

# Pasquale Ferranti

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5387210/pasquale-ferranti-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237  
papers

6,502  
citations

47  
h-index

67  
g-index

244  
ext. papers

7,223  
ext. citations

4.2  
avg, IF

5.64  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 237 | Production of angiotensin-I-converting-enzyme-inhibitory peptides in fermented milks started by <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> SS1 and <i>Lactococcus lactis</i> subsp. <i>cremoris</i> FT4. <i>Applied and Environmental Microbiology</i> , <b>2000</b> , 66, 3898-904 | 4.8 | 274       |
| 236 | Mesophilic and psychrotrophic bacteria from meat and their spoilage potential in vitro and in beef. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 1990-2001  | 4.8 | 235       |
| 235 | Towards a new gliadin reference material: isolation and characterisation. <i>Journal of Cereal Science</i> , <b>2006</b> , 43, 331-341   | 3.8 | 149       |
| 234 | Characterization of the 12% trichloroacetic acid-insoluble oligopeptides of Parmigiano-Reggiano cheese. <i>Journal of Dairy Research</i> , <b>1992</b> , 59, 401-411   | 1.6 | 138       |
| 233 | Peptides surviving the simulated gastrointestinal digestion of milk proteins: biological and toxicological implications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 295-308  | 3.2 | 134       |
| 232 | Identification of N-linked glycoproteins in human milk by hydrophilic interaction liquid chromatography and mass spectrometry. <i>Proteomics</i> , <b>2008</b> , 8, 3833-47  | 4.8 | 112       |
| 231 | Metatranscriptomics reveals temperature-driven functional changes in microbiome impacting cheese maturation rate. <i>Scientific Reports</i> , <b>2016</b> , 6, 21871   | 4.9 | 111       |
| 230 | Different molecular types of <i>Pseudomonas fragi</i> have the same overall behaviour as meat spoilers. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 142, 120-31  | 5.8 | 111       |
| 229 | Changes in the proteome of <i>Salmonella enterica</i> serovar Thompson as stress adaptation to sublethal concentrations of thymol. <i>Proteomics</i> , <b>2010</b> , 10, 1040-9  | 4.8 | 105       |
| 228 | Analysis of food proteins and peptides by mass spectrometry-based techniques. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 7130-42   | 4.5 | 95        |
| 227 | Casein proteolysis in human milk: tracing the pattern of casein breakdown and the formation of potential bioactive peptides. <i>Journal of Dairy Research</i> , <b>2004</b> , 71, 74-87  | 1.6 | 89        |
| 226 | The evolution of analytical chemistry methods in foodomics. <i>Journal of Chromatography A</i> , <b>2016</b> , 1428, 3-15  | 4.5 | 80        |
| 225 | The frontiers of mass spectrometry-based techniques in food allergenomics. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7386-98  | 4.5 | 79        |
| 224 | Primary structure of ovine alpha s1-caseins: localization of phosphorylation sites and characterization of genetic variants A, C and D. <i>Journal of Dairy Research</i> , <b>1995</b> , 62, 281-96  | 1.6 | 79        |
| 223 | Transport across Caco-2 monolayers of peptides arising from in vitro digestion of bovine milk proteins. <i>Food Chemistry</i> , <b>2013</b> , 139, 203-12  | 8.5 | 74        |
| 222 | Mass spectrometry analysis of gliadins in celiac disease. <i>Journal of Mass Spectrometry</i> , <b>2007</b> , 42, 1531-48  | 2.2 | 73        |
| 221 | Characterization of the oligopeptides of Parmigiano-Reggiano cheese soluble in 120 g trichloroacetic acid/l. <i>Journal of Dairy Research</i> , <b>1994</b> , 61, 365-74   | 1.6 | 73        |

|     |   |      |    |
|-----|---|------|----|
| 220 | Characterization of the pattern of alphas1- and beta-casein breakdown and release of a bioactive peptide by a cell envelope proteinase from <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> CRL 581. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 3682-9             | 4.8  | 70 |
| 219 | Grape skin phenolics as inhibitors of mammalian $\alpha$ -glucosidase and $\alpha$ -amylase--effect of food matrix and processing on efficacy. <i>Food and Function</i> , <b>2016</b> , 7, 1655-63  | 6.1  | 69 |
| 218 | Novel bioactive lipodepsipeptides from <i>Pseudomonas syringae</i> : the pseudomycins. <i>FEBS Letters</i> , <b>1994</b> , 355, 96-100  | 3.8  | 68 |
| 217 | Characterisation of S-nitrosohaemoglobin by mass spectrometry. <i>FEBS Letters</i> , <b>1997</b> , 400, 19-24   | 3.8  | 64 |
| 216 | Role of intestinal brush border peptidases in the simulated digestion of milk proteins. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 948-56   | 5.9  | 63 |
| 215 | Mass spectrometry in the study of anthocyanins and their derivatives: differentiation of <i>Vitis vinifera</i> and hybrid grapes by liquid chromatography/electrospray ionization mass spectrometry and tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2005</b> , 40, 83-90 | 2.2  | 62 |
| 214 | Production, digestibility and allergenicity of hemp ( <i>Cannabis sativa</i> L.) protein isolates. <i>Food Research International</i> , <b>2019</b> , 115, 562-571  | 7    | 62 |
| 213 | Proteomic analysis in allergy and intolerance to wheat products. <i>Expert Review of Proteomics</i> , <b>2011</b> , 8, 95-115   | 4.2  | 61 |
| 212 | Proteomic approaches to study structure, functions and toxicity of legume seeds lectins. Perspectives for the assessment of food quality and safety. <i>Journal of Proteomics</i> , <b>2009</b> , 72, 527-38  | 3.9  | 59 |
| 211 | Phosphopeptides from Grana Padano cheese: nature, origin and changes during ripening. <i>Journal of Dairy Research</i> , <b>1997</b> , 64, 601-15   | 1.6  | 59 |
| 210 | Identification of a peptide from alpha-gliadin resistant to digestive enzymes: implications for celiac disease. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 855, 236-41   | 3.2  | 59 |
| 209 | Protein digestomics: Integrated platforms to study food-protein digestion and derived functional and active peptides. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2013</b> , 52, 120-134  | 14.6 | 58 |
| 208 | Characterisation and cytomodulatory properties of peptides from Mozzarella di Bufala Campana cheese whey. <i>Journal of Peptide Science</i> , <b>2009</b> , 15, 251-8   | 2.1  | 58 |
| 207 | Technological properties and bacteriocins production by <i>Lactobacillus curvatus</i> 54M16 and its use as starter culture for fermented sausage manufacture. <i>Food Control</i> , <b>2016</b> , 59, 31-45   | 6.2  | 57 |
| 206 | The interaction of cocoa polyphenols with milk proteins studied by proteomic techniques. <i>Food Research International</i> , <b>2013</b> , 54, 406-415   | 7    | 57 |
| 205 | Occurrence of five alpha s1-casein variants in ovine milk. <i>Journal of Dairy Research</i> , <b>1996</b> , 63, 49-59   | 1.6  | 56 |
| 204 | Serum oxidative stress markers and lipidomic profile to detect NASH patients responsive to an antioxidant treatment: a pilot study. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2014</b> , 2014, 169216   | 6.7  | 55 |
| 203 | Isolation and characterization of four type-1 ribosome-inactivating proteins, with polynucleotide:adenosine glycosidase activity, from leaves of <i>Phytolacca dioica</i> L. <i>Planta</i> , <b>1999</b> , 208, 125-31  | 4.7  | 55 |

