone β -crystallin B rescues folding and compartmentalization of misfolded multispan transmembrane proteins. <i>Journal of Cell Science</i> , 2013 , 126, 4160-72	5.3	25
203	The relevance of carbon dioxide metabolism in <i>Streptococcus thermophilus</i> . <i>Microbiology (United Kingdom)</i> , 2009 , 155, 1953-1965	2.9	25
202	Proteomic evaluation of core biopsy specimens from breast lesions. <i>Cancer Letters</i> , 2004 , 204, 79-86	9.9	25
201	Adaptative biochemical pathways and regulatory networks in <i>Klebsiella oxytoca</i> BAS-10 producing a biotechnologically relevant exopolysaccharide during Fe(III)-citrate fermentation. <i>Microbial Cell Factories</i> , 2012 , 11, 152	6.4	24
200	Probing membrane topology of the antimicrobial peptide distinctin by solid-state NMR spectroscopy in zwitterionic and charged lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 34-40	3.8	24
199	Probing membrane permeabilization by the antimicrobial peptide distinctin in mercury-supported biomimetic membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 2745-52	3.8	24
198	Differential proteomic analysis reveals novel links between primary metabolism and antibiotic production in <i>Amycolatopsis balhimycina</i> . <i>Proteomics</i> , 2010 , 10, 1336-58	4.8	24
197	Topology of the thyroid transcription factor 1 homeodomain-DNA complex. <i>Biochemistry</i> , 1999 , 38, 64-73	3.2	24
196	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	7.4	24
195	CIKS/DDX3X interaction controls the stability of the Zc3h12a mRNA induced by IL-17. <i>Journal of Immunology</i> , 2015 , 194, 3286-94	5.3	23
194	Cloning, expression, post-translational modifications and inhibition studies on the latest mammalian carbonic anhydrase isoform, CA XV. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 646-54	8.3	23
193	The proteome of <i>Populus nigra</i> woody root: response to bending. <i>Annals of Botany</i> , 2012 , 110, 415-32	4.1	23
192	Secretory proteins as potential semiochemical carriers in the horse. <i>Biochemistry</i> , 2006 , 45, 13418-28	3.2	23
191	Biochemical and mass spectrometric characterization of soluble ecto-5'-nucleotidase from bull seminal plasma. <i>Biochemical Journal</i> , 2003 , 372, 443-51	3.8	23

190	Mechanistic studies on bovine cytosolic 5Qnucleotidase II, an enzyme belonging to the HAD superfamily. <i>FEBS Journal</i> , 2004 , 271, 4881-91		23
189	Expression in <i>Streptomyces lividans</i> of <i>Nonomuraea</i> genes cloned in an artificial chromosome. <i>Applied Microbiology and Biotechnology</i> , 2005 , 68, 656-62	5.7	23
188	Production of a tumour-targeting antibody with a human-compatible glycosylation profile in <i>N. benthamiana</i> hairy root cultures. <i>Biotechnology Journal</i> , 2016 , 11, 1209-20	5.6	23
187	Tryptophan promotes morphological and physiological differentiation in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 10177-89	5.7	22
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