

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	Cross-linking reactions in food proteins and proteomic approaches for their detection. <i>Mass Spectrometry Reviews</i> , 2022, 41, 861-898.	2.8	12
2	<i>Streptomyces coelicolor</i> Vesicles: Many Molecules To Be Delivered. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0188121.	1.4	18
3	Post-translational modifications in tumor-associated carbonic anhydrases. <i>Amino Acids</i> , 2022, 54, 543-558.	1.2	7
4	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
5	Proteomic characterisation and phylogenetic derivation of ovine β -S1-CN B and β -S1-CN G genetic variants. <i>International Dairy Journal</i> , 2022, , 105387.	1.5	1
6	In vivo absorptomics: Identification of bovine milk-derived peptides in human plasma after milk intake. <i>Food Chemistry</i> , 2022, 385, 132663.	4.2	18
7	Reverse Chemical Ecology Suggests Putative Primate Pheromones. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	4
8	A comparative study of carbonic anhydrase activity in lymphocytes from colorectal cancer tissues and adjacent healthy counterparts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1651-1655.	2.5	8
9	Recent developments in peptidomics for the quali-quantitative analysis of food-derived peptides in human body fluids and tissues. <i>Trends in Food Science and Technology</i> , 2022, 126, 41-60.	7.8	10
10	Proteomic Approaches for the Characterization of Non-enzymatic Modifications in Food Proteins. , 2021, , 666-687.		0
11	Monitoring aging of hen egg by integrated quantitative peptidomic procedures. <i>Food Research International</i> , 2021, 140, 110010.	2.9	5
12	In-depth study to decipher mechanisms underlying <i>Arabidopsis thaliana</i> tolerance to metal(loid) soil contamination in association with biochar and/or bacteria. <i>Environmental and Experimental Botany</i> , 2021, 182, 104335.	2.0	23
13	Anion inhibition studies of the Zn(II)-bound β -carbonic anhydrase from the Gram-negative bacterium <i>Burkholderia territorii</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 372-376.	2.5	19
14	Identification of RNA-binding proteins that partner with Lin28a to regulate Dnmt3a expression. <i>Scientific Reports</i> , 2021, 11, 2345.	1.6	10
15	Effect of Sulfonamides and Their Structurally Related Derivatives on the Activity of β -Carbonic Anhydrase from <i>Burkholderia territorii</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 571.	1.8	18
16	Effect of amino acids and amines on the activity of the recombinant β -carbonic anhydrase from the Gram-negative bacterium <i>Burkholderia territorii</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1000-1006.	2.5	7
17	<i>Arabidopsis</i> Defense against the Pathogenic Fungus <i>Drechslera gigantea</i> Is Dependent on the Integrity of the Unfolded Protein Response. <i>Biomolecules</i> , 2021, 11, 240.	1.8	7
18	Evidences for a Nutritional Role of Iodine in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 616868.	1.7	44

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19	Adaptive Thermogenesis Driving Catch-Up Fat Is Associated With Increased Muscle Type 3 and Decreased Hepatic Type 1 Iodothyronine Deiodinase Activities: A Functional and Proteomic Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 631176.	1.5	6
20	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
21	Polyphenol Profiling of Chestnut Pericarp, Integument and Curing Water Extracts to Qualify These Food By-Products as a Source of Antioxidants. <i>Molecules</i> , 2021, 26, 2335.	1.7	13
22	The Odorant-Binding Proteins of the Spider Mite <i>Tetranychus urticae</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 6828.	1.8	7
23	A new non-classical fold of varroa odorant-binding proteins reveals a wide open internal cavity. <i>Scientific Reports</i> , 2021, 11, 13172.	1.6	4
