

Angela Amoresano

List of Publications by Year in descending order

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171
papers

4,962
citations

87843

38
h-index

149623

56
g-index

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all docs

174
docs citations

174
times ranked

7773
citing authors

#	ARTICLE	IF	CITATIONS
1	Wilson Disease Protein ATP7B Utilizes Lysosomal Exocytosis to Maintain Copper Homeostasis. <i>Developmental Cell</i> , 2014, 29, 686-700.	3.1	203
2	Indole-3-acetic acid improves <i>Escherichia coli</i> ™s defences to stress. <i>Archives of Microbiology</i> , 2006, 185, 373-382.	1.0	129
3	Atypical laccase isoenzymes from copper supplemented <i>Pleurotus ostreatus</i> cultures. <i>Enzyme and Microbial Technology</i> , 2003, 33, 220-230.	1.6	119
4	Structure and Function of the Long Pentraxin PTX3 Glycosidic Moiety: A Fine-Tuning of the Interaction with C1q and Complement Activation. <i>Biochemistry</i> , 2006, 45, 11540-11551.	1.2	113
5	Glycosylation profile of integrin $\alpha 3 \beta 1$ changes with melanoma progression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1643, 113-123.	1.9	107
6	Efficient immobilization of a fungal laccase and its exploitation in fruit juice clarification. <i>Food Chemistry</i> , 2016, 196, 1272-1278.	4.2	96
7	The Gene, Protein and Glycan Structures of Laccase from <i>Pleurotus ostreatus</i> . <i>FEBS Journal</i> , 1996, 235, 508-515.	0.2	93
8	Modern Mass Spectrometric Methodologies in Monitoring Milk Quality. <i>Analytical Chemistry</i> , 2000, 72, 408-415.	3.2	93
9	Bacteriophage-Resistant <i>Staphylococcus aureus</i> Mutant Confers Broad Immunity against Staphylococcal Infection in Mice. <i>PLoS ONE</i> , 2010, 5, e11720.	1.1	91
10	Ammonium hydroxide hydrolysis. <i>Journal of Lipid Research</i> , 2002, 43, 2188-2195.	2.0	88
11	Protease treatment affects both invasion ability and biofilm formation in <i>Listeria monocytogenes</i> . <i>Microbial Pathogenesis</i> , 2008, 45, 45-52.	1.3	81
12	Structural Analysis of Saposin C and B. <i>Journal of Biological Chemistry</i> , 1995, 270, 9953-9960.	1.6	79
13	Domain Organization of Phytochelatin Synthase. <i>Journal of Biological Chemistry</i> , 2004, 279, 14686-14693.	1.6	72
14	Monitoring Food Quality by Microfluidic Electrophoresis, Gas Chromatography, and Mass Spectrometry Techniques: A Effects of Aquaculture on the Sea Bass (<i>Dicentrarchus labrax</i>). <i>Analytical Chemistry</i> , 2005, 77, 2587-2594.	3.2	68
15	Expression and purification of the recombinant subunits of toluene/o-xylene monooxygenase and reconstitution of the active complex. <i>FEBS Journal</i> , 2002, 269, 5689-5699.	0.2	67
16	Novel human bioactive peptides identified in Apolipoprotein B: Evaluation of their therapeutic potential. <i>Biochemical Pharmacology</i> , 2017, 130, 34-50.	2.0	64
17	Phosphorylation by Protein Kinase CK2 Modulates the Activity of the ATP Binding Cassette A1 Transporter. <i>Journal of Biological Chemistry</i> , 2004, 279, 37779-37788.	1.6	62
18	An interdomain network: the endobacterium of a mycorrhizal fungus promotes antioxidative responses in both fungal and plant hosts. <i>New Phytologist</i> , 2016, 211, 265-275.	3.5	61

