

Rui Vitorino

List of Publications by Year in descending order

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232
papers

6,552
citations

93792

39
h-index

111975

67
g-index

237
all docs

237
docs citations

237
times ranked

11282
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of Automatic Text Mining and Genomic and Proteomic Analysis to Unravel Prostate Cancer Biomarkers. <i>Journal of Proteome Research</i> , 2022, 21, 447-458.	1.8	5
2	A Stepwise Framework for the Systematic Development of Lipid Nanoparticles. <i>Biomolecules</i> , 2022, 12, 223.	1.8	12
3	Pericardial Fluid Annexin A1 Is a Marker of Atrial Fibrillation in Aortic Stenosis: A Proteomics Analysis. <i>Journal of Personalized Medicine</i> , 2022, 12, 264.	1.1	1
4	Deciphering specific miRNAs in brain tumors: a 5-miRNA signature in glioblastoma. <i>Molecular Genetics and Genomics</i> , 2022, 297, 507-521.	1.0	9
5	Application of Proteogenomics to Urine Analysis towards the Identification of Novel Biomarkers of Prostate Cancer: An Exploratory Study. <i>Cancers</i> , 2022, 14, 2001.	1.7	8
6	Decoding the radiomic and proteomic phenotype of epicardial adipose tissue associated with adverse left atrial remodelling and post-operative atrial fibrillation in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1248-1259.	0.5	4
7	Cancer- and cardiac-induced cachexia: same fate through different inflammatory mediators?. <i>Inflammation Research</i> , 2022, 71, 771-783.	1.6	4
8	Tracking Prostate Carcinogenesis over Time through Urine Proteome Profiling in an Animal Model: An Exploratory Approach. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7560.	1.8	0
9	Chronic exercise training attenuates prostate cancer-induced molecular remodelling in the testis. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 311-327.	2.1	6
10	Elucidating Citrullination by Mass Spectrometry and Its Role in Disease Pathogenesis. <i>Journal of Proteome Research</i> , 2021, 20, 38-48.	1.8	10
11	What can urinary exosomes tell us?. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3265-3283.	2.4	26
12	Bioinformatic analysis of dysregulated proteins in prostate cancer patients reveals putative urinary biomarkers and key biological pathways. <i>Medical Oncology</i> , 2021, 38, 9.	1.2	6
13	Ghrelin and adipokines: An overview of their physiological role, antimicrobial activity and impact on cardiovascular conditions. <i>Vitamins and Hormones</i> , 2021, 115, 477-509.	0.7	1
14	The role of micropeptides in biology. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3285-3298.	2.4	28
15	Exosome-Derived Mediators as Potential Biomarkers for Cardiovascular Diseases: A Network Approach. <i>Proteomes</i> , 2021, 9, 8.	1.7	21
16	Automatic text-mining as an unbiased approach to uncover molecular associations between periodontitis and coronary artery disease. <i>Biomarkers</i> , 2021, 26, 385-394.	0.9	7
17	Microfluidics for Peptidomics, Proteomics, and Cell Analysis. <i>Nanomaterials</i> , 2021, 11, 1118.	1.9	30
18	The potential impact of salivary peptides in periodontitis. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021, 58, 479-492.	2.7	14