24	SH3BGR13 binds to myosin 1c in a calcium dependent manner and modulates migration in the MDA-MB-231 cell line. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 41.	1.0	4
25	Protein kinase C δ (PKC δ) regulates the nucleocytoplasmic shuttling of KRIT1. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	8
26	Inhibitory Effects of Sulfonamide Derivatives on the β -Carbonic Anhydrase (MpaCA) from <i>Malassezia pachydermatis</i> , a Commensal, Pathogenic Fungus Present in Domestic Animals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12601.	1.8	3
27	Bioinformatics-Assisted Proteomics of Metal(Loid) Tolerance in Arabidopsis. , 2021, 11, .		0
28	Architecture of The Human Ape1 Interactome Defines Novel Cancers Signatures. <i>Scientific Reports</i> , 2020, 10, 28.	1.6	22
29	Dehydrogenase/reductase activity of human carbonyl reductase 1 with NADP(H) acting as a prosthetic group. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 259-263.	1.0	2
30	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
31	Low-protein/high-carbohydrate diet induces AMPK-dependent canonical and non-canonical thermogenesis in subcutaneous adipose tissue. <i>Redox Biology</i> , 2020, 36, 101633.	3.9	18
32	Proteolysis and Process-Induced Modifications in Synbiotic Yogurt Investigated by Peptidomics and Phosphopeptidomics. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8744-8754.	2.4	15
33	Human carbonic anhydrases and post-translational modifications: a hidden world possibly affecting protein properties and functions. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1450-1461.	2.5	19
34	Novel Biomarkers of Mastitis in Goat Milk Revealed by MALDI-TOF-MS-Based Peptide Profiling. <i>Biology</i> , 2020, 9, 193.	1.3	4
35	OctoPartenopin: Identification and Preliminary Characterization of a Novel Antimicrobial Peptide from the Suckers of <i>Octopus vulgaris</i> . <i>Marine Drugs</i> , 2020, 18, 380.	2.2	15
36	Biochar Administration to San Marzano Tomato Plants Cultivated Under Low-Input Farming Increases Growth, Fruit Yield, and Affects Gene Expression. <i>Frontiers in Plant Science</i> , 2020, 11, 1281.	1.7	9

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37	Reducing toxic reactive carbonyl species in e-cigarette emissions: testing a harm-reduction strategy based on dicarbonyl trapping. RSC Advances, 2020, 10, 21535-21544.	1.7	4
38	Absence of uncoupling protein 3 at thermoneutrality influences brown adipose tissue mitochondrial functionality in mice. FASEB Journal, 2020, 34, 15146-15163.	0.2	8
39	CA IX Stabilizes Intracellular pH to Maintain Metabolic Reprogramming and Proliferation in Hypoxia. Frontiers in Oncology, 2020, 10, 1462.	1.3	25
40	Optimisation of PD-FcY veterinary antigen secretion from Nicotiana benthamiana hairy roots and purification from the culture medium. Plant Cell, Tissue and Organ Culture, 2020, 142, 23-39.	1.2	6
41	Anion Inhibition Studies of the Beta-Carbonic Anhydrase from Escherichia coli. Molecules, 2020, 25, 2564.	1.7	17
42	Trichoderma Applications on Strawberry Plants Modulate the Physiological Processes Positively Affecting Fruit Production and Quality. Frontiers in Microbiology, 2020, 11, 1364.	1.5	49
43	The Streptomyces coelicolor Small ORF trpM Stimulates Growth and Morphological Development and Exerts Opposite Effects on Actinorhodin and Calcium-Dependent Antibiotic Production. Frontiers in Microbiology, 2020, 11, 224.	1.5	11
44	A multi-approach peptidomic analysis of hen egg white reveals novel putative bioactive molecules. Journal of Proteomics, 2020, 215, 103646.	1.2	20
45	Cleavage of the APE1 N-Terminal Domain in Acute Myeloid Leukemia Cells Is Associated with Proteasomal Activity. Biomolecules, 2020, 10, 531.	1.8	6
46	Analysis of post-translational modifications in soluble proteins involved in chemical communication from mammals and insects. Methods in Enzymology, 2020, 642, 103-124.	0.4	5
