Salvatore Foti

List of Publications by Year
in descending order

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	VDAC3 as a sensor of oxidative state of the intermembrane space of mitochondria: the putative role of cysteine residue modifications. Oncotarget, 2016, 7, 2249-2268.	0.8	78
2	Proteome analysis of Citrus sinensis L. (Osbeck) flesh at ripening time. Journal of Proteomics, 2009, 73, 134-152.	1.2	75
3	Structural studies on the peptide moroidin from laportea moroides. Tetrahedron, 1986, 42, 3333-3348.	1.0	67
4	Mass spectrometry in food proteomics: a tutorial. Journal of Mass Spectrometry, 2014, 49, 768-784.	0.7	56
5	Proteins and bioactive peptides from donkey milk: The molecular basis for its reduced allergenic properties. Food Research International, 2017, 99, 41-57.	2.9	55
6	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. Journal of Mass Spectrometry, 2004, 39, 66-78.	0.7	48
7	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. Rapid Communications in Mass Spectrometry, 2003, 17, 442-454.	0.7	47
8	Applications of Mass Spectrometry Techniques in the Investigation of Milk Proteome. European Journal of Mass Spectrometry, 2011, 17, 305-320.	0.5	47
9	Characterization of B- and C-type low molecular weight glutenin subunits by electrospray ionization mass spectrometry and matrix-assisted laser desorption/ ionization mass spectrometry. Proteomics, 2005, 5, 719-728.	1.3	46
10	Characterization of the protein profile of donkey's milk whey fraction. Journal of Mass Spectrometry, 2007, 42, 1162-1174.	0.7	46
11	Poppea's bath liquor: The secret proteome of she-donkey's milk. Journal of Proteomics, 2011, 74, 2083-2099.	1.2	40
12	Proteomic Analyses on an Ancient Egyptian Cheese and Biomolecular Evidence of Brucellosis. Analytical Chemistry, 2018, 90, 9673-9676.	3.2	38
13	Mass spectrometry in the proteome analysis of mature cereal kernels. Mass Spectrometry Reviews, 2012, 31, 448-465.	2.8	35
14	Mechanism of thermal decomposition of poly(vinylidene chloride). Polymer, 1981, 22, 131-132.	1.8	34
15	Identification and characterization of a newÎ²-casein variant in goat milk by high-performance liquid chromatography with electrospray ionization mass spectrometry and matrix-assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 1972-1982.	0.7	33
16	Enhancing grain size in durum wheat using RNAi to knockdown GW2 genes. Theoretical and Applied Genetics, 2019, 132, 419-429.	1.8	33
17	Protein profile of exhaled breath condensate determined by high resolution mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2015, 105, 134-149.	1.4	32
18	Post-translational modifications of VDAC1 and VDAC2 cysteines from rat liver mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 806-816.	0.5	32

#	Article	IF	Citations
19	Cysteine Oxidations in Mitochondrial Membrane Proteins: The Case of VDAC Isoforms in Mammals. Frontiers in Cell and Developmental Biology, 2020, 8, 397.	1.8	32
20	Sequence determination of Î±_{s1}â€casein isoforms from donkey by mass spectrometric methods. Journal of Mass Spectrometry, 2009, 44, 1742-1753.	0.7	29
21	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). Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 301-311.	1.4	29
22	Sequence and phosphorylation level determination of two donkey Î²â€caseins by mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 1907-1916.	0.7	28
23	MALDIâ€TOF mass spectrometry for the monitoring of sheâ€donkey's milk contamination or adulteration. Journal of Mass Spectrometry, 2013, 48, 148-153.	0.7	28
24	Zeus, Aesculapius, Amalthea and the proteome of goat milk. Journal of Proteomics, 2015, 128, 69-82.	1.2	28
25	Comparative proteomic analysis of two transgenic low-gliadin wheat lines and non-transgenic wheat control. Journal of Proteomics, 2017, 165, 102-112.	1.2	28
26	Investigation and correction of the gene-derived sequence of glutenin subunit 1Dx2 by matrix-assisted laser desorption/ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 1911-1918.	0.7	26
27	Mass Spectrometry in the Characterisation of Cereal Seed Proteins. European Journal of Mass Spectrometry, 2004, 10, 359-370.	0.5	26
28	Detection and sequence determination of a new variantÎ²-lactoglobulin II from donkey. Rapid Communications in Mass Spectrometry, 2007, 21, 1438-1446.	0.7	24
29	High Molecular Weight Glutenin Subunits in Some Durum Wheat Cultivars Investigated by Means of Mass Spectrometric Techniques. Journal of Agricultural and Food Chemistry, 2011, 59, 12226-12237.	2.4	24
30	Detection and characterization by high-performance liquid chromatography and mass spectrometry of a goatÎ²-casein associated with a CSN2 null allele. Rapid Communications in Mass Spectrometry, 2005, 19, 2943-2949.	0.7	22
31	Unsymmetrical polysulphur metacyclophanes from the reaction of mesitylene-2,4-dithiol with sulphur chlorides. Tetrahedron Letters, 1979, 20, 1171-1174.	0.7	20
32	Sequential Fractionation Strategy Identifies Three Missing Proteins in the Mitochondrial Proteome of Commonly Used Cell Lines. Journal of Proteome Research, 2018, 17, 4307-4314.	1.8	20
33	MSâ€based characterization of Î±_{s2}â€casein isoforms in donkey's milk. Journal of Mass Spectrometry, 2012, 47, 1150-1159.	0.7	19
34	Isolation by gel-permeation chromatography of a non-covalent complex of Cibacron Blue F3G-A with human serum albumin. Journal of Chromatography A, 1996, 736, 115-123.	1.8	18
35	Paleoproteomic profiling of organic residues on prehistoric pottery from Malta. Amino Acids, 2021, 53, 295-312.	1.2	18
36	Starch-bound 2S proteins and kernel texture in einkorn, TriticumÂmonococcum ssp monococcum. Theoretical and Applied Genetics, 2009, 119, 1205-1212.	1.8	17