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19	Mining the Biomarker Potential of the Urine Peptidome: From Amino Acids Properties to Proteases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5940.	1.8	10
20	Effect of exercise training on amyloid-like protein aggregates among patients with heart failure. <i>European Journal of Preventive Cardiology</i> , 2021, 28, .	0.8	0
21	Bioinformatic analysis of the human brain extracellular matrix proteome in neurodegenerative disorders. <i>European Journal of Neuroscience</i> , 2021, 53, 4016-4033.	1.2	14
22	Characterization of the Striatal Extracellular Matrix in a Mouse Model of Parkinson's Disease. <i>Antioxidants</i> , 2021, 10, 1095.	2.2	3
23	How can artificial intelligence be used for peptidomics?. <i>Expert Review of Proteomics</i> , 2021, 18, 527-556.	1.3	7
24	Expediting Disulfiram Assays through a Systematic Analytical Quality by Design Approach. <i>Chemosensors</i> , 2021, 9, 172.	1.8	7
25	Gold nanoparticles-based assays for biodetection in urine. <i>Talanta</i> , 2021, 230, 122345.	2.9	18
26	Peptidomics and proteogenomics: background, challenges and future needs. <i>Expert Review of Proteomics</i> , 2021, 18, 643-659.	1.3	6
27	Bioinformatic analysis of senile plaques and neurofibrillary tangles proteomes. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
28	The Secretome of Human Neonatal Mesenchymal Stem Cells Modulates Doxorubicin-Induced Cytotoxicity: Impact in Non-Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13072.	1.8	7
29	Human cells adapt to translational errors by modulating protein synthesis rate and protein turnover. <i>RNA Biology</i> , 2020, 17, 135-149.	1.5	15
30	Epicardial adipose tissue volume and annexin A2/fetuin-A signalling are linked to coronary calcification in advanced coronary artery disease: Computed tomography and proteomic biomarkers from the EPICHEART study. <i>Atherosclerosis</i> , 2020, 292, 75-83.	0.4	25
31	Seasonal proteome variation in intertidal shrimps under a natural setting: Connecting molecular networks with environmental fluctuations. <i>Science of the Total Environment</i> , 2020, 703, 134957.	3.9	6
32	Preoperative myocardial expression of E3 ubiquitin ligases in aortic stenosis patients undergoing valve replacement and their association to postoperative hypertrophy. <i>PLoS ONE</i> , 2020, 15, e0237000.	1.1	1
33	De novo sequencing of proteins by mass spectrometry. <i>Expert Review of Proteomics</i> , 2020, 17, 595-607.	1.3	19
34	Hierarchical design of hyaluronic acid-peptide constructs for glioblastoma targeting: Combining insights from NMR and molecular dynamics simulations. <i>Journal of Molecular Liquids</i> , 2020, 315, 113774.	2.3	10
35	Unraveling the Role of Epicardial Adipose Tissue in Coronary Artery Disease: Partners in Crime?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8866.	1.8	10
36	Influence of EPICardial adipose tissue in HEART diseases (EPICHEART) study: Protocol for a translational study in coronary atherosclerosis. <i>Revista Portuguesa De Cardiologia</i> , 2020, 39, 625-633.	0.2	2

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37	Nanotechnological approaches in cancer. , 2020, , 353-393.		3
38	Sex differences on adipose tissue remodeling: from molecular mechanisms to therapeutic interventions. Journal of Molecular Medicine, 2020, 98, 483-493.	1.7	24
39	A simple aptamer-based colorimetric assay for rapid detection of C-reactive protein using gold nanoparticles. Talanta, 2020, 214, 120868.	2.9	67
40	Fat Quality Matters: Distinct Proteomic Signatures Between Lean and Obese Cardiac Visceral Adipose Tissue Underlie its Differential Myocardial Impact. Cellular Physiology and Biochemistry, 2020, 54, 384-400.	1.1	9
41	Title is missing!. , 2020, 15, e0237000.		0
42	Title is missing!. , 2020, 15, e0237000.		0
43	Title is missing!. , 2020, 15, e0237000.		0
44	Title is missing!. , 2020, 15, e0237000.		0
45	One year of exercise training promotes distinct adaptations in right and left ventricle of female Sprague-Dawley rats. Journal of Physiology and Biochemistry, 2019, 75, 561-572.	1.3	7
46	Bioinformatics to Tackle the Biological Meaning of Human Cerebrospinal Fluid Proteome. Methods in Molecular Biology, 2019, 2044, 393-553.	0.4	0
47	Pericardial fluid: an underrated molecular library of heart conditions and a potential vehicle for cardiac therapy. Basic Research in Cardiology, 2019, 114, 10.	2.5	31
48	Sample Treatment for Saliva Proteomics. Advances in Experimental Medicine and Biology, 2019, 1073, 23-56.	0.8	12
49	Sulfate-based lipids: Analysis of healthy human fluids and cell extracts. Chemistry and Physics of Lipids, 2019, 221, 53-64.	1.5	17
50	Biotechnological tools for the effective management of plastics in the environment. Critical Reviews in Environmental Science and Technology, 2019, 49, 410-441.	6.6	50
51	Exercise Training Impacts Cardiac Mitochondrial Proteome Remodeling in Murine Urothelial Carcinoma. International Journal of Molecular Sciences, 2019, 20, 127.	1.8	6
52	Early myocardial changes induced by doxorubicin in the nonfailing dilated ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H459-H475.	1.5	19
53	Chemical characterization and cytotoxic potential of an ellagitannin-enriched fraction from Fragaria vesca leaves. Arabian Journal of Chemistry, 2019, 12, 3652-3666.	2.3	20
54	EndoProteoFASP as a Tool to Unveil the Peptidome-Protease Profile: Application to Salivary Diagnostics. Methods in Molecular Biology, 2018, 1719, 293-310.	0.4	1