47	Effect of <i>Trichoderma</i> Bioactive Metabolite Treatments on the Production, Quality, and Protein Profile of Strawberry Fruits. Journal of Agricultural and Food Chemistry, 2020, 68, 7246-7258.	2.4	24
48	Tuberomics: a molecular profiling for the adaption of edible fungi (<i>Tuber magnatum</i> Pico) to different natural environments. BMC Genomics, 2020, 21, 90.	1.2	15
49	Influence of the Casein Composite Genotype on Milk Quality and Coagulation Properties in the Endangered Agerolese Cattle Breed. Animals, 2020, 10, 892.	1.0	11
50	Enhancing the Secretion of a Glyco-Engineered Anti-CD20 scFv-Fc Antibody in Hairy Root Cultures. Biotechnology Journal, 2019, 14, 1800081.	1.8	24
51	Functional characterization of a plant-produced infectious bursal disease virus antigen fused to the constant region of avian IgY immunoglobulins. Applied Microbiology and Biotechnology, 2019, 103, 7491-7504.	1.7	10
52	Effects of Simulated Space Radiations on the Tomato Root Proteome. Frontiers in Plant Science, 2019, 10, 1334.	1.7	12
53	Overexpression of 14-3-3 proteins enhances cold tolerance and increases levels of stress-responsive proteins of Arabidopsis plants. Plant Science, 2019, 289, 110215.	1.7	47
54	3,5-Diiodo-L-Thyronine Exerts Metabolically Favorable Effects on Visceral Adipose Tissue of Rats Receiving a High-Fat Diet. Nutrients, 2019, 11, 278.	1.7	14

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55	A combined ANXA2-NDRG1-STAT1 gene signature predicts response to chemoradiotherapy in cervical cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 279.	3.5	16
56	Protein carbonylation in dopaminergic cells exposed to rotenone. <i>Toxicology Letters</i> , 2019, 309, 20-32.	0.4	18
57	KRIT1 Loss-Of-Function Associated with Cerebral Cavernous Malformation Disease Leads to Enhanced S-Glutathionylation of Distinct Structural and Regulatory Proteins. <i>Antioxidants</i> , 2019, 8, 27.	2.2	39
58	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
59	Brivanib in combination with Notch3 silencing shows potent activity in tumour models. <i>British Journal of Cancer</i> , 2019, 120, 601-611.	2.9	7
60	Stereoselectivity of Aldose Reductase in the Reduction of Glutathionyl-Hydroxynonanal Adduct. <i>Antioxidants</i> , 2019, 8, 502.	2.2	12
61	Proteome Alterations in Equine Osteochondrotic Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6179.	1.8	3
62	Comparative proteomic analysis of durum wheat shoots from modern and ancient cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 253-262.	2.8	5
63	Toward an understanding of mechanisms regulating plant response to biochar application. <i>Plant Biosystems</i> , 2019, 153, 163-172.	0.8	14
64	A non-canonical phosphorylation site in β -casein A from non-Mediterranean water buffalo makes quantifiable the adulteration of Italian milk with foreign material by combined isoelectrofocusing-immunoblotting procedures. <i>Food Chemistry</i> , 2019, 277, 195-204.	4.2	7
65	The antimicrobial peptides casocidins I and II: Solution structural studies in water and different membrane-mimetic environments. <i>Peptides</i> , 2019, 114, 50-58.	1.2	4
66	An Extensive Description of the Peptidomic Repertoire of the Hen Egg Yolk Plasma. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3239-3255.	2.4	23
67	A proteometabolomic study of <i>Actinidia deliciosa</i> fruit development. <i>Journal of Proteomics</i> , 2018, 172, 11-24.	1.2	25
68	On the interaction of the highly charged peptides casocidins with biomimetic membranes. <i>Bioelectrochemistry</i> , 2018, 123, 1-8.	2.4	7
69	Effect of short-term water restriction on oxidative and inflammatory status of sheep (<i>Ovis aries</i>) reared in Southern Italy. <i>Small Ruminant Research</i> , 2018, 162, 77-84.	0.6	6
70	Channel-forming activity of lactophorins I and II in mercury-supported tethered bilayer lipid membranes. <i>Journal of Electroanalytical Chemistry</i> , 2018, 819, 65-72.	1.9	2