|     |  |     |    |
|-----|--|-----|----|
| 202 | An overview of omics analytical methods applied in bioactive peptide studies. <i>Food Research International</i> , <b>2013</b> , 54, 925-934   | 7   | 54 |
| 201 | Casein phosphoproteome: identification of phosphoproteins by combined mass spectrometry and two-dimensional gel electrophoresis. <i>Electrophoresis</i> , <b>2003</b> , 24, 2824-37  | 3.6 | 53 |
| 200 | Capillary zone electrophoresis and mass spectrometry for the characterization of genetic variants of human hemoglobin. <i>Analytical Biochemistry</i> , <b>1991</b> , 194, 1-8   | 3.1 | 53 |
| 199 | Identification of free and bound volatile compounds as typicalness and authenticity markers of non-aromatic grapes and wines through a combined use of mass spectrometric techniques. <i>Food Chemistry</i> , <b>2008</b> , 110, 762-768                               | 8.5 | 51 |
| 198 | Proteomic and peptidomic characterisation of beer: Immunological and technological implications. <i>Food Chemistry</i> , <b>2011</b> , 124, 1718-1726  | 8.5 | 50 |
| 197 | Proteomic characterization of donkey milk "caseome". <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 4834-4845  | 4.5 | 50 |
| 196 | Interallelic recombination is probably responsible for the occurrence of a new alpha(s1)-casein variant found in the goat species. <i>FEBS Journal</i> , <b>2002</b> , 269, 1293-303   |     | 50 |
| 195 | Hydroxyapatite affinity chromatography for the highly selective enrichment of mono- and multi-phosphorylated peptides in phosphoproteome analysis. <i>Proteomics</i> , <b>2010</b> , 10, 380-93  | 4.8 | 49 |
| 194 | Characterization of wheat gliadin proteins by combined two-dimensional gel electrophoresis and tandem mass spectrometry. <i>Proteomics</i> , <b>2005</b> , 5, 2859-65  | 4.8 | 49 |
| 193 | Proteomics, peptidomics, and immunogenic potential of wheat beer (Weissbier). <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 3579-86  | 5.7 | 48 |
| 192 | Qualitative and quantitative analysis of wheat gluten proteins by liquid chromatography and electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 897-904   | 2.2 | 47 |
| 191 | Effects of sheep alpha s1-casein CC, CD and DD genotypes on milk composition and cheesemaking properties. <i>Journal of Dairy Research</i> , <b>1999</b> , 66, 409-19  | 1.6 | 47 |
| 190 | Extensive in vitro gastrointestinal digestion markedly reduces the immune-toxicity of Triticum monococcum wheat: implication for celiac disease. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1844-54  | 5.9 | 45 |
| 189 | Proteomic study of muscle sarcoplasmic proteins using AUT-PAGE/SDS-PAGE as two-dimensional gel electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 833, 101-8                             | 3.2 | 45 |
| 188 | Combined high resolution chromatographic techniques (FPLC and HPLC) and mass spectrometry-based identification of peptides and proteins in Grana Padano cheese. <i>Dairy Science and Technology</i> , <b>1997</b> , 77, 683-697  |     | 44 |
| 187 | Proteomic-based analytical approach for the characterization of glutenin subunits in durum wheat. <i>Journal of Mass Spectrometry</i> , <b>2009</b> , 44, 1709-23  | 2.2 | 41 |
| 186 | Proteolysis of bovine beta-lactoglobulin during thermal treatment in subdenaturing conditions highlights some structural features of the temperature-modified protein and yields fragments with low immunoreactivity. <i>FEBS Journal</i> , <b>2002</b> , 269, 1362-72 |     | 41 |
| 185 | Identification of plant proteins in adulterated skimmed milk powder by high-performance liquid chromatography -- mass spectrometry. <i>Journal of Chromatography A</i> , <b>2007</b> , 1164, 189-97  | 4.5 | 40 |