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55	How are the expression patterns of gut antimicrobial peptides modulated by human gastrointestinal diseases? A bridge between infectious, inflammatory, and malignant diseases. <i>Journal of Peptide Science</i> , 2018, 24, e3071.	0.8	5
56	Proteome Profiling of Sertoli Cells Using a GeLC-MS/MS Strategy. <i>Methods in Molecular Biology</i> , 2018, 1748, 173-190.	0.4	2
57	Digging Deep into Peptidomics Applied to Body Fluids. <i>Proteomics</i> , 2018, 18, 1700401.	1.3	34
58	Tetracycline and rifampicin induced a viable but nonculturable state in <i>Staphylococcus epidermidis</i> biofilms. <i>Future Microbiology</i> , 2018, 13, 27-36.	1.0	18
59	Glycan affinity magnetic nanoplatfoms for urinary glycomarkers discovery in bladder cancer. <i>Talanta</i> , 2018, 184, 347-355.	2.9	29
60	Codon misreading tRNAs promote tumor growth in mice. <i>RNA Biology</i> , 2018, 15, 1-14.	1.5	30
61	Exercise training protects against cancer-induced cardiac remodeling in an animal model of urothelial carcinoma. <i>Archives of Biochemistry and Biophysics</i> , 2018, 645, 12-18.	1.4	13
62	Human Antimicrobial Peptides in Bodily Fluids: Current Knowledge and Therapeutic Perspectives in the Postantibiotic Era. <i>Medicinal Research Reviews</i> , 2018, 38, 101-146.	5.0	42
63	Unveiling antimicrobial peptide-generating human proteases using PROTEASIX. <i>Journal of Proteomics</i> , 2018, 171, 53-62.	1.2	11
64	How to use and integrate bioinformatics tools to compare proteomic data from distinct conditions? A tutorial using the pathological similarities between Aortic Valve Stenosis and Coronary Artery Disease as a case-study. <i>Journal of Proteomics</i> , 2018, 171, 37-52.	1.2	8
65	Editorial: Tutorials in Bioinformatics for Biological Science. <i>Journal of Proteomics</i> , 2018, 171, 1.	1.2	0
66	Sugar or fat: The metabolic choice of the trained heart. <i>Metabolism: Clinical and Experimental</i> , 2018, 87, 98-104.	1.5	27
67	Reviewing Mechanistic Peptidomics in Body Fluids Focusing on Proteases. <i>Proteomics</i> , 2018, 18, e1800187.	1.3	18
68	Biological Implications of Differential Expression of Mitochondrial-Shaping Proteins in Parkinson's Disease. <i>Antioxidants</i> , 2018, 7, 1.	2.2	99
69	Negative synergistic impacts of ocean warming and acidification on the survival and proteome of the commercial sea bream, <i>Sparus aurata</i> . <i>Journal of Sea Research</i> , 2018, 139, 50-61.	0.6	42
70	Functionalized Gold Nanoparticles for the Detection of C-Reactive Protein. <i>Nanomaterials</i> , 2018, 8, 200.	1.9	35
71	Intense Pulsed Light: Friend or Foe? Molecular Evidence to Clarify Doubts. <i>Anticancer Research</i> , 2018, 38, 779-786.	0.5	2
72	Preparation of Biological Samples for MS-Based Clinical Profiling. , 2018, , .		0

