

# Salvatore Foti

## List of Publications by Year in descending order

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65  
papers

1,543  
citations

218592

26  
h-index

345118

36  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1695  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Meta-proteomic analysis of two mammoth's trunks by EVA technology and high-resolution mass spectrometry for an indirect picture of their habitat and the characterization of the collagen type I, alpha-1 and alpha-2 sequence. <i>Amino Acids</i> , 2022, , .            | 1.2 | 4         |
| 2  | Paleoproteomic profiling of organic residues on prehistoric pottery from Malta. <i>Amino Acids</i> , 2021, 53, 295-312.   | 1.2 | 18        |
| 3  | Quantitative Label-Free Comparison of the Metabolic Protein Fraction in Old and Modern Italian Wheat Genotypes by a Shotgun Approach. <i>Molecules</i> , 2021, 26, 2596.  | 1.7 | 9         |
| 4  | Meta-proteomic analysis of the Shandrin mammoth by EVA technology and high-resolution mass spectrometry: what is its gut microbiota telling us?. <i>Amino Acids</i> , 2021, 53, 1507-1521.  | 1.2 | 5         |
| 5  | VDACs Post-Translational Modifications Discovery by Mass Spectrometry: Impact on Their Hub Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12833.  | 1.8 | 8         |
| 6  | Qualitative proteomic comparison of metabolic and CM-like protein fractions in old and modern wheat Italian genotypes by a shotgun approach. <i>Journal of Proteomics</i> , 2020, 211, 103530.  | 1.2 | 16        |
| 7  | Gluten proteome comparison among durum wheat genotypes with different release date. <i>Journal of Cereal Science</i> , 2020, 96, 103092.  | 1.8 | 12        |
| 8  | Post-Translational Modification Analysis of VDAC1 in ALS-SOD1 Model Cells Reveals Specific Asparagine and Glutamine Deamidation. <i>Antioxidants</i> , 2020, 9, 1218.   | 2.2 | 10        |
| 9  | Cysteine Oxidations in Mitochondrial Membrane Proteins: The Case of VDAC Isoforms in Mammals. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 397.  | 1.8 | 32        |
| 10 | A High Resolution Mass Spectrometry Study Reveals the Potential of Disulfide Formation in Human Mitochondrial Voltage-Dependent Anion Selective Channel Isoforms (hVDACs). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1468.                           | 1.8 | 14        |
| 11 | Dataset of the metabolic and CM-like protein fractions in old and modern wheat Italian genotypes. <i>Data in Brief</i> , 2019, 27, 104730.  | 0.5 | 2         |
| 12 | Enhancing grain size in durum wheat using RNAi to knockdown GW2 genes. <i>Theoretical and Applied Genetics</i> , 2019, 132, 419-429.  | 1.8 | 33        |
| 13 | Sequential Fractionation Strategy Identifies Three Missing Proteins in the Mitochondrial Proteome of Commonly Used Cell Lines. <i>Journal of Proteome Research</i> , 2018, 17, 4307-4314.   | 1.8 | 20        |
| 14 | Post-translational modifications of VDAC1 and VDAC2 cysteines from rat liver mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 806-816.  | 0.5 | 32        |
| 15 | Proteomic Analyses on an Ancient Egyptian Cheese and Biomolecular Evidence of Brucellosis. <i>Analytical Chemistry</i> , 2018, 90, 9673-9676.   | 3.2 | 38        |
| 16 | Comparative proteomic analysis of two transgenic low-gliadin wheat lines and non-transgenic wheat control. <i>Journal of Proteomics</i> , 2017, 165, 102-112.   | 1.2 | 28        |
| 17 | High resolution mass spectrometry characterization of the oxidation pattern of methionine and cysteine residues in rat liver mitochondria voltage-dependent anion selective channel 3 (VDAC3). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 301-311. | 1.4 | 29        |
| 18 | Proteins and bioactive peptides from donkey milk: The molecular basis for its reduced allergenic properties. <i>Food Research International</i> , 2017, 99, 41-57.  | 2.9 | 55        |