|     |   |     |    |
|-----|---|-----|----|
| 184 | Relationship between the enzymatic composition of lamb rennet paste and proteolytic, lipolytic pattern and texture of PDO Fiore Sardo ovine cheese. <i>International Dairy Journal</i> , <b>2007</b> , 17, 143-156  | 3.5 | 39 |
| 183 | Species- and cultivar-dependent traits of <i>Prunus avium</i> and <i>Prunus cerasus</i> polyphenols. <i>Journal of Food Composition and Analysis</i> , <b>2016</b> , 45, 50-57  | 4.1 | 37 |
| 182 | Use of phytochemomics to evaluate the bioavailability and bioactivity of antioxidant peptides of soybean $\beta$ -conglycinin. <i>Electrophoresis</i> , <b>2014</b> , 35, 1582-9  | 3.6 | 37 |
| 181 | Tracking the fate of pasta (T. Durum semolina) immunogenic proteins by in vitro simulated digestion. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 2660-7   | 5.7 | 37 |
| 180 | The primary structure of water buffalo alpha(s1)- and beta-casein identification of phosphorylation sites and characterization of a novel beta-casein variant. <i>The Protein Journal</i> , <b>1998</b> , 17, 835-44  |     | 36 |
| 179 | Reliable sequence determination of ribosome- inactivating proteins by combining electrospray mass spectrometry and Edman degradation. <i>Journal of Mass Spectrometry</i> , <b>2001</b> , 36, 38-46   | 2.2 | 36 |
| 178 | Determination of cylindrospermopsin in freshwaters and fish tissue by liquid chromatography coupled to electrospray ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 3279-84  | 2.2 | 35 |
| 177 | Differential splicing of pre-messenger RNA produces multiple forms of mature caprine alpha(s1)-casein. <i>FEBS Journal</i> , <b>1997</b> , 249, 1-7   |     | 35 |
| 176 | Peanut digestome: Identification of digestion resistant IgE binding peptides. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 88-98  | 4.7 | 34 |
| 175 | Liquid chromatography coupled to quadruple time-of-flight tandem mass spectrometry for microcystin analysis in freshwaters: method performances and characterisation of a novel variant of microcystin-RR. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 1328-36 | 2.2 | 34 |
| 174 | Identification of casein peptides in plasma of subjects after a cheese-enriched diet. <i>Food Research International</i> , <b>2016</b> , 84, 108-112  | 7   | 33 |
| 173 | Formation of structured polymers upon controlled denaturation of beta-lactoglobulin with different chaotropes. <i>Biopolymers</i> , <b>2007</b> , 86, 57-72   | 2.2 | 33 |
| 172 | Over-expression in <i>Escherichia coli</i> , purification and characterization of isoform 2 of human FAD synthetase. <i>Protein Expression and Purification</i> , <b>2007</b> , 52, 175-81  | 2   | 33 |
| 171 | In vitro digestion of Bresaola proteins and release of potential bioactive peptides. <i>Food Research International</i> , <b>2014</b> , 63, 157-169   | 7   | 32 |
| 170 | Peptides from water buffalo cheese whey induced senescence cell death via ceramide secretion in human colon adenocarcinoma cell line. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 229-38   | 5.9 | 32 |
| 169 | Digestibility and immunoreactivity of soybean $\beta$ -conglycinin and its deglycosylated form. <i>Food Chemistry</i> , <b>2011</b> , 129, 1598-1605  | 8.5 | 32 |
| 168 | Bound fatty acids modulate the sensitivity of bovine $\beta$ -lactoglobulin to chemical and physical denaturation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 5729-37  | 5.7 | 31 |
| 167 | Quantitation of lysinoalanine in dairy products by liquid chromatography-mass spectrometry with selective ion monitoring. <i>Food Chemistry</i> , <b>2009</b> , 116, 799-805  | 8.5 | 31 |

|     |   |     |    |
|-----|---|-----|----|
| 166 | Gel-free shotgun proteomic analysis of human milk. <i>Journal of Chromatography A</i> , <b>2012</b> , 1227, 219-33  | 4.5 | 30 |
| 165 | Primary structure and reactive site of a novel wheat proteinase inhibitor of subtilisin and chymotrypsin. <i>Biological Chemistry</i> , <b>2003</b> , 384, 295-304  | 4.5 | 30 |
| 164 | Mass spectrometry-based procedure for the identification of ovine casein heterogeneity. <i>Journal of Dairy Research</i> , <b>2001</b> , 68, 35-51  | 1.6 | 30 |
| 163 | Alternative nonallelic deletion is constitutive of ruminant alpha(s1)-casein. <i>The Protein Journal</i> , <b>1999</b> , 18, 595-602  |     | 30 |
| 162 | Peptidomic approach based on combined capillary isoelectric focusing and mass spectrometry for the characterization of the plasmin primary products from bovine and water buffalo beta-casein. <i>Journal of Chromatography A</i> , <b>2008</b> , 1192, 294-300   | 4.5 | 29 |
| 161 | The nature of Ecase in heterogeneity in caprine milk. <i>Dairy Science and Technology</i> , <b>1993</b> , 73, 533-547   |     | 29 |
| 160 | Use of brush border membrane vesicles to simulate the human intestinal digestion. <i>Food Research International</i> , <b>2016</b> , 88, 327-335  | 7   | 28 |
| 159 | Structural analysis and Caco-2 cell permeability of the celiac-toxic A-gliadin peptide 31-55. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 1088-96   | 5.7 | 28 |
| 158 | The Performing Protein: Beyond Wheat Proteomics?. <i>Cereal Chemistry</i> , <b>2013</b> , 90, 358-366   | 2.4 | 28 |
| 157 | Observation of non-covalent interactions between beauvericin and oligonucleotides using electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1997</b> , 11, 265-72  | 2.2 | 28 |
| 156 | Identification by fast atom bombardment mass spectrometry of Hb Indianapolis [beta 112(G14)Cys----Arg] in a family from Naples, Italy. <i>Hemoglobin</i> , <b>1988</b> , 12, 323-36   | 0.6 | 28 |
| 155 | Shotgun proteome analysis of beer and the immunogenic potential of beer polypeptides. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 5872-82  | 3.9 | 27 |
| 154 | Bovine beta-lactoglobulin acts as an acid-resistant drug carrier by exploiting its diverse binding regions. <i>Biological Chemistry</i> , <b>2010</b> , 391, 21-32  | 4.5 | 27 |
| 153 | Structural characterization by mass spectrometry of hemoglobin adducts formed after in vivo exposure to methyl bromide. <i>Carcinogenesis</i> , <b>1996</b> , 17, 2661-71   | 4.6 | 27 |
| 152 | NMR-based modeling and binding studies of a ternary complex between chicken liver bile acid binding protein and bile acids. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2007</b> , 69, 177-91  | 4.2 | 25 |
| 151 | Caseinomacropeptide self-association is dependent on whether the peptide is free or restricted in kappa-casein. <i>Journal of Dairy Science</i> , <b>2005</b> , 88, 4228-38   | 4   | 25 |
| 150 | Susceptibility to transglutaminase of gliadin peptides predicted by a mass spectrometry-based assay. <i>FEBS Letters</i> , <b>2004</b> , 562, 177-82  | 3.8 | 25 |
| 149 | A novel approach for identification and measurement of hemoglobin adducts with 1,2,3,4-diepoxybutane by liquid chromatography/electrospray ionisation mass spectrometry and matrix-assisted laser desorption/ionisation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 587-90 | 2.2 | 25 |