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73	Gold nanoparticles and bioconjugation: a pathway for proteomic applications. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 238-250.	5.1	32
74	Long-term exercise training prevents mammary tumorigenesis-induced muscle wasting in rats through the regulation of TWEAK signalling. <i>Acta Physiologica</i> , 2017, 219, 803-813.	1.8	23
75	Contact dermatitis: in pursuit of sensitizer's molecular targets through proteomics. <i>Archives of Toxicology</i> , 2017, 91, 811-825.	1.9	11
76	A role for prolyl isomerase PIN1 in the phosphorylation-dependent modulation of PRRXL1 function. <i>Biochemical Journal</i> , 2017, 474, 683-697.	1.7	0
77	<i>Trichoderma harzianum</i> T1A constitutively secretes proteins involved in the biological control of <i>Guignardia citricarpa</i> . <i>Biological Control</i> , 2017, 106, 99-109.	1.4	30
78	The histone H2A isoform Hist2h2ac is a novel regulator of proliferation and epithelial-mesenchymal transition in mammary epithelial and in breast cancer cells. <i>Cancer Letters</i> , 2017, 396, 42-52.	3.2	29
79	Insights into the human brain proteome: Disclosing the biological meaning of protein networks in cerebrospinal fluid. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 185-204.	2.7	29
80	How low can you go? A current perspective on low-abundance proteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 93, 171-182.	5.8	12
81	The impact of exercise training on adipose tissue remodelling in cancer cachexia. <i>Porto Biomedical Journal</i> , 2017, 2, 333-339.	0.4	4
82	EDTA-functionalized magnetic nanoparticles: A suitable platform for the analysis of low abundance urinary proteins. <i>Talanta</i> , 2017, 170, 81-88.	2.9	5
83	Proteomic profile of susceptible and multidrug-resistant clinical isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> using label-free and immunoproteomic strategies. <i>Research in Microbiology</i> , 2017, 168, 222-233.	1.0	8
84	HMGB1 down-regulation mediates terameprocol vascular anti-proliferative effect in experimental pulmonary hypertension. <i>Journal of Cellular Physiology</i> , 2017, 232, 3128-3138.	2.0	5
85	A fractionation approach applying chelating magnetic nanoparticles to characterize pericardial fluid's proteome. <i>Archives of Biochemistry and Biophysics</i> , 2017, 634, 1-10.	1.4	3
86	Deciphering the disease-related molecular networks using urine proteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 94, 200-209.	5.8	2
87	Can exercise training counteract doxorubicin-induced oxidative damage of testis proteome?. <i>Toxicology Letters</i> , 2017, 280, 57-69.	0.4	11
88	Towards the standardization of stem cell therapy studies for ischemic heart diseases: Bridging the gap between animal models and the clinical setting. <i>International Journal of Cardiology</i> , 2017, 228, 465-480.	0.8	13
89	Methodological approaches and insights on protein aggregation in biological systems. <i>Expert Review of Proteomics</i> , 2017, 14, 55-68.	1.3	2
90	A glimpse into the modulation of post-translational modifications of human-colonizing bacteria. <i>Journal of Proteomics</i> , 2017, 152, 254-275.	1.2	18