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19	Structural Characterization of Large Polycyclic Aromatic Hydrocarbons. Part 1: The Case of Coal Tar Pitch and Naphthalene-Derived Pitch. <i>Energy & Fuels</i> , 2015, 29, 5714-5722.	2.5	55
20	Topological investigation of amyloid fibrils obtained from β 2-microglobulin. <i>Protein Science</i> , 2009, 11, 2362-2369.	3.1	53
21	Bidimensional Tandem Mass Spectrometry for Selective Identification of Nitration Sites in Proteins. <i>Analytical Chemistry</i> , 2007, 79, 2109-2117.	3.2	51
22	Quantitative identification of protein nitration sites. <i>Proteomics</i> , 2009, 9, 1524-1537.	1.3	50
23	Photodegradation and ecotoxicology of acyclovir in water under UV254 and UV254/H ₂ O ₂ processes. <i>Water Research</i> , 2017, 122, 591-602.	5.3	50
24	Aptamer targeting EGFRvIII mutant hampers its constitutive autophosphorylation and affects migration, invasion and proliferation of glioblastoma cells. <i>Oncotarget</i> , 2015, 6, 37570-37587.	0.8	49
25	Phosphorylation of nm23-H1 by CKI induces its complex formation with h-prune and promotes cell motility. <i>Oncogene</i> , 2008, 27, 1853-1864.	2.6	48
26	Plasma nitroproteome of kidney disease patients. <i>Amino Acids</i> , 2011, 40, 653-667.	1.2	48
27	Structural Characterisation of Human Recombinant Glycophormones Follitropin, Lutropin and Choriogonadotropin Expressed in Chinese Hamster Ovary Cells. <i>FEBS Journal</i> , 1996, 242, 608-618.	0.2	47
28	Rapid fingerprinting of red wines by MALDI mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 969-982.	1.9	45
29	Comparative proteomics to evaluate multi drug resistance in <i>Escherichia coli</i> . <i>Molecular BioSystems</i> , 2012, 8, 1060-1067.	2.9	44
30	Direct interactions among Ret, GDNF and GFR α 1 molecules reveal new insights into the assembly of a functional three-protein complex. <i>Cellular Signalling</i> , 2005, 17, 717-727.	1.7	43
31	Formyl peptide receptor 1 suppresses gastric cancer angiogenesis and growth by exploiting inflammation resolution pathways. <i>OncImmunology</i> , 2017, 6, e1293213.	2.1	43
32	Identification of p38 MAPK and JNK as new targets for correction of Wilson disease-causing ATP7B mutants. <i>Hepatology</i> , 2016, 63, 1842-1859.	3.6	42
33	Mapping Phosphorylation Sites: A New Strategy Based on the Use of Isotopically-Labelled Dithiothreitol and Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 401-412.	0.5	41
34	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
35	Structural and biochemical characterization of a new type of lectin isolated from carp eggs. <i>Biochemical Journal</i> , 2003, 376, 433-440.	1.7	40
36	New oxylipins produced at the end of a diatom bloom and their effects on copepod reproductive success and gene expression levels. <i>Harmful Algae</i> , 2016, 55, 221-229.	2.2	40