|     |  |     |    |
|-----|--|-----|----|
| 148 | Coordinate transcription and physical linkage of domains in surfactin synthetase are not essential for proper assembly and activity of the multienzyme complex. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 14403-10     | 5.4 | 25 |
| 147 | Compared digestibility of plant protein isolates by using the INFOGEST digestion protocol. <i>Food Research International</i> , <b>2020</b> , 137, 109708  | 7   | 25 |
| 146 | New knowledge on the antiglycoxidative mechanism of chlorogenic acid. <i>Food and Function</i> , <b>2015</b> , 6, 2081-90  | 6.1 | 24 |
| 145 | New insights on the features of the vinyl phenol reductase from the wine-spoilage yeast Dekkera/Brettanomyces bruxellensis. <i>Annals of Microbiology</i> , <b>2015</b> , 65, 321-329  | 3.2 | 24 |
| 144 | Unfolding intermediate in the peroxisomal flavoprotein D-amino acid oxidase. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 28426-34  | 5.4 | 24 |
| 143 | Discrete phosphorylation generates the electrophoretic heterogeneity of ovine $\beta$ -casein. <i>Journal of Dairy Research</i> , <b>1995</b> , 62, 89-100   | 1.6 | 23 |
| 142 | Characterization of abnormal human haemoglobins by fast atom bombardment mass spectrometry. <i>Biomedical &amp; Environmental Mass Spectrometry</i> , <b>1989</b> , 18, 20-6   |     | 23 |
| 141 | Carbohydrate moieties on the in vitro immunoreactivity of soy $\beta$ -conglycinin. <i>Food Research International</i> , <b>2009</b> , 42, 819-825   | 7   | 21 |
| 140 | Exposure of HL-60 human leukaemic cells to 4-hydroxynonenal promotes the formation of adduct(s) with alpha-enolase devoid of plasminogen binding activity. <i>Biochemical Journal</i> , <b>2009</b> , 422, 285-94                        | 3.8 | 21 |
| 139 | Primary structure of water buffalo alpha-lactalbumin variants A and B. <i>Journal of Dairy Research</i> , <b>2004</b> , 71, 14-9   | 1.6 | 21 |
| 138 | Fining white wine with plant proteins: effects of fining on proanthocyanidins and aroma components. <i>European Food Research and Technology</i> , <b>2014</b> , 238, 265-274  | 3.4 | 20 |
| 137 | Identification of hormonogenic tyrosines in fragment 1218-1591 of bovine thyroglobulin by mass spectrometry. Hormonogenic acceptor TYR-12/donor TYR-1375. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 639-46             | 5.4 | 20 |
| 136 | Immunochemical evaluation of bovine beta-casein and its 1-28 phosphopeptide in cheese during ripening. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 4555-60   | 5.7 | 20 |
| 135 | Biomonitoring of human exposure to methyl bromide by isotope dilution mass spectrometry of peptide adducts. <i>Journal of Mass Spectrometry</i> , <b>1999</b> , 34, 1028-32  | 2.2 | 20 |
| 134 | In vitro formation of S-nitrosohemoglobin in red cells by inducible nitric oxide synthase. <i>FEBS Letters</i> , <b>1999</b> , 462, 241-5  | 3.8 | 20 |
| 133 | Characterization of Hemoglobin Lepore Variants by Advanced Mass-Spectrometric Procedures. <i>Clinical Chemistry</i> , <b>1992</b> , 38, 1444-1448  | 5.5 | 20 |
| 132 | Mass spectrometric analysis of rat hemoglobin by FAB-overlapping. Primary structure of the alpha-major and of four beta constitutive chains. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1993</b> , 25, 1943-50 |     | 20 |
| 131 | Profiling of anthocyanins for the taxonomic assessment of ancient purebred V. vinifera red grape varieties. <i>Food Chemistry</i> , <b>2014</b> , 146, 15-22   | 8.5 | 19 |

|     |  |     |    |
|-----|--|-----|----|
| 130 | Proteomic and immunological characterization of a new food allergen from hazelnut ( <i>Corylus avellana</i> ). <i>Journal of Proteomics</i> , <b>2013</b> , 86, 16-26  | 3.9 | 19 |
| 129 | A third instance of the high oxygen affinity variant, Hb Heathrow [beta 103(G5)Phe- greater than Leu]: identification of the mutation by mass spectrometry and by DNA analysis. <i>Hemoglobin</i> , <b>1991</b> , 15, 43-51  | 0.6 | 19 |
| 128 | A peptidomic approach for monitoring and characterising peptide cyanotoxins produced in Italian lakes by matrix-assisted laser desorption/ionisation and quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 1173-83 | 2.2 | 18 |
| 127 | Copresence of Deleted Protein Species Generates Structural Heterogeneity of Ovine alpha(s1)-Casein. <i>Journal of Agricultural and Food Chemistry</i> , <b>1998</b> , 46, 411-416  | 5.7 | 18 |
| 126 | The oligopeptides of sweet and acid cheese whey. <i>Dairy Science and Technology</i> , <b>1997</b> , 77, 699-715   |     | 18 |
| 125 | The future of analytical chemistry in foodomics. <i>Current Opinion in Food Science</i> , <b>2018</b> , 22, 102-108  | 9.8 | 17 |
| 124 | Profiling microcystin contamination in a water reservoir by MALDI-TOF and liquid chromatography coupled to Q/TOF tandem mass spectrometry. <i>Food Research International</i> , <b>2013</b> , 54, 1321-1330  | 7   | 17 |
| 123 | Evolution of S-cysteinylated and S-glutathionylated thiol precursors during grape ripening of <i>Vitis vinifera</i> L. cvs Grechetto, Malvasia del Lazio and Sauvignon Blanc. <i>Australian Journal of Grape and Wine Research</i> , <b>2015</b> , 21, 411-416                     | 2.4 | 17 |
| 122 | Purified sakacin A shows a dual mechanism of action against <i>Listeria</i> spp: proton motive force dissipation and cell wall breakdown. <i>FEMS Microbiology Letters</i> , <b>2012</b> , 334, 143-9  | 2.9 | 17 |
| 121 | Genomics and proteomics of deleted ovine CSN1S1*. <i>International Dairy Journal</i> , <b>2010</b> , 20, 195-202   | 3.5 | 17 |
| 120 | Towards the elucidation of molecular determinants of cooperativity in the liver bile acid binding protein. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2009</b> , 77, 718-31  | 4.2 | 17 |
| 119 | Structural characterization of the N-glycosylation of individual soybean $\beta$ -conglycinin subunits. <i>Journal of Chromatography A</i> , <b>2013</b> , 1313, 96-102  | 4.5 | 16 |
| 118 | Molecular basis of the interaction between proteins of plant origin and proanthocyanidins in a model wine system. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 11969-76   | 5.7 | 16 |
| 117 | Bacterial proteolysis of casein leading to UHT milk gelation: An applicative study. <i>Food Chemistry</i> , <b>2019</b> , 292, 217-226   | 8.5 | 15 |
| 116 | Myrtucommulone production by a strain of <i>Neofusicoccum australe</i> endophytic in myrtle ( <i>Myrtus communis</i> ). <i>World Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 30, 1047-52   | 4.4 | 15 |
| 115 | Significance of redox-active cysteines in human FAD synthase isoform 2. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2014</b> , 1844, 2086-95   | 4   | 15 |
| 114 | Structural determinants of the immunomodulatory properties of the C-terminal region of bovine $\beta$ -casein. <i>International Dairy Journal</i> , <b>2011</b> , 21, 770-776  | 3.5 | 15 |
| 113 | Microheterogeneity characterization of a paracelsin mixture from <i>Trichoderma reesei</i> using high-energy collision-induced dissociation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1997</b> , 11, 922-30                                  | 2.2 | 15 |



