

Francisco M L Amado

List of Publications by Year in descending order

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184
papers

6,003
citations

57719

44
h-index

110317

64
g-index

187
all docs

187
docs citations

187
times ranked

8468
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of human whole saliva protein components using proteomics. <i>Proteomics</i> , 2004, 4, 1109-1115.	1.3	272
2	Comprehensive Study on the Chemical Structure of Dioxane Lignin from Plantation <i>Eucalyptus globulus</i> Wood. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4252-4261.	2.4	213
3	Two-dimensional electrophoresis study of in vitro pellicle formation and dental caries susceptibility. <i>European Journal of Oral Sciences</i> , 2006, 114, 147-153.	0.7	132
4	Reactivity of Human Salivary Proteins Families Toward Food Polyphenols. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5535-5547.	2.4	128
5	Analysis of the human saliva proteome. <i>Expert Review of Proteomics</i> , 2005, 2, 521-539.	1.3	111
6	Subsarcolemmal and intermyofibrillar mitochondria proteome differences disclose functional specializations in skeletal muscle. <i>Proteomics</i> , 2010, 10, 3142-3154.	1.3	109
7	Salivary peptidomics. <i>Expert Review of Proteomics</i> , 2010, 7, 709-721.	1.3	108
8	One decade of salivary proteomics: Current approaches and outstanding challenges. <i>Clinical Biochemistry</i> , 2013, 46, 506-517.	0.8	106
9	Effects of olive oil polyphenols on erythrocyte oxidative damage. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 609-616.	1.5	95
10	Identification of oxidation products and free radicals of tryptophan by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 406-416.	1.2	91
11	The role of salivary peptides in dental caries. <i>Biomedical Chromatography</i> , 2005, 19, 214-222.	0.8	87
12	Hepatotoxicity of 3,4-methylenedioxyamphetamine and ?-methyl dopamine in isolated rat hepatocytes: formation of glutathione conjugates. <i>Archives of Toxicology</i> , 2004, 78, 16-24.	1.9	82
13	Proteomics of immune-challenged <i>Drosophila melanogaster</i> larvae hemolymph. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 106-115.	1.0	79
14	Overexpression of tumour-associated carbohydrate antigen sialyl-Tn in advanced bladder tumours. <i>Molecular Oncology</i> , 2013, 7, 719-731.	2.1	79
15	Estrogen receptor beta growth-inhibitory effects are repressed through activation of MAPK and PI3K signalling in mammary epithelial and breast cancer cells. <i>Oncogene</i> , 2013, 32, 2390-2402.	2.6	78
16	Effect of the pH of growth on the survival of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> to stress conditions during spray-drying. <i>Journal of Applied Microbiology</i> , 2005, 98, 775-782.	1.4	77
17	Discrimination effects and sensitivity variations in matrix-assisted laser desorption/ionization. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1347-1352.	0.7	76
18	Synthesis and Optimization of Lectin Functionalized Nanoprobes for the Selective Recovery of Glycoproteins from Human Body Fluids. <i>Analytical Chemistry</i> , 2011, 83, 7035-7043.	3.2	72