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37	Transglutaminase from Rat Coagulating Gland Secretion. <i>Journal of Biological Chemistry</i> , 1996, 271, 27416-27423.	1.6	39
38	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
39	The peculiar structural features of kiwi fruit pectin methylesterase: Amino acid sequence, oligosaccharides structure, and modeling of the interaction with its natural proteinaceous inhibitor. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 195-206.	1.5	39
40	A new anti-infective strategy to reduce the spreading of antibiotic resistance by the action on adhesion-mediated virulence factors in <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2013, 63, 44-53.	1.3	39
41	Malvidin and cyanidin derivatives from açaí fruit (<i>Euterpe oleracea</i> Mart.) counteract UV-A-induced oxidative stress in immortalized fibroblasts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 172, 42-51.	1.7	39
42	The structure of the oligosaccharides of N-cadherin from human melanoma cell lines. <i>Glycoconjugate Journal</i> , 2003, 20, 483-492.	1.4	38
43	Privileged Incorporation of Selenium as Selenocysteine in <i>Lactobacillus reuteri</i> Proteins Demonstrated by Selenium-specific Imaging and Proteomics. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2196-2204.	2.5	38
44	Biosensor surface functionalization by a simple photochemical immobilization of antibodies: experimental characterization by mass spectrometry and surface enhanced Raman spectroscopy. <i>Analyst</i> , 2019, 144, 6871-6880.	1.7	38
45	Divergent behavior of hydrogen sulfide pools and of the sulfur metabolite lantionine, a novel uremic toxin, in dialysis patients. <i>Biochimie</i> , 2016, 126, 97-107.	1.3	37
46	Ferritin nanocages loaded with gold ions induce oxidative stress and apoptosis in MCF-7 human breast cancer cells. <i>Dalton Transactions</i> , 2017, 46, 15354-15362.	1.6	37
47	L1CAM from human melanoma carries a novel type of N-glycan with Gal β 21-4Gal β 21- motif. Involvement of N-linked glycans in migratory and invasive behaviour of melanoma cells. <i>Glycoconjugate Journal</i> , 2013, 30, 205-225.	1.4	36
48	Animal-like prostaglandins in marine microalgae. <i>ISME Journal</i> , 2017, 11, 1722-1726.	4.4	36
49	hnRNP H1 and intronic G runs in the splicing control of the human rpl3 gene. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 419-428.	0.9	35
50	The Regions of the Sequence Most Exposed to the Solvent Within the Amyloidogenic State of a Protein Initiate the Aggregation Process. <i>Journal of Molecular Biology</i> , 2004, 336, 253-262.	2.0	34
51	Protein Glycosylation Investigated by Mass Spectrometry: An Overview. <i>Cells</i> , 2020, 9, 1986.	1.8	34
52	The identification and molecular characterization of the first archaeal bifunctional exo- β -glucosidase/N-acetyl- β -glucosaminidase demonstrate that family GH116 is made of three functionally distinct subfamilies. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 367-377.	1.1	33
53	Characterization of the oligosaccharide component of β 1 integrin from human bladder carcinoma cell line T24 and its role in adhesion and migration. <i>European Journal of Cell Biology</i> , 2006, 85, 47-57.	1.6	32
54	A family GH51 β -l-arabinofuranosidase from <i>Pleurotus ostreatus</i> : identification, recombinant expression and characterization. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 995-1006.	1.7	32

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55	Evolution of an insect immune barrier through horizontal gene transfer mediated by a parasitic wasp. <i>PLoS Genetics</i> , 2019, 15, e1007998.	1.5	32
56	Pt(II) versus Pt(IV) in Carbene Glycoconjugate Antitumor Agents: Minimal Structural Variations and Great Performance Changes. <i>Inorganic Chemistry</i> , 2020, 59, 4002-4014.	1.9	32
57	Characterization of low-molecular-mass trypsin isoinhibitors from oil-rape (<i>Brassica napus</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.2	31
58	Characterisation of $\alpha 3 \beta 1$ and $\alpha v \beta 3$ integrin N-oligosaccharides in metastatic melanoma WM9 and WM239 cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 1421-1431.	1.1	31
59	cis-acting sequences and trans-acting factors in the localization of mRNA for mitochondrial ribosomal proteins. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 820-829.	0.9	31
60	New perspectives in cancer: Modulation of lipid metabolism and inflammation resolution. <i>Pharmacological Research</i> , 2018, 128, 80-87.	3.1	31
61	Ribosomal protein L7a binds RNA through two distinct RNA-binding domains. <i>Biochemical Journal</i> , 2005, 385, 289-299.	1.7	30
62	A proteomic approach to investigate the effects of cadmium and lead on human primary renal cells. <i>Metallomics</i> , 2014, 6, 587-597.	1.0	29
63	A simple MALDI plate functionalization by Vmh2 hydrophobin for serial multi-enzymatic protein digestions. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 487-496.	1.9	29
64	Thetbf-1Gene from the White TruffleTuber borchiiCodes for a Structural Cell Wall Protein Specifically Expressed in Fruitbody1. <i>Fungal Genetics and Biology</i> , 1998, 25, 87-99.	0.9	28
65	Different carbon sources affect lifespan and protein redox state during <i>Saccharomyces cerevisiae</i> chronological ageing. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 933-947.	2.4	28
66	A Biochemical and Cellular Approach to Explore the Antiproliferative and Prodifferentiative Activity of Aloe Arborescens Leaf Extract. <i>Phytotherapy Research</i> , 2013, 27, 1819-1828.	2.8	28
67	Effect of temperature on the interaction of cisplatin with the model protein hen egg white lysozyme. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 433-442.	1.1	28
68	Identification of free phosphopeptides in different biological fluids by a mass spectrometry approach. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 147-159.	1.9	27
69	Selective detection and identification of phosphopeptides by dansyl MS/MS/MS fragmentation. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1400-1404.	0.7	26
70	Bitter vetch (<i>Vicia ervilia</i>) seed protein concentrate as possible source for production of bilayered films and biodegradable containers. <i>Food Hydrocolloids</i> , 2016, 60, 232-242.	5.6	26
71	The structure of the oligosaccharides of $\alpha 3 \beta 1$ integrin from human ureter epithelium (HCV29) cell line.. <i>Acta Biochimica Polonica</i> , 2002, 49, 491-500.	0.3	26
72	A machine learning-enhanced biosensor for mercury detection based on an hydrophobin chimera. <i>Biosensors and Bioelectronics</i> , 2022, 196, 113696.	5.3	26