|     |  |     |    |
|-----|--|-----|----|
| 112 | Structural analysis of styrene oxide/haemoglobin adducts by mass spectrometry: identification of suitable biomarkers for human exposure evaluation. <i>Rapid Communications in Mass Spectrometry</i> , <b>2002</b> , 16, 871-8                         | 2.2 | 15 |
| 111 | Hemoglobin Ozieri: a new alpha-chain variant (alpha 71(E20)Ala-->Val). Characterization using FAB- and electrospray-mass spectrometric techniques. <i>BBA - Proteins and Proteomics</i> , <b>1993</b> , 1162, 203-8                                    |     | 15 |
| 110 | Hidden "Digestome": Current Analytical Approaches Provide Incomplete Peptide Inventories of Food Digests. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 7775-7782  | 5.7 | 14 |
| 109 | Affinity and selectivity of plant proteins for red wine components relevant to color and aroma traits. <i>Food Chemistry</i> , <b>2018</b> , 256, 235-243  | 8.5 | 14 |
| 108 | Fractionation of complex lipid mixtures by hydroxyapatite chromatography for lipidomic purposes. <i>Journal of Chromatography A</i> , <b>2014</b> , 1360, 82-92  | 4.5 | 14 |
| 107 | Short communication: molecular genetic characterization of ovine alpha(S1)-casein allele H caused by alternative splicing. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 792-5   | 4   | 14 |
| 106 | Disulfide bridge regulates ligand-binding site selectivity in liver bile acid-binding proteins. <i>FEBS Journal</i> , <b>2009</b> , 276, 6011-23   | 5.7 | 14 |
| 105 | Isolation and characterization of Avenin-like protein type-B from durum wheat. <i>Journal of Cereal Science</i> , <b>2010</b> , 52, 426-431  | 3.8 | 14 |
| 104 | Effects of the deficiency of the rhodanese-like protein RhdA in <i>Azotobacter vinelandii</i> . <i>FEBS Letters</i> , <b>2007</b> , 581, 1625-30   | 3.8 | 14 |
| 103 | Microheterogeneity characterization of a trichorzianine-A mixture from <i>Trichoderma harzianum</i> <b>1998</b> , 33, 154-163  |     | 13 |
| 102 | Mass spectrometric approach for the analysis of food proteins. <i>European Journal of Mass Spectrometry</i> , <b>2004</b> , 10, 349-58   | 1.1 | 13 |
| 101 | Electrophoretic and chromatographic evidence for allelic polymorphisms in the river buffalo $\beta$ globin gene complex. <i>Biochemical Genetics</i> , <b>1991</b> , 29, 421-430   | 2.4 | 13 |
| 100 | Silybin-Induced Apoptosis Occurs in Parallel to the Increase of Ceramides Synthesis and miRNAs Secretion in Human Hepatocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,  | 6.3 | 12 |
| 99  | Protective effects of ID331 Triticum monococcum gliadin on in vitro models of the intestinal epithelium. <i>Food Chemistry</i> , <b>2016</b> , 212, 537-42   | 8.5 | 12 |
| 98  | Unfolding of beta-lactoglobulin on the surface of polystyrene nanoparticles: experimental and computational approaches. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2014</b> , 82, 1272-82  | 4.2 | 12 |
| 97  | Structural analysis and quantitative evaluation of the modifications produced in human hemoglobin by methyl bromide using mass spectrometry and Edman degradation. <i>Rapid Communications in Mass Spectrometry</i> , <b>1998</b> , 12, 1783-92        | 2.2 | 12 |
| 96  | Characterisation of biotoxins produced by a cyanobacteria bloom in Lake Averno using two LC-MS-based techniques. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2008</b> , 25, 1530-7 | 3.2 | 12 |
| 95  | Probing the reactivity of nucleophile residues in human 2,3-diphosphoglycerate/deoxy-hemoglobin complex by aspecific chemical modifications. <i>FEBS Letters</i> , <b>1999</b> , 452, 190-4  | 3.8 | 12 |

