

# Pasquale Ferranti

## List of Publications by Year in Descending Order

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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  
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5.64  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 237 | 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         |
| 236 | 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         |
| 235 | 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         |
| 234 | 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         |
| 233 | Food Protein Digestomics <b>2021</b> , 748-761  |     |           |
| 232 | Antibacterial potential of donkey's milk disclosed by untargeted proteomics. <i>Journal of Proteomics</i> , <b>2021</b> , 231, 104007   | 3.9 | 9         |
| 231 | 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         |
| 230 | 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         |
| 229 | 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        |
| 228 | 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         |
| 227 | Compared digestibility of plant protein isolates by using the INFOGEST digestion protocol. <i>Food Research International</i> , <b>2020</b> , 137, 109708   | 7   | 25        |
| 226 | 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         |
| 225 | 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         |
| 224 | 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        |
| 223 | 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         |
| 222 | 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        |
| 221 | 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        |

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| 220 | 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 |
| 219 | Degradation of $\beta$ -casein through in vitro gastrointestinal and jejunal brush border membrane digestion. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 8622-8629                                  | 4   | 11 |
| 218 | 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 |
| 217 | 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 |
| 216 | The future of analytical chemistry in foodomics. <i>Current Opinion in Food Science</i> , <b>2018</b> , 22, 102-108   | 9.8 | 17 |
| 215 | 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  |
| 214 | 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  |
| 213 | 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  |
| 212 | 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  |
| 211 | Structures and Bioactive Properties of Myrtucommulones and Related Acylphloroglucinols from Myrtaceae. <i>Molecules</i> , <b>2018</b> , 23,   | 4.8 | 8  |
| 210 | Proteomic Analysis of Beer <b>2017</b> , 383-403  |     | 2  |
| 209 | Proteomics of Hazelnut ( <i>Corylus avellana</i> ) <b>2017</b> , 107-125  |     | 2  |
| 208 | Omic Analysis of Protein and Peptide Toxins in Food <b>2017</b> , 1-36  |     |    |
| 207 | Peanut digestome: Identification of digestion resistant IgE binding peptides. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 88-98  | 4.7 | 34 |
| 206 | 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  |
| 205 | Proteomics and Metabolomics in Relation to Meat Quality <b>2017</b> , 221-245   |     | 2  |
| 204 | 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  |
| 203 | The evolution of analytical chemistry methods in foodomics. <i>Journal of Chromatography A</i> , <b>2016</b> , 1428, 3-15   | 4.5 | 80 |

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| 202 | 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  |
| 201 | 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  |
| 200 | Metatranscriptomics reveals temperature-driven functional changes in microbiome impacting cheese maturation rate. <i>Scientific Reports</i> , <b>2016</b> , 6, 21871   | 4.9 | 111 |
| 199 | Protective effects of ID331 <i>Triticum monococcum</i> gliadin on in vitro models of the intestinal epithelium. <i>Food Chemistry</i> , <b>2016</b> , 212, 537-42  | 8.5 | 12  |
| 198 | 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  |
| 197 | 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  |
| 196 | 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  |
| 195 | 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  |
| 194 | Mass Spectrometry: Applications <b>2016</b> , 654-660  |     |     |
| 193 | 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   |
| 192 | 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  |
| 191 | New knowledge on the antiglycoxidative mechanism of chlorogenic acid. <i>Food and Function</i> , <b>2015</b> , 6, 2081-90  | 6.1 | 24  |
| 190 | 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   |
| 189 | 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  |
| 188 | New insights on the features of the vinyl phenol reductase from the wine-spoilage yeast <i>Dekkera/Brettanomyces bruxellensis</i> . <i>Annals of Microbiology</i> , <b>2015</b> , 65, 321-329                                    | 3.2 | 24  |
| 187 | Mass Spectrometry-Based Approaches in Food Safety <b>2015</b> , 61-70  |     |     |
| 186 | Omics and Biomedical Applications <b>2015</b> , 1809-1857  |     | 1   |
| 185 | Extensive in vitro gastrointestinal digestion markedly reduces the immune-toxicity of <i>Triticum monococcum</i> wheat: implication for celiac disease. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1844-54 | 5.9 | 45  |