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73	Tubulin nitration in human gliomas. <i>Neuroscience Letters</i> , 2006, 394, 57-62.	1.0	25
74	Novel method to investigate protein carbonylation by iTRAQ strategy. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1631-1635.	1.9	25
75	Synthetic Lethality Screening Identifies FDA-Approved Drugs that Overcome ATP7B-Mediated Tolerance of Tumor Cells to Cisplatin. <i>Cancers</i> , 2020, 12, 608.	1.7	25
76	Structural and membrane-binding properties of saposin D. <i>FEBS Journal</i> , 1999, 263, 486-494.	0.2	24
77	Positive modulation of RNA polymerase III transcription by ribosomal proteins. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 489-493.	1.0	24
78	Serum protein profiling of early and advanced stage Crohn's disease. <i>EuPA Open Proteomics</i> , 2014, 3, 48-59.	2.5	23
79	Caged noble metals: Encapsulation of a cytotoxic platinum(II)-gold(I) compound within the ferritin nanocage. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1116-1121.	3.6	23
80	Simultaneous production of antioxidants and starch from the microalga <i>Chlorella sorokiniana</i> . <i>Algal Research</i> , 2018, 34, 164-174.	2.4	23
81	Quantification of Polyphenols and Metals in Chinese Tea Infusions by Mass Spectrometry. <i>Foods</i> , 2020, 9, 835.	1.9	23
82	Advantages and limitations of laser desorption/ionization mass spectrometric techniques in the chemical characterization of complex carbonaceous materials. <i>International Journal of Mass Spectrometry</i> , 2010, 295, 98-102.	0.7	22
83	Deglycosylation Step to Improve the Identification of Egg Proteins in Art Samples. <i>Analytical Chemistry</i> , 2015, 87, 10178-10182.	3.2	22
84	Encapsulation of the Dinuclear Trithiolato-bridged Arene Ruthenium Complex Diruthenium in an Apoferritin Nanocage: Structure and Cytotoxicity. <i>ChemMedChem</i> , 2019, 14, 594-602.	1.6	22
85	Mass spectrometry study of ecto-5'-nucleotidase from bull seminal plasma. <i>FEBS Journal</i> , 2000, 267, 4978-4987.	0.2	21
86	X-ray Structure of the Carboplatin-Loaded Apo-Ferritin Nanocage. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 433-437.	1.3	21
87	Multiple Reaction Monitoring Tandem Mass Spectrometry Approach for the Identification of Biological Fluids at Crime Scene Investigations. <i>Analytical Chemistry</i> , 2018, 90, 5627-5636.	3.2	21
88	A thermophilic C-phycoyanin with unprecedented biophysical and biochemical properties. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 38-51.	3.6	21
89	Membrane proteome in <i>Escherichia coli</i> probed by MS3 mass spectrometry: a preliminary report. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2389-2397.	0.7	20
90	Gating deficits in isolation-reared rats are correlated with alterations in protein expression in nucleus accumbens. <i>Journal of Neurochemistry</i> , 2009, 108, 611-620.	2.1	20