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91	Molecular Plasticity under Ocean Warming: Proteomics and Fitness Data Provides Clues for a Better Understanding of the Thermal Tolerance in Fish. <i>Frontiers in Physiology</i> , 2017, 8, 825.	1.3	26
92	Cytotoxicity of portoamides in human cancer cells and analysis of the molecular mechanisms of action. <i>PLoS ONE</i> , 2017, 12, e0188817.	1.1	25
93	The Role of Urinary Proteases in Bladder Cancer. , 2017, , 89-118.		1
94	Unravelling the Power of Omics for the Infertile Aging Male. <i>Current Pharmaceutical Design</i> , 2017, 23, 4451-4469.	0.9	6
95	Hierridin B Isolated from a Marine Cyanobacterium Alters VDAC1, Mitochondrial Activity, and Cell Cycle Genes on HT-29 Colon Adenocarcinoma Cells. <i>Marine Drugs</i> , 2016, 14, 158.	2.2	41
96	Temperature Modulates the Secretome of the Phytopathogenic Fungus <i>Lasioidiplodia theobromae</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1096.	1.7	31
97	Uncovering the exercise-related proteome signature in skeletal muscle. <i>Proteomics</i> , 2016, 16, 816-830.	1.3	24
98	Ocean warming alters cellular metabolism and induces mortality in fish early life stages: A proteomic approach. <i>Environmental Research</i> , 2016, 148, 164-176.	3.7	32
99	Proteomic studies with a novel nano-magnetic chelating system to capture metalloproteins and its application in the preliminary study of monocyte and macrophage sub-secretome. <i>Talanta</i> , 2016, 158, 110-117.	2.9	3
100	Secretome analysis of <i>Trichoderma atroviride</i> T17 biocontrol of <i>Guignardia citricarpa</i> . <i>Biological Control</i> , 2016, 99, 38-46.	1.4	25
101	Impact of in Vitro Gastrointestinal Digestion and Transepithelial Transport on Antioxidant and ACE-Inhibitory Activities of Brewer's Spent Yeast Autolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7335-7341.	2.4	26
102	Blot-MS of Carbonylated Proteins: A Tool to Identify Oxidized Proteins. <i>Methods in Molecular Biology</i> , 2016, 1449, 349-367.	0.4	2
103	From proteomic to therapeutic analysis: functional profile of two lung cancer cell lines widely studied in pre-clinical research. <i>European Journal of Cancer</i> , 2016, 61, S169.	1.3	0
104	New insights on the mitochondrial proteome plasticity in Parkinson's disease. <i>Proteomics - Clinical Applications</i> , 2016, 10, 416-429.	0.8	11
105	Aerobic Interval Training Prevents Cancer-induced Diastolic Dysfunction Through The Modulation Of The Cardiac Mitochondrial Phosphoproteome. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 188.	0.2	0
106	A synopsis on aging's Theories, mechanisms and future prospects. <i>Ageing Research Reviews</i> , 2016, 29, 90-112.	5.0	277
107	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
108	From Proteomic Analysis to Potential Therapeutic Targets: Functional Profile of Two Lung Cancer Cell Lines, A549 and SW900, Widely Studied in Pre-Clinical Research. <i>PLoS ONE</i> , 2016, 11, e0165973.	1.1	33