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19	Metabolism Is Required for the Expression of Ecstasy-Induced Cardiotoxicity in Vitro. <i>Chemical Research in Toxicology</i> , 2004, 17, 623-632.	1.7	71
20	Uncovering the molecular networks in periodontitis. <i>Proteomics - Clinical Applications</i> , 2014, 8, 748-761.	0.8	69
21	Application of Electrospray Ionization Mass Spectrometry to the Elucidation of the Primary Structure of Lignin. <i>Macromolecular Bioscience</i> , 2003, 3, 339-343.	2.1	67
22	Separation of peroxidation products of diacyl-phosphatidylcholines by reversed-phase liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2005, 19, 129-137.	0.8	66
23	Expression and functionality of histone H2A variants in cancer. <i>Oncotarget</i> , 2014, 5, 3428-3443.	0.8	66
24	Glycoproteomic Analysis of Serum from Patients with Gastric Precancerous Lesions. <i>Journal of Proteome Research</i> , 2013, 12, 1454-1466.	1.8	65
25	Chemical Composition of Spent Liquors from Acidic Magnesium-Based Sulphite Pulping of <i>Eucalyptus globulus</i> . <i>Journal of Wood Chemistry and Technology</i> , 2009, 29, 322-336.	0.9	64
26	Impact of Lifelong Sedentary Behavior on Mitochondrial Function of Mice Skeletal Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 927-939.	1.7	60
27	Molecular insights into mitochondrial dysfunction in cancer-related muscle wasting. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 896-905.	1.2	59
28	Analysis of Peptide and Protein Samples Containing Surfactants by MALDI-MS. <i>Analytical Chemistry</i> , 1997, 69, 1102-1106.	3.2	56
29	Oxidation of bovine serum albumin: identification of oxidation products and structural modifications. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2307-2315.	0.7	55
30	Multiplicity of aspartic proteinases from <i>Cynara cardunculus</i> L. <i>Planta</i> , 2009, 230, 429-439.	1.6	54
31	Bladder cancer-induced skeletal muscle wasting: Disclosing the role of mitochondria plasticity. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1399-1409.	1.2	54
32	BEHAVIOR OF EUCALYPTUS GLOBULUS LIGNIN DURING KRAFT PULPING. II. ANALYSIS BY NMR, ESI/MS, AND GPC. <i>Journal of Wood Chemistry and Technology</i> , 2002, 22, 109-125.	0.9	52
33	Finding new posttranslational modifications in salivary proline-rich proteins. <i>Proteomics</i> , 2010, 10, 3732-3742.	1.3	52
34	Effects of Chitoooligosaccharides on Human Red Blood Cell Morphology and Membrane Protein Structure. <i>Biomacromolecules</i> , 2008, 9, 3346-3352.	2.6	51
35	Effects of Exercise Training on Endothelial Progenitor Cells in Cardiovascular Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 1020-1030.	0.7	51
36	Lignin aerobic oxidation promoted by molybdovanadophosphate polyanion [PMo ₇ V ₅ O ₄₀] ⁸⁻ . Study on the oxidative cleavage of 1 ² -O-4 aryl ether structures using model compounds. <i>Journal of Molecular Catalysis A</i> , 2000, 154, 217-224.	4.8	50