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91	Preferential DNA damage prevention by the <i>E. coli</i> AidB gene: A new mechanism for the protection of specific genes. <i>DNA Repair</i> , 2011, 10, 934-941.	1.3	20
92	Antagonistic Role of CotG and CotH on Spore Germination and Coat Formation in <i>Bacillus subtilis</i> . <i>PLoS ONE</i> , 2014, 9, e104900.	1.1	20
93	The carbohydrates of the isoforms of three avian riboflavin-binding proteins. <i>FEBS Journal</i> , 1999, 263, 849-858.	0.2	19
94	Transglutaminase-mediated amine incorporation into substance P protects the peptide against proteolysis in vitro. <i>Regulatory Peptides</i> , 1999, 84, 75-80.	1.9	19
95	Structural characterization of the oligosaccharide chains of human α_1 -microglobulin from urine and amniotic fluid. <i>FEBS Journal</i> , 2000, 267, 2105-2112.	0.2	19
96	<i>Tuber borchii</i> fruit body: 2-dimensional profile and protein identification. <i>Phytochemistry</i> , 2004, 65, 813-820.	1.4	19
97	Identification of ^{63}Ni Protein Interactions by Mass Spectrometry. <i>Journal of Proteome Research</i> , 2010, 9, 2042-2048.	1.8	19
98	The constituents of the ink from a Qumran inkwell: new prospects for provenancing the ink on the Dead Sea Scrolls. <i>Journal of Archaeological Science</i> , 2012, 39, 2956-2968.	1.2	19
99	Selenium effects on the metabolism of a Se-metabolizing <i>Lactobacillus reuteri</i> : analysis of envelope-enriched and extracellular proteomes. <i>Molecular BioSystems</i> , 2014, 10, 1272-1280.	2.9	19
100	Characterization of five new low-molecular-mass trypsin inhibitors from white mustard (<i>Sinapis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.2	18
101	The Ribosomal Protein L2 Interacts with the RNA Polymerase β Subunit and Acts as a Transcription Modulator in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2010, 192, 1882-1889.	1.0	18
102	A cascade extraction of active phycocyanin and fatty acids from <i>Galdieria phlegrea</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9455-9464.	1.7	18
103	A comparative assessment of metals and phthalates in commercial tea infusions: A starting point to evaluate their tolerance limits. <i>Food Chemistry</i> , 2019, 288, 193-200.	4.2	18
104	Identification of proteinaceous binders in paintings: A targeted proteomic approach for cultural heritage. <i>Microchemical Journal</i> , 2019, 144, 319-328.	2.3	18
105	Relationship between the metabolic and lipid profile in follicular fluid of women undergoing in vitro fertilization. <i>Molecular Reproduction and Development</i> , 2020, 87, 986-997.	1.0	18
106	Binding and Relaxometric Properties of Heme Complexes with Cyanogen Bromide Fragments of Human Serum Albumin. <i>Biophysical Journal</i> , 2002, 83, 2248-2258.	0.2	17
107	The paired box transcription factor Pax8 is essential for function and survival of adult thyroid cells. <i>Molecular and Cellular Endocrinology</i> , 2014, 396, 26-36.	1.6	17
108	A hypothesis of sudden body fluid vaporization in the 79 AD victims of Vesuvius. <i>PLoS ONE</i> , 2018, 13, e0203210.	1.1	17