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|----|--|-----|-----------|
| 19 | Polyphemus, Odysseus and the ovine milk proteome. <i>Journal of Proteomics</i> , 2017, 152, 58-74.   | 1.2 | 14        |
| 20 | Site-specific glycosylation of donkey milk lactoferrin investigated by high-resolution mass spectrometry. <i>Amino Acids</i> , 2016, 48, 2799-2808.  | 1.2 | 10        |
| 21 | Sequence characterization and glycosylation sites identification of donkey milk lactoferrin by multiple enzyme digestions and mass spectrometry. <i>Amino Acids</i> , 2016, 48, 1569-1580.   | 1.2 | 9         |
| 22 | VDAC3 as a sensor of oxidative state of the intermembrane space of mitochondria: the putative role of cysteine residue modifications. <i>Oncotarget</i> , 2016, 7, 2249-2268.  | 0.8 | 78        |
| 23 | Protein profile of exhaled breath condensate determined by high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 105, 134-149.   | 1.4 | 32        |
| 24 | Zeus, Aesculapius, Amalthea and the proteome of goat milk. <i>Journal of Proteomics</i> , 2015, 128, 69-82.  | 1.2 | 28        |
| 25 | Mass spectrometry in food proteomics: a tutorial. <i>Journal of Mass Spectrometry</i> , 2014, 49, 768-784.   | 0.7 | 56        |
| 26 | MALDI-TOF mass spectrometry for the monitoring of she-donkey's milk contamination or adulteration. <i>Journal of Mass Spectrometry</i> , 2013, 48, 148-153.  | 0.7 | 28        |
| 27 | The Mitochondrial Italian Human Proteome Project Initiative (mt-HPP). <i>Molecular BioSystems</i> , 2013, 9, 1984-92.  | 2.9 | 10        |
| 28 | Root Protein Profiles of Two Citrus Rootstocks Grown under Iron Sufficiency/Deficiency Conditions. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 305-324.   | 0.5 | 9         |
| 29 | MS-based characterization of $\alpha$ -casein isoforms in donkey's milk. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1150-1159.  | 0.7 | 19        |
| 30 | Mass spectrometry in the proteome analysis of mature cereal kernels. <i>Mass Spectrometry Reviews</i> , 2012, 31, 448-465.   | 2.8 | 35        |
| 31 | High Molecular Weight Glutenin Subunits in Some Durum Wheat Cultivars Investigated by Means of Mass Spectrometric Techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12226-12237.   | 2.4 | 24        |
| 32 | Applications of Mass Spectrometry Techniques in the Investigation of Milk Proteome. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 305-320.  | 0.5 | 47        |
| 33 | Poppea's bath liquor: The secret proteome of she-donkey's milk. <i>Journal of Proteomics</i> , 2011, 74, 2083-2099.  | 1.2 | 40        |
| 34 | Proteolytic enzymes in storage protein mobilization and cell death of the megagametophyte of <i>Araucaria bidwillii</i> Hook. post-germinated seeds. <i>Planta</i> , 2011, 233, 817-830.   | 1.6 | 7         |
| 35 | Development and validation of a liquid chromatography/electrospray ionization tandem mass spectrometry method for the quantification of latanoprost free acid in rabbit aqueous humor and ciliary body. <i>Journal of Mass Spectrometry</i> , 2011, 46, 1168-1174.   | 0.7 | 6         |
| 36 | Simultaneous quantification of carteolol and dorzolamide in rabbit aqueous humor and ciliary body by liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 807-814. | 1.2 | 14        |