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37	Structure of Lignosulphonates from Acidic Magnesium-Based Sulphite Pulping of <i>Eucalyptus globulus</i> . Journal of Wood Chemistry and Technology, 2009, 29, 337-357.	0.9	50
38	Salivary Proteome and Peptidome Profiling in Type 1 Diabetes Mellitus Using a Quantitative Approach. Journal of Proteome Research, 2013, 12, 1700-1709.	1.8	50
39	Radical peroxidation of palmitoyl-linoleoyl-glycerophosphocholine liposomes: Identification of long-chain oxidised products by liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 855, 186-199.	1.2	49
40	Subcellular proteomics of mice gastrocnemius and soleus muscles. Analytical Biochemistry, 2007, 366, 156-169.	1.1	48
41	Tyrosine Polysulfation of Human Salivary Histatin 1. A Post-Translational Modification Specific of the Submandibular Gland. Journal of Proteome Research, 2007, 6, 2472-2480.	1.8	47
42	Characterization of sodiated glycerol phosphatidylcholine phospholipids by mass spectrometry. Rapid Communications in Mass Spectrometry, 2001, 15, 799-804.	0.7	46
43	Regulation of histone H2A.Z expression is mediated by sirtuin 1 in prostate cancer. Oncotarget, 2013, 4, 1673-1685.	0.8	45
44	Gluteus Medius Muscle Atrophy is Related to Contralateral and Ipsilateral Hip Joint Osteoarthritis. International Journal of Sports Medicine, 2007, 28, 1035-1039.	0.8	44
45	Peptidomic analysis of human acquired enamel pellicle. Biomedical Chromatography, 2007, 21, 1107-1117.	0.8	44
46	Cross-species comparison of mammalian saliva using an LC-MALDI based proteomic approach. Proteomics, 2015, 15, 1598-1607.	1.3	44
47	Drosophila melanogaster larval hemolymph protein mapping. Biochemical and Biophysical Research Communications, 2003, 312, 545-554.	1.0	43
48	Purification and characterization of a new peptide antibiotic produced by a thermotolerant Bacillus licheniformis strain. Biotechnology Letters, 2004, 26, 115-119.	1.1	43
49	Skeletal muscle atrophy increases cell proliferation in mice gastrocnemius during the first week of hindlimb suspension. European Journal of Applied Physiology, 2006, 97, 340-346.	1.2	43
50	Towards defining the whole salivary peptidome. Proteomics - Clinical Applications, 2009, 3, 528-540.	0.8	43
51	FGF2 induces breast cancer growth through ligand-independent activation and recruitment of ER α and PRB1 α isoform to MYC regulatory sequences. International Journal of Cancer, 2019, 145, 1874-1888.	2.3	43
52	Peptide profile of human acquired enamel pellicle using MALDI tandem MS. Journal of Separation Science, 2008, 31, 523-537.	1.3	41
53	Glycation and oxidation of histones H2B and H1: in vitro study and characterization by mass spectrometry. Analytical and Bioanalytical Chemistry, 2011, 399, 3529-3539.	1.9	41
54	Analysis of salivary peptides using HPLC-electrospray mass spectrometry. Biomedical Chromatography, 2004, 18, 570-575.	0.8	39

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55	Toward a standardized saliva proteome analysis methodology. <i>Journal of Proteomics</i> , 2012, 75, 5140-5165.	1.2	39
56	An evolutionary perspective of mammal salivary peptide families: Cystatins, histatins, statherin and PRPs. <i>Archives of Oral Biology</i> , 2013, 58, 451-458.	0.8	39
57	Mitochondrial Cumulative Damage Induced by Mitoxantrone: Late Onset Cardiac Energetic Impairment. <i>Cardiovascular Toxicology</i> , 2014, 14, 30-40.	1.1	37
58	Recent insights on the molecular mechanisms and therapeutic approaches for cardiac cachexia. <i>Clinical Biochemistry</i> , 2014, 47, 8-15.	0.8	37
59	Response of high-risk of recurrence/progression bladder tumours expressing sialyl-Tn and sialyl-6-T to BCG immunotherapy. <i>British Journal of Cancer</i> , 2013, 109, 2106-2114.	2.9	36
60	Cardioprotective effects of early and late aerobic exercise training in experimental pulmonary arterial hypertension. <i>Basic Research in Cardiology</i> , 2015, 110, 57.	2.5	36
61	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. <i>Toxicology</i> , 2006, 224, 210-218.	2.0	35
62	Adrenaline in pro-oxidant conditions elicits intracellular survival pathways in isolated rat cardiomyocytes. <i>Toxicology</i> , 2009, 257, 70-79.	2.0	35
63	Lifelong Physical Activity Modulation of the Skeletal Muscle Mitochondrial Proteome in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 832-842.	1.7	35
64	Endurance training prevents TWEAK but not myostatin-mediated cardiac remodelling in cancer cachexia. <i>Archives of Biochemistry and Biophysics</i> , 2015, 567, 13-21.	1.4	35
65	Changes in the salivary protein profile of morbidly obese women either previously subjected to bariatric surgery or not. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 691-702.	1.3	35
66	In vitro hydroxyapatite adsorbed salivary proteins. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 342-346.	1.0	34
67	Salivary proteome and glucose levels are related with sweet taste sensitivity in young adults. <i>Food and Nutrition Research</i> , 2017, 61, 1389-208.	1.2	34
68	Detection and characterization by mass spectrometry of radical adducts produced by linoleic acid oxidation. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 1250-1261.	1.2	33
69	Pursuing type 1 diabetes mellitus and related complications through urinary proteomics. <i>Translational Research</i> , 2014, 163, 188-199.	2.2	33
70	Intermittent cardiac overload results in adaptive hypertrophy and provides protection against left ventricular acute pressure overload insult. <i>Journal of Physiology</i> , 2015, 593, 3885-3897.	1.3	33
71	d-Amphetamine Interaction with Glutathione in Freshly Isolated Rat Hepatocytes. <i>Chemical Research in Toxicology</i> , 1996, 9, 1031-1036.	1.7	32
72	<i>Trametes versicolor</i> growth and laccase induction with by-products of pulp and paper industry. <i>Electronic Journal of Biotechnology</i> , 2007, 10, 0-0.	1.2	32