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109	A proteomic analysis of the interactions between poly(L-lactic acid) nanofibers and SH-SY5Y neuronal-like cells. <i>AIMS Molecular Science</i> , 2016, 3, 661-682.	0.3	8
110	Use of MALDI-TOF Mass Spectrometry to Assay the Transthyretin V30M Mutation in Serum From a Liver Transplant Donor. <i>Transplantation</i> , 2015, 99, e33-e34.	0.5	0
111	Mitochondrial plasticity in cancer-related muscle wasting. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 226-233.	1.3	21
112	Salivary peptidomic as a tool to disclose new potential antimicrobial peptides. <i>Journal of Proteomics</i> , 2015, 115, 49-57.	1.2	26
113	Biofluid Proteases Profiling in Diabetes Mellitus. <i>Advances in Clinical Chemistry</i> , 2015, 69, 161-207.	1.8	7
114	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
115	Proteomic profile of dormancy within <i>Staphylococcus epidermidis</i> biofilms using iTRAQ and label-free strategies. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2751-2762.	1.7	20
116	Gla-Rich Protein Acts as a Calcification Inhibitor in the Human Cardiovascular System. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 399-408.	1.1	102
117	Antimicrobial peptides: an alternative for innovative medicines?. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2023-2040.	1.7	155
118	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
119	Cross-species comparison of mammalian saliva using an LC-MALDI based proteomic approach. <i>Proteomics</i> , 2015, 15, 1598-1607.	1.3	44
120	Comparative proteomic analyses of urine from rat urothelial carcinoma chemically induced by exposure to N-butyl-N-(4-hydroxybutyl)-nitrosamine. <i>Molecular BioSystems</i> , 2015, 11, 1594-1602.	2.9	8
121	Anti-tumoral activity of human salivary peptides. <i>Peptides</i> , 2015, 71, 170-178.	1.2	10
122	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
123	An immunoproteomic approach for characterization of dormancy within <i>Staphylococcus epidermidis</i> biofilms. <i>Molecular Immunology</i> , 2015, 65, 429-435.	1.0	19
124	Immunoreactive pattern of <i>Staphylococcus epidermidis</i> biofilm against human whole saliva. <i>Electrophoresis</i> , 2015, 36, 1228-1233.	1.3	3
125	Exploring the monocrotaline animal model for the study of pulmonary arterial hypertension: A network approach. <i>Pulmonary Pharmacology and Therapeutics</i> , 2015, 35, 8-16.	1.1	118
126	Signaling pathways underlying skeletal muscle wasting in experimental pulmonary arterial hypertension. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2722-2731.	1.8	17

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127	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
128	Improving the accuracy of recombinant protein production through integration of bioinformatics, statistical and mass spectrometry methodologies. <i>FEBS Journal</i> , 2015, 282, 769-787.	2.2	9
129	Magnetic chelating nanoprobe for enrichment and selective recovery of metalloproteases from human saliva. <i>Journal of Materials Chemistry B</i> , 2015, 3, 238-249.	2.9	42
130	endoProteoFASP: A novel FASP approach to profile salivary peptidome and disclose salivary proteases. <i>Talanta</i> , 2015, 132, 486-493.	2.9	9
131	Unraveling the exercise-related proteome signature in heart. <i>Basic Research in Cardiology</i> , 2015, 110, 454.	2.5	30
132	Comparative proteomic and transcriptomic profile of <i>Staphylococcus epidermidis</i> biofilms grown in glucose-enriched medium. <i>Talanta</i> , 2015, 132, 705-712.	2.9	14
133	Glycoprotein Enrichment Method Using a Selective Magnetic Nano-Probe Platform (MNP) Functionalized with Lectins. <i>Methods in Molecular Biology</i> , 2015, 1243, 83-100.	0.4	8
134	A meta-analysis to evaluate the cellular processes regulated by the interactome of endogenous and over-expressed estrogen receptor alpha. <i>Oncoscience</i> , 2015, 2, 487-496.	0.9	4
135	Evolution of C, D and S-Type Cystatins in Mammals: An Extensive Gene Duplication in Primates. <i>PLoS ONE</i> , 2014, 9, e109050.	1.1	18
136	Salivary Peptidomics Targeting Clinical Applications. <i>Comprehensive Analytical Chemistry</i> , 2014, 64, 223-245.	0.7	2
137	Dormancy within <i>Staphylococcus epidermidis</i> biofilms: a transcriptomic analysis by RNA-seq. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 2585-2596.	1.7	25
138	Comparative proteomics of an extended spectrum β -lactamase producing <i>Escherichia coli</i> strain from the Iberian wolf. <i>Journal of Proteomics</i> , 2014, 104, 80-93.	1.2	31
139	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
140	Uncovering the molecular networks in periodontitis. <i>Proteomics - Clinical Applications</i> , 2014, 8, 748-761.	0.8	69
141	Pursuing type 1 diabetes mellitus and related complications through urinary proteomics. <i>Translational Research</i> , 2014, 163, 188-199.	2.2	33
142	Lifelong Exercise Training Modulates Cardiac Mitochondrial Phosphoproteome in Rats. <i>Journal of Proteome Research</i> , 2014, 13, 2045-2055.	1.8	20
143	Biomarkers for cardiac cachexia: Reality or utopia. <i>Clinica Chimica Acta</i> , 2014, 436, 323-328.	0.5	15
144	The glycation site specificity of human serum transferrin is a determinant for transferrin's functional impairment under elevated glycaemic conditions. <i>Biochemical Journal</i> , 2014, 461, 33-42.	1.7	17