71	N-glycan engineering of a plant-produced anti-CD20 ^{hi} immunocytokine significantly enhances its effector functions. <i>Biotechnology and Bioengineering</i> , 2018, 115, 565-576.	1.7	26
72	Differential Proteomics Based on 2D-Difference In-Gel Electrophoresis and Tandem Mass Spectrometry for the Elucidation of Biological Processes in Antibiotic-Producer Bacterial Strains. <i>Methods in Molecular Biology</i> , 2018, 1716, 267-289.	0.4	0

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73	Unraveling physiological, biochemical and molecular mechanisms involved in olive (<i>Olea europaea</i> L.) Tj ETQq1 1 0,784314 rgBT /Ove	1.6	97
74	Effects of different nitrogen fertilizers on two wheat cultivars: An integrated approach. <i>Plant Direct</i> , 2018, 2, e00089.	0.8	12
75	Role of Temperate Bacteriophage ϕ 20617 on <i>Streptococcus thermophilus</i> DSM 20617T Autolysis and Biology. <i>Frontiers in Microbiology</i> , 2018, 9, 2719.	1.5	33
76	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
77	An integrated proteomic and metabolomic study to evaluate the effect of nucleus-cytoplasm interaction in a diploid citrus cybrid between sweet orange and lemon. <i>Plant Molecular Biology</i> , 2018, 98, 407-425.	2.0	7
78	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
79	Pirin: A novel redox-sensitive modulator of primary and secondary metabolism in <i>Streptomyces</i> . <i>Metabolic Engineering</i> , 2018, 48, 254-268.	3.6	29
80	3,5-Diiodo-L-Thyronine Affects Structural and Metabolic Features of Skeletal Muscle Mitochondria in High-Fat-Diet Fed Rats Producing a Co-adaptation to the Glycolytic Fiber Phenotype. <i>Frontiers in Physiology</i> , 2018, 9, 194.	1.3	11
81	An α -Crystallin Peptide Rescues Compartmentalization and Trafficking Response to Cu Overload of ATP7B-H1069Q, the Most Frequent Cause of Wilson Disease in the Caucasian Population. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1892.	1.8	8
82	Differential representation of liver proteins in obese human subjects suggests novel biomarkers and promising targets for drug development in obesity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 672-682.	2.5	15
83	Chloroplast proteome response to drought stress and recovery in tomato (<i>Solanum lycopersicum</i> L.). <i>BMC Plant Biology</i> , 2017, 17, 40.	1.6	107
84	Disclosing the Interaction of Carbonic Anhydrase IX with Cullin-Associated NEDD8-Dissociated Protein 1 by Molecular Modeling and Integrated Binding Measurements. <i>ACS Chemical Biology</i> , 2017, 12, 1460-1465.	1.6	17
85	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
86	Kinetic features of carbonyl reductase 1 acting on glutathionylated aldehydes. <i>Chemico-Biological Interactions</i> , 2017, 276, 127-132.	1.7	8
87	Eventual limits of the current EU official method for evaluating milk adulteration of water buffalo dairy products and potential proteomic solutions. <i>Food Chemistry</i> , 2017, 230, 482-490.	4.2	12
88	Identification of Early Represented Gluten Proteins during Durum Wheat Grain Development. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3242-3250.	2.4	28
89	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
90	Effects of high-intensity static magnetic fields on a root-based bioreactor system for space applications. <i>Life Sciences in Space Research</i> , 2017, 15, 79-87.	1.2	15

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91	Mammalian APE1 controls miRNA processing and its interactome is linked to cancer RNA metabolism. <i>Nature Communications</i> , 2017, 8, 797.	5.8	107
92	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
93	Involvement of phenoloxidase in browning during grinding of <i>Tenebrio molitor</i> larvae. <i>PLoS ONE</i> , 2017, 12, e0189685.	1.1	30
94	Proteomic Characterization of Nonenzymatic Modifications Induced in Bovine Milk Following Thermal Treatments. , 2017, , 241-260.		1
95	APE1 polymorphic variants cause persistent genomic stress and affect cancer cell proliferation. <i>Oncotarget</i> , 2016, 7, 26293-26306.	0.8	27