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73	Adrenaline and reactive oxygen species elicit proteome and energetic metabolism modifications in freshly isolated rat cardiomyocytes. <i>Toxicology</i> , 2009, 260, 84-96.	2.0	30
74	Unraveling the exercise-related proteome signature in heart. <i>Basic Research in Cardiology</i> , 2015, 110, 454.	2.5	30
75	Detection and characterization of hydroxyl radical adducts by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 1214-1219.	1.2	29
76	Acute and severe hypobaric hypoxia-induced muscle oxidative stress in mice: the role of glutathione against oxidative damage. <i>European Journal of Applied Physiology</i> , 2004, 91, 185-191.	1.2	29
77	The histone H2A isoform Hist2h2ac is a novel regulator of proliferation and epithelial to mesenchymal transition in mammary epithelial and in breast cancer cells. <i>Cancer Letters</i> , 2017, 396, 42-52.	3.2	29
78	Glycan affinity magnetic nanoplateforms for urinary glycomarkers discovery in bladder cancer. <i>Talanta</i> , 2018, 184, 347-355.	2.9	29
79	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. <i>Biomedical Chromatography</i> , 2003, 17, 6-13.	0.8	28
80	Proteolysis activation and proteome alterations in murine skeletal muscle submitted to 1 week of hindlimb suspension. <i>European Journal of Applied Physiology</i> , 2009, 107, 553-563.	1.2	28
81	Evaluation of different extraction procedures for salivary peptide analysis. <i>Talanta</i> , 2012, 94, 209-215.	2.9	28
82	Analyses of pressure ulcer incidence in inpatient setting in a Portuguese hospital. <i>Journal of Tissue Viability</i> , 2016, 25, 209-215.	0.9	28
83	The role of micropeptides in biology. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3285-3298.	2.4	28
84	Mass spectrometry characterization of the glycation sites of bovine insulin by tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1319-1326.	1.2	26
85	Oxidation of mannosyl oligosaccharides by hydroxyl radicals as assessed by electrospray mass spectrometry. <i>Carbohydrate Research</i> , 2011, 346, 2603-2611.	1.1	26
86	Salivary peptidomic as a tool to disclose new potential antimicrobial peptides. <i>Journal of Proteomics</i> , 2015, 115, 49-57.	1.2	26
87	What can urinary exosomes tell us?. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3265-3283.	2.4	26
88	Patient-derived sialyl-Tn-positive invasive bladder cancer xenografts in nude mice: an exploratory model study. <i>Anticancer Research</i> , 2014, 34, 735-44.	0.5	26
89	Constant neutral loss scanning for the characterization of glycerol phosphatidylcholine phospholipids. <i>Journal of the American Society for Mass Spectrometry</i> , 1998, 9, 1189-1195.	1.2	25
90	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. <i>Mitochondrion</i> , 2013, 13, 762-771.	1.6	25