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109	Technical advances in proteomics mass spectrometry: identification of post-translational modifications. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 647-65.	1.4	16
110	Chemical Cleavage of an Asp-Cys Sequence Allows Efficient Production of Recombinant Peptides with an N-Terminal Cysteine Residue. <i>Bioconjugate Chemistry</i> , 2018, 29, 1373-1383.	1.8	16
111	Mathematical optimization of the green extraction of polyphenols from grape peels through a cyclic pressurization process. <i>Heliyon</i> , 2019, 5, e01526.	1.4	16
112	Oxidation of diclofenac in water by sodium hypochlorite: Identification of new degradation by-products and their ecotoxicological evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113762.	1.4	16
113	The different forms of PNS myelin PO protein within and outside lipid rafts. <i>Journal of Neurochemistry</i> , 2008, 107, 291-301.	2.1	15
114	From untargeted metabolomics to the multiple reaction monitoring-based quantification of polyphenols in chocolates from different geographical areas. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4651.	0.7	15
115	Symbiotic responses of <i>Lotus japonicus</i> to two isogenic lines of a mycorrhizal fungus differing in the presence/absence of an endobacterium. <i>Plant Journal</i> , 2021, 108, 1547-1564.	2.8	15
116	Assignment of Disulphide Bridges in Par j 2.0101, a Major Allergen of <i>Parietaria judaica</i> Pollen. <i>Biological Chemistry</i> , 2003, 384, 1165-1172.	1.2	14
117	Dansyl-peptides matrix-assisted laser desorption/ionization mass spectrometric (MALDI-MS) and tandem mass spectrometric (MS/MS) features improve the liquid chromatography/MALDI-MS/MS analysis of the proteome. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3021-3032.	0.7	14
118	Dansyl labeling and bidimensional mass spectrometry to investigate protein carbonylation. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 223-231.	0.7	14
119	Subtype-Selective Activation of $K_{v}7$ Channels by AaTXK ¹² , a Novel Toxin Variant from the <i>Androctonus australis</i> Scorpion Venom. <i>Molecular Pharmacology</i> , 2013, 84, 763-773.	1.0	14
120	Structural Characterization of Four Genetic Variants of Human Serum Albumin Associated with Alloalbuminemia in Italy. <i>FEBS Journal</i> , 1997, 247, 476-482.	0.2	13
121	Synthesis and Proteomic Activity Evaluation of a new Isotope-Coded Affinity Tagging (ICAT) Reagent. <i>Bioconjugate Chemistry</i> , 2008, 19, 1095-1104.	1.8	13
122	Quantitative determination of free D-Asp, L-Asp and N-methyl-D-aspartate in mouse brain tissues by chiral separation and Multiple Reaction Monitoring tandem mass spectrometry. <i>PLoS ONE</i> , 2017, 12, e0179748.	1.1	13
123	Sweat urea bioassay based on degradation of Prussian Blue as the sensing architecture. <i>Analytica Chimica Acta</i> , 2022, 1210, 339882.	2.6	13
124	PhAP protease from <i>Pseudoalteromonas haloplanktis</i> TAC125: Gene cloning, recombinant production in <i>E. coli</i> and enzyme characterization. <i>Polar Science</i> , 2010, 4, 285-294.	0.5	12
125	<i>Xanthomonas campestris</i> lipooligosaccharides trigger innate immunity and oxidative burst in <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 85, 51-62.	2.8	12
126	Synthesis, Surface Properties, and Self-Aggregation Behavior of a Branched N,N -Dimethylalkylamine Oxide Surfactant. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 115-124.	1.0	12