|    |   |     |    |
|----|---|-----|----|
| 94 | Differentiation of <i>Vitis vinifera</i> L. and hybrid red grapes by matrix-assisted laser desorption/ionization mass spectrometry analysis of berry skin anthocyanins. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 4559-66 | 5.7 | 11 |
| 93 | The "dark side" of Lactoglobulin: unedited structural features suggest unexpected functions. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 3423-31   | 4.5 | 11 |
| 92 | Bioactive Peptides Derived from Casein and Whey Proteins 233-249  |     | 11 |
| 91 | Syringicin, a new alpha-elicin from an isolate of <i>Phytophthora syringae</i> , pathogenic to citrus fruit. <i>Phytochemistry</i> , <b>2001</b> , 58, 257-62   | 4   | 11 |
| 90 | Mass spectrometric identification of a candidate biomarker peptide from the in vitro interaction of epichlorohydrin with red blood cells. <i>Journal of Mass Spectrometry</i> , <b>2001</b> , 36, 47-57   | 2.2 | 11 |
| 89 | Fast atom bombardment mass spectrometric analysis of haemoglobin variants: use of V-8 protease in the identification of Hb M Hyde Park and Hb San Jose. <i>Biological Mass Spectrometry</i> , <b>1990</b> , 19, 568-72                                |     | 11 |
| 88 | Degradation of Escamorphin-7 through in vitro gastrointestinal and jejunal brush border membrane digestion. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 8622-8629  | 4   | 11 |
| 87 | Comprehensive analysis of the peanut allergome combining 2-DE gel-based and gel-free proteomics. <i>Food Research International</i> , <b>2019</b> , 116, 1059-1065  | 7   | 10 |
| 86 | The protein and peptide fractions of kashk, a traditional Middle East fermented dairy product. <i>Food Research International</i> , <b>2020</b> , 132, 109107   | 7   | 10 |
| 85 | WCI, a novel wheat chymotrypsin inhibitor: purification, primary structure, inhibitory properties and heterologous expression. <i>Planta</i> , <b>2011</b> , 234, 723-35  | 4.7 | 10 |
| 84 | "Iron priming" guides folding of denatured aporubredoxins. <i>Journal of Biological Inorganic Chemistry</i> , <b>2008</b> , 13, 981-91  | 3.7 | 10 |
| 83 | Is the V3 loop involved in HIV binding to CD4?. <i>Biochemistry</i> , <b>2003</b> , 42, 9007-12   | 3.2 | 10 |
| 82 | Mass spectrometric characterisation of proteins in rennet and in chymosin-based milk-clotting preparations. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 1101-12  | 2.2 | 10 |
| 81 | Elicin 172 from an isolate of <i>Phytophthora nicotianae</i> pathogenic to tomato. <i>Phytochemistry</i> , <b>1999</b> , 50, 703-9  | 4   | 10 |
| 80 | Hb F-Sassari: a novel G gamma variant with a threonine residue at position gamma 75, characterized by mass spectrometric techniques. <i>Hemoglobin</i> , <b>1994</b> , 18, 307-15   | 0.6 | 10 |
| 79 | Study of interaction of styrene oxide with angiotensin by mass spectrometry. <i>Carcinogenesis</i> , <b>1992</b> , 13, 1397-401   | 4.6 | 10 |
| 78 | Antibody-independent identification of bovine milk-derived peptides in breast-milk. <i>Food and Function</i> , <b>2016</b> , 7, 3402-9  | 6.1 | 10 |
| 77 | Inhibitors of advanced glycation end products from coffee bean roasting by-product. <i>European Food Research and Technology</i> , <b>2018</b> , 244, 1101-1110   | 3.4 | 9  |

|    |  |     |   |
|----|--|-----|---|
| 76 | Fast screening and quantitative evaluation of internally deleted goat alphas1-casein variants by mass spectrometric detection of the signature peptides. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 775-87   | 2.2 | 9 |
| 75 | Synthetic peptides as substrate for assaying the proteolytic activity of <i>Lactobacillus helveticus</i> . <i>Journal of Dairy Research</i> , <b>2003</b> , 70, 315-25   | 1.6 | 9 |
| 74 | Human $\alpha$ -Fetoprotein produced from hep G2 cell line: Structure and heterogeneity of the oligosaccharide moiety. <i>Journal of Mass Spectrometry</i> , <b>1995</b> , 30, 632-638   | 2.2 | 9 |
| 73 | Antibacterial potential of donkey's milk disclosed by untargeted proteomics. <i>Journal of Proteomics</i> , <b>2021</b> , 231, 104007  | 3.9 | 9 |
| 72 | Dioxin-like PCB levels in maternal and umbilical cord sera of people living near dump sites in southern Italy: a pilot study of biomonitoring. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 88  | 3.1 | 8 |
| 71 | Occurrence of qualitative and quantitative polymorphism at donkey beta-Lactoglobulin II locus. <i>Food Research International</i> , <b>2013</b> , 54, 1273-1279  | 7   | 8 |
| 70 | Generation of Adducts of 4-Hydroxy-2-nonenal with Heat Shock 60 kDa Protein 1 in Human Promyelocytic HL-60 and Monocytic THP-1 Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 296146   | 6.7 | 8 |
| 69 | Structural heterogeneity, post-translational modifications, and biological activities of SV-IV, a major protein secreted from the rat seminal vesicle epithelium. <i>Rapid Communications in Mass Spectrometry</i> , <b>1997</b> , 11, 1007-14   | 2.2 | 8 |
| 68 | Purification and characterization of Alpha-Fetoprotein from the human hepatoblastoma HepG2 cell line in serum-free medium. <i>BioMetals</i> , <b>2007</b> , 20, 869-78   | 3.4 | 8 |
| 67 | Proteomic approach for the analysis of acrylamide-hemoglobin adducts. Perspectives for biological monitoring. <i>Journal of Chromatography A</i> , <b>2008</b> , 1215, 74-81   | 4.5 | 8 |
| 66 | Molecular recognition between <i>Azotobacter vinelandii</i> rhodanese and a sulfur acceptor protein. <i>Biological Chemistry</i> , <b>2003</b> , 384, 1473-81  | 4.5 | 8 |
| 65 | Structures and Bioactive Properties of Myrtucommulones and Related Acylphloroglucinols from Myrtaceae. <i>Molecules</i> , <b>2018</b> , 23,  | 4.8 | 8 |
| 64 | Peptidomic study on in vitro and in vivo phosphopeptide release during the chewing of gum fortified with a commercial casein hydrolysate. <i>International Dairy Journal</i> , <b>2018</b> , 79, 78-84   | 3.5 | 7 |
| 63 | Homonogenic donor Tyr2522 of bovine thyroglobulin. Insight into preferential T3 formation at thyroglobulin carboxyl terminus at low iodination level. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 488-93   | 3.4 | 7 |
| 62 | Stability and bioactivity of a Bowman-Birk inhibitor in orange juice during processing and storage. <i>Food and Function</i> , <b>2013</b> , 4, 1051-60  | 6.1 | 7 |
| 61 | Assessment of the conformational features of vasoactive intestinal peptide in solution by limited proteolysis experiments. <i>Biopolymers</i> , <b>2006</b> , 81, 110-9  | 2.2 | 7 |
| 60 | A single chondroitin 6-sulfate oligosaccharide unit at Ser-2730 of human thyroglobulin enhances hormone formation and limits proteolytic accessibility at the carboxyl terminus. Potential insights into thyroid homeostasis and autoimmunity. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 22200-22211 | 5.4 | 7 |
| 59 | Mass spectrometric analysis of haemoglobin adducts formed by methyl bromide in vitro. <i>Biomedical Applications</i> , <b>1995</b> , 670, 349-53   |     | 7 |