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91	Patient-derived bladder cancer xenografts: a systematic review. <i>Translational Research</i> , 2015, 166, 324-331.	2.2	25
92	Salivary peptidome in type 1 diabetes mellitus. <i>Biomedical Chromatography</i> , 2012, 26, 571-582.	0.8	24
93	Pressure ulcer risk assessment: retrospective analysis of <sc>B</sc>raden Scale scores in <sc>P</sc>ortuguese hospitalised adult patients. <i>Journal of Clinical Nursing</i> , 2015, 24, 3165-3176.	1.4	24
94	Effects of high-fat diet on salivary Î±-amylase, serum parameters and food consumption in rats. <i>Archives of Oral Biology</i> , 2015, 60, 854-862.	0.8	24
95	Uncovering the exerciseâ€related proteome signature in skeletal muscle. <i>Proteomics</i> , 2016, 16, 816-830.	1.3	24
96	OXPHOS susceptibility to oxidative modifications: The role of heart mitochondrial subcellular location. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1106-1113.	0.5	23
97	Analyses of pressure ulcer point prevalence at the first skin assessment in a Portuguese hospital. <i>Journal of Tissue Viability</i> , 2016, 25, 75-82.	0.9	23
98	Longâ€term exercise training prevents mammary tumorigenesisâ€induced muscle wasting in rats through the regulation of <sc>TWEAK</sc> signalling. <i>Acta Physiologica</i> , 2017, 219, 803-813.	1.8	23
99	Toward the definition of a peptidome signature and protease profile in chronic periodontitis. <i>Proteomics - Clinical Applications</i> , 2015, 9, 917-927.	0.8	21
100	Reactivity of Tyrâ€Leu and Leuâ€Tyr dipeptides: identification of oxidation products by liquid chromatographyâ€tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 681-693.	0.7	20
101	Oxidative modifications in glycated insulin. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1985-1995.	1.9	20
102	Lifelong Exercise Training Modulates Cardiac Mitochondrial Phosphoproteome in Rats. <i>Journal of Proteome Research</i> , 2014, 13, 2045-2055.	1.8	20
103	Insight into the molecular basis of <i>Schistosoma haematobium</i> -induced bladder cancer through urine proteomics. <i>Tumor Biology</i> , 2016, 37, 11279-11287.	0.8	20
104	Acute and Chronic Exposition of Mice to Severe Hypoxia: The Role of Acclimatization against Skeletal Muscle Oxidative Stress. <i>International Journal of Sports Medicine</i> , 2005, 26, 102-109.	0.8	19
105	Identification of salivary proteins at oilâ€water interfaces stabilized by lysozyme and Î²-lactoglobulin. <i>Archives of Oral Biology</i> , 2010, 55, 268-278.	0.8	19
106	Protease profiling of different biofluids in type 1 diabetes mellitus. <i>Clinical Biochemistry</i> , 2012, 45, 1613-1619.	0.8	19
107	Association between Salivary Leptin Levels and Taste Perception in Children. <i>Journal of Nutrition and Metabolism</i> , 2017, 2017, 1-7.	0.7	19
108	<i>De novo</i> sequencing of proteins by mass spectrometry. <i>Expert Review of Proteomics</i> , 2020, 17, 595-607.	1.3	19