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127	Heat-Induced Brain Vitrification from the Vesuvius Eruption in <sc>c.e.</sc> 79. New England Journal of Medicine, 2020, 382, 383-384.	13.9	12
128	Molecular fingerprint of the alcoholic Grappa beverage by mass spectrometry techniques. Food Research International, 2015, 72, 106-114.	2.9	11
129	Profiling Carbonylated Proteins in Heart and Skeletal Muscle Mitochondria from Trained and Untrained Mice. Journal of Proteome Research, 2016, 15, 3666-3678.	1.8	11
130	A hypothesis on different technological solutions for outdoor and indoor Roman wall paintings. Archaeological and Anthropological Sciences, 2017, 9, 591-602.	0.7	11
131	Modified denatured lysozyme effectively solubilizes fullerene c60 nanoparticles in water. Nanotechnology, 2017, 28, 335601.	1.3	10
132	Green synthesis of conductive polyaniline by <i>Trametes versicolor</i> laccase using a DNA template. Engineering in Life Sciences, 2019, 19, 631-642.	2.0	10
133	Fiano, Greco and Falanghina grape cultivars differentiation by volatiles fingerprinting, a case study. Heliyon, 2019, 5, e02287.	1.4	10
134	Identification of SARS-CoV-2 Proteins from Nasopharyngeal Swabs Probed by Multiple Reaction Monitoring Tandem Mass Spectrometry. ACS Omega, 2021, 6, 34945-34953.	1.6	10
135	Rat Coagulating Gland Secretion Contains a Kinesin Heavy Chain-like Protein Acting as a Type IV Transglutaminase Substrate. Biochemistry, 2001, 40, 4966-4971.	1.2	9
136	A Rapid and Selective Mass Spectrometric Method for the Identification of Nitrated Proteins. Methods in Molecular Biology, 2008, 477, 15-29.	0.4	9
137	Specific DNA Binding and Regulation of Its Own Expression by the AidB Protein in <i>Escherichia coli</i> . Journal of Bacteriology, 2010, 192, 6136-6142.	1.0	9
138	Innate immunity probed by lipopolysaccharides affinity strategy and proteomics. Analytical and Bioanalytical Chemistry, 2013, 405, 775-784.	1.9	9
139	Preparation, structure, cytotoxicity and mechanism of action of ferritin-Pt(II) terpyridine compound nanocomposites. Nanomedicine, 2018, 13, 2995-3007.	1.7	9
140	A multi-scale time-resolved study of photoactivated dynamics in 5-benzyl uracil, a model for DNA/protein interactions. Physical Chemistry Chemical Physics, 2019, 21, 26301-26310.	1.3	9
141	Metabolomic profiling of food matrices: Preliminary identification of potential markers of microbial contamination. Journal of Food Science, 2020, 85, 3467-3477.	1.5	9
142	Analysis of human serum albumin variants by mass spectrometric procedures. BBA - Proteins and Proteomics, 1998, 1384, 79-92.	2.1	8
143	Glycoproteome Study in Myocardial Lesions Serum by Integrated Mass Spectrometry Approach: Preliminary Insights. European Journal of Mass Spectrometry, 2010, 16, 123-149.	0.5	8
144	Cross-species toxicogenomic analyses and phenotypic anchoring in response to groundwater low-level pollution. BMC Genomics, 2014, 15, 1067.	1.2	8