|    |  |     |   |
|----|--|-----|---|
| 58 | Polyphenol patterns to trace sweet () and tart () varieties in cherry jam. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 2316-2323   | 3.3 | 7 |
| 57 | Comparative analysis of eliciting capacity of raw and roasted peanuts: the role of gastrointestinal digestion. <i>Food Research International</i> , <b>2020</b> , 127, 108758  | 7   | 7 |
| 56 | In vitro gastroduodenal and jejunal brush border membrane digestion of raw and roasted tree nuts. <i>Food Research International</i> , <b>2020</b> , 136, 109597   | 7   | 7 |
| 55 | Challenging the heterogeneity of casein by an IEF/MALDI-TOF virtual 2D-like approach. <i>Food Research International</i> , <b>2013</b> , 54, 1263-1272   | 7   | 6 |
| 54 | Characterization of heat-labile toxin-subunit B from Escherichia coli by liquid chromatography-electrospray ionization-mass spectrometry and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 3886-91 | 4.7 | 6 |
| 53 | About presence of free phosphoserine in ripened cheese and in enzymatic hydrolysate of casein. <i>Molecular Nutrition and Food Research</i> , <b>1997</b> , 41, 268-273  |     | 6 |
| 52 | Seminal vesicle protein IV and its derived active peptides: a possible physiological role in seminal clotting. <i>Seminars in Thrombosis and Hemostasis</i> , <b>2007</b> , 33, 53-9   | 5.3 | 6 |
| 51 | Alteration in the ubiquitin structure and function in the human lens: a possible mechanism of senile cataractogenesis. <i>FEBS Letters</i> , <b>2002</b> , 531, 162-7  | 3.8 | 6 |
| 50 | Enzymatic synthesis of vasoactive intestinal peptide analogs by transglutaminase. <i>Chemical Biology and Drug Design</i> , <b>1999</b> , 53, 626-32   |     | 6 |
| 49 | Non-Bovine Caseins: Quantitative Variability and Molecular Diversity <b>2003</b> , 277-317   |     | 5 |
| 48 | Hb G-Waimanalo [alpha 64(E13)Asp-->Asn] observed in a Caucasian family. <i>Hemoglobin</i> , <b>1994</b> , 18, 53-6   | 0.6 | 5 |
| 47 | Structural characterization of hemoglobin variants using capillary electrophoresis and fast atom bombardment mass spectrometry. <i>Methods in Enzymology</i> , <b>1994</b> , 231, 45-65  | 1.7 | 5 |
| 46 | Structural changes in emulsion-bound bovine beta-lactoglobulin affect its proteolysis and immunoreactivity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2016</b> , 1864, 805-13  | 4   | 5 |
| 45 | Phosphorylation of seminal vesicle protein IV on Ser58 enhances its peroxidase-stimulating activity. <i>FEBS Journal</i> , <b>2001</b> , 268, 3858-69  |     | 4 |
| 44 | Hb City of Hope [beta 69(E13)Gly----Ser] in Italy: association of the gene with haplotype IX. <i>Hemoglobin</i> , <b>1992</b> , 16, 27-34  | 0.6 | 4 |
| 43 | Sheep haemoglobin I or beta B13(A10)Gly-->Ser: an example of a CpG mutation in vertebrates. Characterization using FAB-mass spectrometry and amino acid sequencing. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1993</b> , 25, 1935-8                             |     | 4 |
| 42 | Water buffalo ( <i>Bubalus bubalis</i> ) hemoglobins: an electrophoretic and chromatographic study. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1989</b> , 94, 71-7   |     | 4 |
| 41 | Identification of enzyme origin in dough improvers: DNA-based and proteomic approaches. <i>Food Research International</i> , <b>2018</b> , 105, 52-58  | 7   | 4 |