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145	An integrated perspective and functional impact of the mitochondrial acetylome. <i>Expert Review of Proteomics</i> , 2014, 11, 383-394.	1.3	14
146	Bionanoconjugation for Proteomics applications – An overview. <i>Biotechnology Advances</i> , 2014, 32, 952-970.	6.0	19
147	Recent insights on the molecular mechanisms and therapeutic approaches for cardiac cachexia. <i>Clinical Biochemistry</i> , 2014, 47, 8-15.	0.8	37
148	Efficiency of Trypsin Digestion for Mass-Spectrometry-Based Identification and Quantification of Oxidized Proteins: Evaluation of the Digestion of Oxidized Bovine Serum Albumin. <i>European Journal of Mass Spectrometry</i> , 2014, 20, 271-278.	0.5	2
149	Expression and functionality of histone H2A variants in cancer. <i>Oncotarget</i> , 2014, 5, 3428-3443.	0.8	66
150	iTRAQ-based proteomic analysis of ellagitannins-enriched fraction from <i>Fragaria vesca</i> leaves on HepG2 cells. <i>Planta Medica</i> , 2014, 80, .	0.7	0
151	Proteome of the head and thorax salivary glands in the stingless bee <i>Melipona quadrifasciata anthidioides</i> . <i>Apidologie</i> , 2013, 44, 684-698.	0.9	9
152	One decade of salivary proteomics: Current approaches and outstanding challenges. <i>Clinical Biochemistry</i> , 2013, 46, 506-517.	0.8	106
153	Unraveling the Phosphoproteome Dynamics in Mammal Mitochondria from a Network Perspective. <i>Journal of Proteome Research</i> , 2013, 12, 4257-4267.	1.8	16
154	Exploring the role of post-translational modifications on protein-protein interactions with survivin. <i>Archives of Biochemistry and Biophysics</i> , 2013, 538, 64-70.	1.4	25
155	Mitochondria proteome profiling: A comparative analysis between gel- and gel-free approaches. <i>Talanta</i> , 2013, 115, 277-283.	2.9	12
156	Post-translational Modifications and Mass Spectrometry Detection. <i>Free Radical Biology and Medicine</i> , 2013, 65, 925-941.	1.3	101
157	iTRAQ-based quantitative proteomic analysis of submandibular glands from rats with STZ-induced hyperglycemia. <i>Journal of Biochemistry</i> , 2013, 153, 209-220.	0.9	7
158	Salivary Proteome and Peptidome Profiling in Type 1 Diabetes Mellitus Using a Quantitative Approach. <i>Journal of Proteome Research</i> , 2013, 12, 1700-1709.	1.8	50
159	Remodeling of liver phospholipidomic profile in streptozotocin-induced diabetic rats. <i>Archives of Biochemistry and Biophysics</i> , 2013, 538, 95-102.	1.4	13
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