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|-----|--|------|----|
| 184 | 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 |
| 183 | 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  |
| 182 | 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 |
| 181 | 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 |
| 180 | Profiling of anthocyanins for the taxonomic assessment of ancient purebred <i>V. vinifera</i> red grape varieties. <i>Food Chemistry</i> , <b>2014</b> , 146, 15-22  | 8.5  | 19 |
| 179 | Wheat Flour <b>2014</b> , 55-74  |      | 2  |
| 178 | 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 |
| 177 | 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 |
| 176 | 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 |
| 175 | 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 |
| 174 | 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 |
| 173 | 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  |
| 172 | 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 |
| 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 | 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 |
| 169 | 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 |
| 168 | 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  |
| 167 | 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  |

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|-----|---|-----|----|
| 166 | 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 |
| 165 | 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  |
| 164 | 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 |
| 163 | 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 |
| 162 | Proteomic-based Techniques for the Characterization of Food Allergens <b>2013</b> , 69-99   |     | 2  |
| 161 | An overview of $\beta$ -omic analytical methods applied in bioactive peptide studies. <i>Food Research International</i> , <b>2013</b> , 54, 925-934  | 7   | 54 |
| 160 | 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 |
| 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 | Beer Proteomics <b>2013</b> , 399-424   |     | 1  |
| 156 | The Role of Proteomics in the Discovery of Marker Proteins of Food Adulteration <b>2013</b> , 465-501   |     | 1  |
| 155 | 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 |
| 154 | Characterization of heat-labile toxin-subunit B from <i>Escherichia coli</i> 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  |
| 153 | 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 |
| 152 | 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  |
| 151 | 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 |
| 150 | Gel-free shotgun proteomic analysis of human milk. <i>Journal of Chromatography A</i> , <b>2012</b> , 1227, 219-33  | 4.5 | 30 |
| 149 | Proteomic analysis in allergy and intolerance to wheat products. <i>Expert Review of Proteomics</i> , <b>2011</b> , 8, 95-115   | 4.2 | 61 |

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|-----|--|-----|-----|
| 148 | Structural determinants of the immunomodulatory properties of the C-terminal region of bovine $\kappa$ -casein. <i>International Dairy Journal</i> , <b>2011</b> , 21, 770-776   | 3.5 | 15  |
| 147 | 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  |
| 146 | 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  |
| 145 | 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  |
| 144 | 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  |
| 143 | Proteomic and peptidomic characterisation of beer: Immunological and technological implications. <i>Food Chemistry</i> , <b>2011</b> , 124, 1718-1726  | 8.5 | 50  |
| 142 | The "dark side" of $\beta$ -lactoglobulin: unedited structural features suggest unexpected functions. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 3423-31   | 4.5 | 11  |
| 141 | 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  |
| 140 | Digestibility and immunoreactivity of soybean $\beta$ -conglycinin and its deglycosylated form. <i>Food Chemistry</i> , <b>2011</b> , 129, 1598-1605   | 8.5 | 32  |
| 139 | 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  |
| 138 | Genomics and proteomics of deleted ovine CSN1S1*1. <i>International Dairy Journal</i> , <b>2010</b> , 20, 195-202  | 3.5 | 17  |
| 137 | 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  |
| 136 | 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  |
| 135 | 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  |
| 134 | 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 |
| 133 | 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 |
| 132 | Proteomic characterization of donkey milk "caseome". <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 4834-40  | 4.5 | 50  |
| 131 | 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  |

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|-----|---|-----|-----|
| 130 | 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 |
| 129 | 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 |
| 128 | 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  |
| 127 | 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  |
| 126 | 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  |
| 125 | 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   |
| 124 | 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  |
| 123 | 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  |
| 122 | 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  |
| 121 | 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  |
| 120 | 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  |
| 119 | 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  |
| 118 | Carbohydrate moieties on the in vitro immunoreactivity of soy $\beta$ -conglycinin. <i>Food Research International</i> , <b>2009</b> , 42, 819-825  | 7   | 21  |
| 117 | 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  |
| 116 | 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  |
| 115 | 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  |
| 114 | "Iron priming" guides folding of denatured aporubredoxins. <i>Journal of Biological Inorganic Chemistry</i> , <b>2008</b> , 13, 981-91  | 3.7 | 10  |
| 113 | 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   |



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| 112 | 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 |
| 111 | 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  |
| 110 | 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   |
| 109 | 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  |
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