96	Flavonoid Interaction with a Chitinase from Grape Berry Skin: Protein Identification and Modulation of the Enzymatic Activity. <i>Molecules</i> , 2016, 21, 1300.	1.7	8
97	Ophiobolin A Induces Autophagy and Activates the Mitochondrial Pathway of Apoptosis in Human Melanoma Cells. <i>PLoS ONE</i> , 2016, 11, e0167672.	1.1	29
98	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, 1209-1220.	1.8	29
99	Purification and characterization of a Cys-Gly hydrolase from the gastropod mollusk, <i>Patella caerulea</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1560-1565.	2.5	1
100	The expression of the tomato prosystemin in tobacco induces alterations irrespective of its functional domain. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 509-519.	1.2	11
101	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
102	Human carbonyl reductase 1 as efficient catalyst for the reduction of glutathionylated aldehydes derived from lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 323-332.	1.3	22
103	Proteomic Alterations in Response to Hypoxia Inducible Factor 2 α in Normoxic Neuroblastoma Cells. <i>Journal of Proteome Research</i> , 2016, 15, 3643-3655.	1.8	9
104	Poplar woody taproot under bending stress: the asymmetric response of the convex and concave sides. <i>Annals of Botany</i> , 2016, 118, 865-883.	1.4	22
105	Inhibition of <i>PID1/NYGGF4/PCL11</i> gene expression highlights its role in the early events of the cell cycle in NIH3T3 fibroblasts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 45-53.	2.5	2
106	Foodomics - Novel insights in food and nutrition domains. <i>Journal of Proteomics</i> , 2016, 147, 1-2.	1.2	4
107	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
108	Channel-forming activity of syringopeptin 25A in mercury-supported phospholipid monolayers and negatively charged bilayers. <i>Bioelectrochemistry</i> , 2016, 111, 131-142.	2.4	6

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109	Elucidating the molecular physiology of lantibiotic NAI-107 production in <i>Microbispora</i> ATCC-PTA-5024. <i>BMC Genomics</i> , 2016, 17, 42.	1.2	10
110	Urine proteome analysis in Dent's disease shows high selective changes potentially involved in chronic renal damage. <i>Journal of Proteomics</i> , 2016, 130, 26-32.	1.2	9
111	Channel-forming activity of syringopeptin 25A in mercury-supported lipid bilayers with a phosphatidylcholine distal leaflet. <i>Bioelectrochemistry</i> , 2016, 108, 28-35.	2.4	11
112	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.	1.2	29
113	Production of an active anti-CD20 ^{hi} immunocytokine in <i>Nicotiana benthamiana</i> . <i>Plant Biotechnology Journal</i> , 2016, 14, 240-251.	4.1	17
114	TrpM, a Small Protein Modulating Tryptophan Biosynthesis and Morpho-Physiological Differentiation in <i>Streptomyces coelicolor</i> A3(2). <i>PLoS ONE</i> , 2016, 11, e0163422.	1.1	20
115	Stable incorporation of β -smooth muscle actin into stress fibers is dependent on specific tropomyosin isoforms. <i>Cytoskeleton</i> , 2015, 72, 257-267.	1.0	29
116	CIKS/DDX3X Interaction Controls the Stability of the <i>Zc3h12a</i> mRNA Induced by IL-17. <i>Journal of Immunology</i> , 2015, 194, 3286-3294.	0.4	29
117	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
118	NADP ⁺ -dependent dehydrogenase activity of carbonyl reductase on glutathionylhydroxynonanal as a new pathway for hydroxynonanal detoxification. <i>Free Radical Biology and Medicine</i> , 2015, 83, 66-76.	1.3	20
119	Channel-forming activity of syringomycin E in two mercury-supported biomimetic membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 932-941.	1.4	17
120	Proteomic analysis reveals novel common genes modulated in both replicative and stress-induced senescence. <i>Journal of Proteomics</i> , 2015, 128, 18-29.	1.2	15