#	ARTICLE	IF	CITATIONS
145	A physicochemical investigation on the metal binding properties of TtSmtB, a thermophilic member of the ArsR/SmtB transcription factor family. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 1056-1063.	3.6	7
146	N-Linked glycans of proteins from mitral valves of normal pigs and pigs affected by endocardiosis. <i>FEBS Journal</i> , 2000, 267, 1299-1306.	0.2	6
147	Assignment of the Complete Disulphide Bridge Pattern in the Human Recombinant Follitropin \hat{I}^2 -Chain. <i>Biological Chemistry</i> , 2001, 382, 961-8.	1.2	6
148	Analysis of the role of O α -Glycosylation in GH51 \hat{I} - α -L-Arabinofuranosidase from <i>Pleurotus ostreatus</i> . <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 727-737.	1.4	6
149	Laccase-based synthesis of SIC-RED: A new dyeing product for protein gel staining. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 15, 270-276.	1.5	6
150	New chemical-physical properties of water after iterative procedure using hydrophilic polymers: The case of paper filter. <i>Journal of Molecular Liquids</i> , 2019, 296, 111808.	2.3	6
151	Follicular microenvironment: Oxidative stress and adiponectin correlated with steroids hormones in women undergoing in vitro fertilization. <i>Molecular Reproduction and Development</i> , 2021, 88, 175-184.	1.0	6
152	Altered Expression of Protamine-like and Their DNA Binding Induced by Cr(VI): A Possible Risk to Spermatogenesis?. <i>Biomolecules</i> , 2022, 12, 700.	1.8	6
153	Structural analysis, fatty acid and thyroxine binding properties of Vancouver and Naskapi variants of human serum albumin. <i>Clinical Biochemistry</i> , 2003, 36, 597-605.	0.8	5
154	Qualitative screening in doping control by MALDI-TOF/TOF mass spectrometry: A proof-of-evidence. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 193-197.	1.4	5
155	Why Consumers Prefer Green Friariello Pepper: Changes in the Protein and Metabolite Profiles Along the Ripening. <i>Frontiers in Plant Science</i> , 2021, 12, 668562.	1.7	5
156	Inflammation protein quantification by multiple reaction monitoring mass spectrometry in lipopolysaccharide \hat{I} -stimulated THP \hat{I} cells. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9166.	0.7	5
157	Modulation of Human Hydrogen Sulfide Metabolism by Micronutrients, Preliminary Data. <i>Nutrition and Metabolic Insights</i> , 2022, 15, 117863882110653.	0.8	5
158	LC \hat{I} -MS/MS-Based Quantification Method of Polyphenols for Valorization of Ancient Apple Cultivars from Cilento. <i>ACS Food Science & Technology</i> , 2022, 2, 647-654.	1.3	5
159	Mass spectrometry based proteomics for the molecular fingerprinting of Fiano, Greco and Falanghina cultivars. <i>Food Research International</i> , 2019, 120, 26-32.	2.9	4
160	The Analysis of Phosphoproteomes by Selective Labelling and Advanced Mass Spectrometric Techniques. <i>Methods in Molecular Biology</i> , 2009, 527, 173-190.	0.4	4
161	Structural characterization and independent folding of a chimeric glycoprotein comprising granulocyte-macrophage colony stimulating factor and erythropoietin sequences. <i>Glycobiology</i> , 1998, 8, 779-790.	1.3	4
162	Curing Efficiency of Novolac-Type Phenol \hat{I} -Formaldehyde Resins from Viscoelastic Properties. <i>Macromolecules</i> , 2021, 54, 11372-11383.	2.2	4

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163	Proteomic analysis of cells exposed to prefibrillar aggregates of HypF-N. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1243-1250.	1.1	3
164	Label-free quantitative proteomics of the MCF-7 cellular response to a ferritin-metallo drug complex. <i>Molecular Omics</i> , 2020, 16, 165-173.	1.4	3
165	An Endemic Plant of the Mediterranean Area: Phytochemical Characterization of Strawberry Tree (<i>Arbutus unedo</i> L.) Fruits Extracts at Different Ripening Stages. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	3
166	Bovine tryptases. cDNA cloning, tissue specific expression and characterization of the lung isoform. <i>FEBS Journal</i> , 2003, 270, 507-517.	0.2	2
167	Targeted phospholipidomic analysis of synovial fluid as a tool for osteoarthritis deep phenotyping. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100219.	0.9	2
168	Apolipoprotein A-I amyloidogenic variant L174S, expressed and isolated from stably transfected mammalian cells, is associated with fatty acids. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2012, 19, 21-27.	1.4	1
169	Differentiation of Four Tuna Species by Two-Dimensional Electrophoresis and Mass Spectrometric Analysis. , 0, , .		1
170	Reply to Ira Rabin's Comment on our paper Rasmussen et al. (2012). <i>Journal of Archaeological Science</i> , 2014, 43, 155-158.	1.2	0
171	The Analysis of Phosphoproteomes by Selective Labelling and Advanced Mass Spectrometric Techniques. <i>Methods in Molecular Biology</i> , 2009, , 173-190.	0.4	0