|    |   |     |   |
|----|---|-----|---|
| 40 | Effect of sprouting on the proteome of chickpea flour and on its digestibility by ex vivo gastro-duodenal digestion complemented with jejunal brush border membrane enzymes.. <i>Food Research International</i> , <b>2022</b> , 154, 111012  | 7   | 4 |
| 39 | Experimental study on vasoactive intestinal peptide (VIP) and its diaminopropane bound (VIP-DAP) analog in solution. <i>Amino Acids</i> , <b>2008</b> , 35, 275-81  | 3.5 | 3 |
| 38 | In vitro stimulatory effect of anti-apoptotic seminal vesicle protein 4 on purified peroxidase enzymes. <i>FEBS Journal</i> , <b>2008</b> , 275, 3870-83  | 5.7 | 3 |
| 37 | Structural properties of the protein SV-IV. <i>FEBS Journal</i> , <b>2004</b> , 271, 263-71   |     | 3 |
| 36 | Primary structure of alpha-globin chains from river buffalo ( <i>Bubalus bubalis</i> L.) hemoglobins. <i>The Protein Journal</i> , <b>2001</b> , 20, 171-9  |     | 3 |
| 35 | FAB overlapping: a strategy for sequencing homologous proteins. <i>International Journal of Mass Spectrometry and Ion Processes</i> , <b>1991</b> , 111, 287-300  |     | 3 |
| 34 | River buffalo ( <i>Bubalus bubalis</i> L.) AA phenotype haemoglobins: characterization by immobilized polyacrylamide gel electrophoresis and high performance liquid chromatography and determination of the primary structure of the constitutive chains by mass spectrometry. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1992</b> , 101, 91-8 |     | 3 |
| 33 | Ancestral Wheat Types Release Fewer Celiac Disease Related T Cell Epitopes than Common Wheat upon Ex Vivo Human Gastrointestinal Digestion. <i>Foods</i> , <b>2020</b> , 9,   | 4.9 | 3 |
| 32 | Liquid chromatography-ultraviolet detection and quantification of heat-labile toxin produced by enterotoxigenic <i>E. coli</i> cultured under different conditions. <i>Toxicon</i> , <b>2018</b> , 141, 73-78   | 2.8 | 3 |
| 31 | Bacteria do it better! Proteomics suggests the molecular basis for improved digestibility of sourdough products. <i>Food Chemistry</i> , <b>2021</b> , 359, 129955  | 8.5 | 3 |
| 30 | Proteomic Analysis of Beer <b>2017</b> , 383-403  |     | 2 |
| 29 | Proteomics of Hazelnut ( <i>Corylus avellana</i> ) <b>2017</b> , 107-125  |     | 2 |
| 28 | Wheat Flour <b>2014</b> , 55-74   |     | 2 |
| 27 | Proteomic-based Techniques for the Characterization of Food Allergens <b>2013</b> , 69-99   |     | 2 |
| 26 | Proteomics and Metabolomics in Relation to Meat Quality <b>2017</b> , 221-245   |     | 2 |
| 25 | The occurrence of genetic polymorphism and related non-allelic proteins increases the compositional complexity of goat $\beta$ (s1) -CN. <i>Electrophoresis</i> , <b>2012</b> , 33, 2337-44   | 3.6 | 2 |
| 24 | Sensory profile of P.D.O. Mozzarella di Bufala Campana Cheese. <i>Italian Journal of Animal Science</i> , <b>2007</b> , 6, 1136-1139  | 2.2 | 2 |
| 23 | Hb O-Arab [ $\beta$ 121(GH4)Glu $\rightarrow$ Lys]: association with DNA polymorphisms of African ancestry in two Mediterranean families. <i>Hemoglobin</i> , <b>1993</b> , 17, 523-35  | 0.6 | 2 |

|    |  |     |   |
|----|--|-----|---|
| 22 | Electrophoretic and chromatographic evidence for allelic polymorphisms in the river buffalo alpha-globin gene complex. <i>Biochemical Genetics</i> , <b>1991</b> , 29, 421-30  | 2.4 | 2 |
| 21 | The Role of Mass Spectrometry in Biomonitoring Exposure to Carcinogens <b>1996</b> , 397-415   |     | 2 |
| 20 | Polydatin Induces Differentiation and Radiation Sensitivity in Human Osteosarcoma Cells and Parallel Secretion through Lipid Metabolite Secretion. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 3337013  | 6.7 | 2 |
| 19 | Topological features of the intermolecular contacts in gluten-forming proteins: Exploring a novel methodological approach based on gold nanoparticles. <i>Food Research International</i> , <b>2019</b> , 119, 492-498   | 7   | 1 |
| 18 | Thiol precursors in Grechetto grape juice and aromatic expression in wine. <i>European Food Research and Technology</i> , <b>2017</b> , 243, 753-760   | 3.4 | 1 |
| 17 | Omic and Biomedical Applications <b>2015</b> , 1809-1857   |     | 1 |
| 16 | Molecular characterization of water buffalo meat by proteomic techniques. <i>Italian Journal of Animal Science</i> , <b>2007</b> , 6, 1182-1186  | 2.2 | 1 |
| 15 | Structure and function of sheep hemoglobin Chios: A novel allele at the HBBB locus with two Lys-->Arg substitutions at positions beta66(E10) and beta144(HC1). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2007</b> , 2, 84-90     | 2   | 1 |
| 14 | Electrospray mass spectrometric analysis of river buffalo ( <i>Bubalus bubalis</i> ) hemoglobins. Re-examination of alpha 1 and alpha 3 globin chain sequences. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 105, 573-8 |     | 1 |
| 13 | Characterization of Human Hemoglobin Variants by Mass Spectrometry <b>1992</b> , 325-332   |     | 1 |
| 12 | The effect of nitrogen fertilization on the expression of protein in wheat and tritordeum varieties using a proteomic approach. <i>Food Research International</i> , <b>2021</b> , 148, 110617   | 7   | 1 |
| 11 | Beer Proteomics <b>2013</b> , 399-424  |     | 1 |
| 10 | The Role of Proteomics in the Discovery of Marker Proteins of Food Adulteration <b>2013</b> , 465-501  |     | 1 |
| 9  | Casein-derived peptides from the dairy product kashk exhibit wound healing properties and antibacterial activity against <i>Staphylococcus aureus</i> : Structural and functional characterization.. <i>Food Research International</i> , <b>2022</b> , 153, 110949        | 7   | 0 |
| 8  | Beneficial effects of a wheat cultivar on diabetes incidence evaluated in non-obese diabetic mice and after simulated gastroduodenal digestion. <i>International Journal of Food Sciences and Nutrition</i> , <b>2021</b> , 1-9  | 3.7 | 0 |
| 7  | Omic Analysis of Protein and Peptide Toxins in Food <b>2017</b> , 1-36   |     |   |
| 6  | Mass Spectrometry-Based Approaches in Food Safety <b>2015</b> , 61-70  |     |   |
| 5  | SUSCEPTIBILITY TO DEAMIDATION BY TISSUE TRANSGLUTAMINASE AS A TOOL TO IDENTIFY IMMUNOGENIC GLIADIN PEPTIDES IN THE WHOLE GLIADIN EXTRACTS. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2005</b> , 40, 665  | 2.8 |   |



- 4 Development of a Mass Spectrometric Approach for the Characterisation of Hemoglobin Adducts  
**1997**, 399-411
- 3 Lipodepsipeptides From *Pseudomonas syringae* pv. *syringae*. *Developments in Plant Pathology*,  
**1997**, 170-175
- 2 Mass Spectrometry: Applications **2016**, 654-660
- 1 Food Protein Digestomics **2021**, 748-761