121	Combinatorial Peptide Ligand Library and two dimensional electrophoresis: New frontiers in the study of peritoneal dialysis effluent in pediatric patients. <i>Journal of Proteomics</i> , 2015, 116, 68-80.	1.2	8
122	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
123	Air oxidation method employed for the disulfide bond formation of natural and synthetic peptides. <i>Amino Acids</i> , 2015, 47, 1507-1515.	1.2	24
124	Tryptophan promotes morphological and physiological differentiation in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10177-10189.	1.7	37
125	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. <i>Cardiovascular Research</i> , 2015, 107, 431-441.	1.8	27
126	A Genomic, Transcriptomic and Proteomic Look at the GE2270 Producer <i>Planobispora rosea</i> , an Uncommon Actinomycete. <i>PLoS ONE</i> , 2015, 10, e0133705.	1.1	14

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127	An Odorant-Binding Protein Is Abundantly Expressed in the Nose and in the Seminal Fluid of the Rabbit. PLoS ONE, 2014, 9, e111932.	1.1	34
128	Glomerular Autoimmune Multicomponents of Human Lupus Nephritis In Vivo. Journal of the American Society of Nephrology: JASN, 2014, 25, 2483-2498.	3.0	112
129	Novel <i>Amycolatopsis balhimycina</i> biochemical abilities unveiled by proteomics. FEMS Microbiology Letters, 2014, 351, 209-215.	0.7	4
130	Identification of miR-494 direct targets involved in senescence of human diploid fibroblasts. FASEB Journal, 2014, 28, 3720-3733.	0.2	34
131	SIRT1 gene expression upon genotoxic damage is regulated by APE1 through nCaRE-promoter elements. Molecular Biology of the Cell, 2014, 25, 532-547.	0.9	74
132	Non-enzymatic glycation and glycoxidation protein products in foods and diseases: An interconnected, complex scenario fully open to innovative proteomic studies. Mass Spectrometry Reviews, 2014, 33, 49-77.	2.8	71
133	Proteomic analysis of the <i>Actinidia deliciosa</i> leaf apoplast during biotrophic colonization by <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . Journal of Proteomics, 2014, 101, 43-62.	1.2	40
134	Proteomics and phosphoproteomics provide insights into the mechanism of action of a novel pyrazolo[3,4-d]pyrimidine Src inhibitor in human osteosarcoma. Molecular BioSystems, 2014, 10, 1305.	2.9	20
135	Proteomic Analysis of Eucalyptus Leaves Unveils Putative Mechanisms Involved in the Plant Response to a Real Condition of Soil Contamination by Multiple Heavy Metals in the Presence or Absence of Mycorrhizal/Rhizobacterial Additives. Environmental Science & Technology, 2014, 48, 11487-11496.	4.6	23
136	Tomato susceptibility to <i>Fusarium</i> crown and root rot: Effect of grafting combination and proteomic analysis of tolerance expression in the rootstock. Plant Physiology and Biochemistry, 2014, 83, 207-216.	2.8	34
137	Proteome changes induced by c-myb silencing in human chronic myeloid leukemia cells suggest molecular mechanisms and putative biomarkers of hematopoietic malignancies. Journal of Proteomics, 2014, 96, 200-222.	1.2	2
138	Proteomic analysis of <i>Populus euphratica</i> (clone I-214) roots to identify key factors involved in zinc stress response. Journal of Plant Physiology, 2014, 171, 1054-1063.	1.6	19
139	Temporal analysis of poplar woody root response to bending stress. Physiologia Plantarum, 2014, 150, 174-193.	2.6	18
140	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. Molecular Carcinogenesis, 2013, 52, 1-17.	1.3	36
141	Proteomic analysis of temperature stress-responsive proteins in <i>Arabidopsis thaliana</i> rosette leaves. Molecular BioSystems, 2013, 9, 1257.	2.9	69
142	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> . Journal of Proteomics, 2013, 94, 240-261.	1.2	32
143	Transcriptomic and proteomic analysis of a compatible tomato-aphid interaction reveals a predominant salicylic acid-dependent plant response. BMC Genomics, 2013, 14, 515.	1.2	103
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