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109	Strenuous exercise aggravates MDMA-induced skeletal muscle damage in mice. <i>Toxicology</i> , 2005, 206, 349-358.	2.0	18
110	Effect of lifestyle on age-related mitochondrial protein oxidation in mice cardiac muscle. <i>European Journal of Applied Physiology</i> , 2012, 112, 1467-1474.	1.2	18
111	Synthesis, characterization and biological evaluation of cationic porphyrin-terpyridine derivatives. <i>RSC Advances</i> , 2016, 6, 110674-110685.	1.7	18
112	Reviewing Mechanistic Peptidomics in Body Fluids Focusing on Proteases. <i>Proteomics</i> , 2018, 18, e1800187.	1.3	18
113	Characterization of mitochondrial proteome in a severe case of ETF-QO deficiency. <i>Journal of Proteomics</i> , 2011, 75, 221-228.	1.2	17
114	Relationship between saliva protein composition and 6-Propylthiouracil bitter taste responsiveness in young adults. <i>Journal of Sensory Studies</i> , 2017, 32, e12275.	0.8	17
115	Comparison of salivary proteome of children with different sensitivities for bitter and sweet tastes: association with body mass index. <i>International Journal of Obesity</i> , 2019, 43, 701-712.	1.6	17
116	Cellular patterns of the atrophic response in murine soleus and gastrocnemius muscles submitted to simulated weightlessness. <i>European Journal of Applied Physiology</i> , 2007, 101, 331-340.	1.2	16
117	Impaired protein quality control system underlies mitochondrial dysfunction in skeletal muscle of streptozotocin-induced diabetic rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1189-1197.	1.8	16
118	Unraveling the Phosphoproteome Dynamics in Mammal Mitochondria from a Network Perspective. <i>Journal of Proteome Research</i> , 2013, 12, 4257-4267.	1.8	16
119	Electrospray tandem mass spectrometry of aminochromes. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2466-2471.	0.7	15
120	Biomarkers for cardiac cachexia: Reality or utopia. <i>Clinica Chimica Acta</i> , 2014, 436, 323-328.	0.5	15
121	Proteome signatures—how are they obtained and what do they teach us?. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7417-7431.	1.7	15
122	Identification of linoleic acid free radicals and other breakdown products using spin trapping with liquid chromatography-electrospray tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2006, 20, 109-118.	0.8	14
123	An integrated perspective and functional impact of the mitochondrial acetylome. <i>Expert Review of Proteomics</i> , 2014, 11, 383-394.	1.3	14
124	The potential impact of salivary peptides in periodontitis. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021, 58, 479-492.	2.7	14
125	Characterization and differentiation of ruthenium(II) complexes with 1,4,7-trithiacyclononane and nitrogen heterocycles by electrospray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001, 36, 529-537.	0.7	13
126	Analysis of Low Abundance Membrane-Associated Proteins from Rat Pancreatic Zymogen Granules. <i>Journal of Proteome Research</i> , 2010, 9, 4927-4939.	1.8	13

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127	Remodeling of liver phospholipidomic profile in streptozotocin-induced diabetic rats. Archives of Biochemistry and Biophysics, 2013, 538, 95-102.	1.4	13
128	Novel Exosome Biomarker Candidates for Alzheimer's Disease Unravelled Through Mass Spectrometry Analysis. Molecular Neurobiology, 2022, 59, 2838-2854.	1.9	13
129	On-plate digestion using a commercial microfraction collector for nano-HPLC matrix-assisted laser desorption/ionization tandem time-of-flight protein analysis. Analytical Biochemistry, 2008, 380, 128-130.	1.1	12
130	Moderate exercise training provides left ventricular tolerance to acute pressure overload. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1044-H1052.	1.5	12
131	Mitochondria proteome profiling: A comparative analysis between gel- and gel-free approaches. Talanta, 2013, 115, 277-283.	2.9	12
132	Challenging the limits of detection of sialylated T-homsen's F-riedenreich antigens by in-gel deglycosylation and nano-LC-MALDI-TOF-MS. Electrophoresis, 2013, 34, 2337-2341.	1.3	12
133	Sample Treatment for Saliva Proteomics. Advances in Experimental Medicine and Biology, 2019, 1073, 23-56.	0.8	12
134	Top-Down Proteomics of Human Saliva Discloses Significant Variations of the Protein Profile in Patients with Mastocytosis. Journal of Proteome Research, 2020, 19, 3238-3253.	1.8	12
135	Protein Aggregation Patterns Inform about Breast Cancer Response to Antiestrogens and Reveal the RNA Ligase RTCB as Mediator of Acquired Tamoxifen Resistance. Cancers, 2021, 13, 3195.	1.7	12
136	Reverse hydrolysis by cardosin A: specificity considerations. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 33-37.	1.8	11
137	Proteome-based biomarkers in diabetes mellitus: Progress on biofluids' protein profiling using mass spectrometry. Proteomics - Clinical Applications, 2012, 6, 447-466.	0.8	10
138	Anti-tumoral activity of human salivary peptides. Peptides, 2015, 71, 170-178.	1.2	10
139	Taste sensitivity and lifestyle are associated with food preferences and BMI in children. International Journal of Food Sciences and Nutrition, 2020, 71, 875-883.	1.3	10
140	Elucidating Citrullination by Mass Spectrometry and Its Role in Disease Pathogenesis. Journal of Proteome Research, 2021, 20, 38-48.	1.8	10
141	Proteomic analysis of zymogen granules. Expert Review of Proteomics, 2010, 7, 735-747.	1.3	9
142	Estrogenic effect of the MEK1 inhibitor PD98059 on endogenous estrogen receptor alpha and beta. Journal of Steroid Biochemistry and Molecular Biology, 2011, 124, 25-30.	1.2	9
143	Changes in proximal femur bone properties following ovariectomy and their association with resistance to fracture. Journal of Bone and Mineral Metabolism, 2012, 30, 281-292.	1.3	9
144	endoProteoFASP: A novel FASP approach to profile salivary peptidome and disclose salivary proteases. Talanta, 2015, 132, 486-493.	2.9	9