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|----|---|-----|-----------|
| 37 | Sequence determination of $\beta$ -casein isoforms from donkey by mass spectrometric methods. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1742-1753.  | 0.7 | 29        |
| 38 | Starch-bound 2S proteins and kernel texture in einkorn, <i>Triticum monococcum</i> ssp <i>monococcum</i> . <i>Theoretical and Applied Genetics</i> , 2009, 119, 1205-1212.  | 1.8 | 17        |
| 39 | Sequence and phosphorylation level determination of two donkey $\beta$ -caseins by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1907-1916.   | 0.7 | 28        |
| 40 | Proteome analysis of <i>Citrus sinensis</i> L. (Osbeck) flesh at ripening time. <i>Journal of Proteomics</i> , 2009, 73, 134-152.   | 1.2 | 75        |
| 41 | Dimeric Inhibitors of Human Salivary $\alpha$ -Amylase from Emmer ( <i>Triticum dicoccon</i> Schrank) Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10452-10460.   | 2.4 | 9         |
| 42 | Characterization of the protein profile of donkey's milk whey fraction. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1162-1174.  | 0.7 | 46        |
| 43 | Detection and sequence determination of a new variant $\beta$ -lactoglobulin II from donkey. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1438-1446.  | 0.7 | 24        |
| 44 | Tetraploid and Hexaploid Wheats Express Identical Isoforms of nsLTP1. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2372-2377.  | 2.4 | 5         |
| 45 | Detection and characterization by high-performance liquid chromatography and mass spectrometry of two truncated goat $\beta$ -caseins. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1061-1070.  | 0.7 | 11        |
| 46 | Characterization of B- and C-type low molecular weight glutenin subunits by electrospray ionization mass spectrometry and matrix-assisted laser desorption/ionization mass spectrometry. <i>Proteomics</i> , 2005, 5, 719-728.  | 1.3 | 46        |
| 47 | Detection and characterization by high-performance liquid chromatography and mass spectrometry of a goat $\beta$ -casein associated with a CSN2 null allele. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2943-2949.  | 0.7 | 22        |
| 48 | NsLTP1 and NsLTP2 Isoforms in Soft Wheat ( <i>Triticum aestivum</i> Cv. Centauro) and Farro ( <i>Triticum</i> ) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50  | 2.4 | 15        |
| 49 | Identification and characterization of a new $\beta$ -casein variant in goat milk by high-performance liquid chromatography with electrospray ionization mass spectrometry and matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1972-1982. | 0.7 | 33        |
| 50 | Structural studies of the allelic wheat glutenin subunits 1Bx7 and 1Bx20 by matrix-assisted laser desorption/ionization mass spectrometry and high-performance liquid chromatography/electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 66-78.                                | 0.7 | 48        |
| 51 | Mass Spectrometry in the Characterisation of Cereal Seed Proteins. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 359-370.  | 0.5 | 26        |
| 52 | Monitoring of unfolding of metallo-proteins by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003, 38, 502-509.  | 0.7 | 12        |
| 53 | Structural studies of glutenin subunits 1Dy10 and 1Dy12 by matrix-assisted laser desorption/ionisation mass spectrometry and high-performance liquid chromatography/electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 442-454.                                  | 0.7 | 47        |
| 54 | Investigation and correction of the gene-derived sequence of glutenin subunit 1Dx2 by matrix-assisted laser desorption/ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1911-1918.  | 0.7 | 26        |

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|----|---|-----|-----------|
| 55 | Free energy for blue copper protein unfolding determined by electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1817-1825.  | 0.7 | 11        |
| 56 | Characterization of cyanogen bromide fragments of reduced human serum albumin by matrix-assisted laser desorption/ionization mass spectrometry. , 1998, 33, 673-676.  |     | 2         |
| 57 | Isolation by gel-permeation chromatography of a non-covalent complex of Cibacron Blue F3G-A with human serum albumin. <i>Journal of Chromatography A</i> , 1996, 736, 115-123.  | 1.8 | 18        |
| 58 | Studies in organic mass spectrometry. Part 17â€”Formation of phenol radical ions by rearrangement of the molecular ions of some N-arylthiophenecarboxamides and -benzamides. <i>Journal of Mass Spectrometry</i> , 1995, 30, 257-261. | 0.7 | 6         |
| 59 | Tryptic peptide mapping of sequence 299â€”585 of human serum albumin by high-performance liquid chromatography and fast atom bombardment mass spectrometry. <i>Journal of Chromatography A</i> , 1995, 693, 33-44.                    | 1.8 | 11        |
| 60 | Tryptic peptide mapping of sequence 1-298 of human serum albumin by high-performance liquid chromatography and fast-atom bombardment mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 459-464.          | 0.7 | 4         |
| 61 | Chromatographic profiles of cyanogen bromide fragments of unreduced human serum albumin on immobilized Cibacron Blue F3G-A. <i>Journal of Chromatography A</i> , 1993, 639, 341-345.  | 1.8 | 11        |
| 62 | Structural studies on the peptide moroidin from <i>laportea moroides</i> . <i>Tetrahedron</i> , 1986, 42, 3333-3348.  | 1.0 | 67        |
| 63 | Mechanism of thermal decomposition of poly(vinylidene chloride). <i>Polymer</i> , 1981, 22, 131-132.  | 1.8 | 34        |
| 64 | Unsymmetrical polysulphur metacyclophanes from the reaction of mesitylene-2,4-dithiol with sulphur chlorides. <i>Tetrahedron Letters</i> , 1979, 20, 1171-1174.   | 0.7 | 20        |
| 65 | Synthesis of two novel [2.2]metacyclophanes, 4,6,12,14-tetramethyl and 4,6,12,14-tetramethoxy-1,2,9,10-tetrathia[2.2]metacyclophane. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1979, , 198.                      | 0.9 | 8         |