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145	Insights and clinical potential of proteomics in understanding spermatogenesis. Expert Review of Proteomics, 2021, 18, 13-25.	1.3	9
146	Comparative proteomic analyses of urine from rat urothelial carcinoma chemically induced by exposure to N-butyl-N-(4-hydroxybutyl)-nitrosamine. Molecular BioSystems, 2015, 11, 1594-1602.	2.9	8
147	ESI-MS/MS of expanded porphyrins: a look into their structure and aromaticity. Journal of Mass Spectrometry, 2016, 51, 342-349.	0.7	8
148	Estrogen receptors in urogenital schistosomiasis and bladder cancer: Estrogen receptor alpha-mediated cell proliferation. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 738.e23-738.e35.	0.8	8
149	Glycoprotein Enrichment Method Using a Selective Magnetic Nano-Probe Platform (MNP) Functionalized with Lectins. Methods in Molecular Biology, 2015, 1243, 83-100.	0.4	8
150	Detection and characterization of cyclic hydroxylamine adducts by mass spectrometry. Free Radical Research, 2008, 42, 481-491.	1.5	7
151	Spatially distinct mitochondrial populations exhibit different mitofilin levels. Cell Biochemistry and Function, 2012, 30, 395-399.	1.4	7
152	iTRAQ-based quantitative proteomic analysis of submandibular glands from rats with STZ-induced hyperglycemia. Journal of Biochemistry, 2013, 153, 209-220.	0.9	7
153	An insight into the gas-phase fragmentations of potential molecular sensors with porphyrin-chalcone structures. International Journal of Mass Spectrometry, 2015, 392, 164-172.	0.7	7
154	Biofluid Proteases Profiling in Diabetes Mellitus. Advances in Clinical Chemistry, 2015, 69, 161-207.	1.8	7
155	How can artificial intelligence be used for peptidomics?. Expert Review of Proteomics, 2021, 18, 527-556.	1.3	7
156	Gas-phase CS bond cleavage and crown opening versus nitrogen heterocycle loss from Rull complex ions with 1,4,7,10-tetrathiacyclododecane and bidentate diimines. International Journal of Mass Spectrometry, 2005, 243, 257-268.	0.7	6
157	Radiographic geometric measures of the hip joint and abductor muscle function in patients after total hip replacement. European Journal of Orthopaedic Surgery and Traumatology, 2007, 17, 437-443.	0.6	6
158	Characterization of thymosin β 4 in mammals' saliva. Peptides, 2013, 40, 1-7.	1.2	6
159	Peptidomics and proteogenomics: background, challenges and future needs. Expert Review of Proteomics, 2021, 18, 643-659.	1.3	6
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