#	Article	IF	Citations
37	Qualitative proteomic comparison of metabolic and CM-like protein fractions in old and modern wheat Italian genotypes by a shotgun approach. Journal of Proteomics, 2020, 211, 103530.	1.2	16
38	NsLTP1 and NsLTP2 Isoforms in Soft Wheat (Triticum aestivumCv. Centauro) and Farro (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	15
39	Simultaneous quantification of carteolol and dorzolamide in rabbit aqueous humor and ciliary body by liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 807-814.	1.2	14
40	Polyphemus, Odysseus and the ovine milk proteome. Journal of Proteomics, 2017, 152, 58-74.	1.2	14
41	A High Resolution Mass Spectrometry Study Reveals the Potential of Disulfide Formation in Human Mitochondrial Voltage-Dependent Anion Selective Channel Isoforms (hVDACs). International Journal of Molecular Sciences, 2020, 21, 1468.	1.8	14
42	Monitoring of unfolding of metallo-proteins by electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2003, 38, 502-509.	0.7	12
43	Gluten proteome comparison among durum wheat genotypes with different release date. Journal of Cereal Science, 2020, 96, 103092.	1.8	12
44	Chromatographic profiles of cyanogen bromide fragments of unreduced human serum albumin on immobilized Cibacron Blue F3G-A. Journal of Chromatography A, 1993, 639, 341-345.	1.8	11
45	Tryptic peptide mapping of sequence 299â€“585 of human serum albumin by high-performance liquid chromatography and fast atom bombardment mass spectrometry. Journal of Chromatography A, 1995, 693, 33-44.	1.8	11
46	Free energy for blue copper protein unfolding determined by electrospray ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2001, 15, 1817-1825.	0.7	11
47	Detection and characterization by high-performance liquid chromatography and mass spectrometry of two truncated goatÎ±s2-caseins. Rapid Communications in Mass Spectrometry, 2006, 20, 1061-1070.	0.7	11
48	The Mitochondrial Italian Human Proteome Project Initiative (mt-HPP). Molecular BioSystems, 2013, 9, 1984-92.	2.9	10
49	Site-specific glycosylation of donkey milk lactoferrin investigated by high-resolution mass spectrometry. Amino Acids, 2016, 48, 2799-2808.	1.2	10
50	Post-Translational Modification Analysis of VDAC1 in ALS-SOD1 Model Cells Reveals Specific Asparagine and Glutamine Deamidation. Antioxidants, 2020, 9, 1218.	2.2	10
51	Dimeric Inhibitors of Human Salivary Î±-Amylase from Emmer (Triticum dicoccon Schrank) Seeds. Journal of Agricultural and Food Chemistry, 2007, 55, 10452-10460.	2.4	9
52	Root Protein Profiles of Two Citrus Rootstocks Grown under Iron Sufficiency/Deficiency Conditions. European Journal of Mass Spectrometry, 2013, 19, 305-324.	0.5	9
53	Sequence characterization and glycosylation sites identification of donkey milk lactoferrin by multiple enzyme digestions and mass spectrometry. Amino Acids, 2016, 48, 1569-1580.	1.2	9
54	Quantitative Label-Free Comparison of the Metabolic Protein Fraction in Old and Modern Italian Wheat Genotypes by a Shotgun Approach. Molecules, 2021, 26, 2596.	1.7	9

#	Article	IF	Citations
55	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. Journal of the Chemical Society Perkin Transactions 1, 1979, , 198.	0.9	8
56	VDACs Post-Translational Modifications Discovery by Mass Spectrometry: Impact on Their Hub Function. International Journal of Molecular Sciences, 2021, 22, 12833.	1.8	8
57	Proteolytic enzymes in storage protein mobilization and cell death of the megagametophyte of Araucaria bidwillii Hook. post-germinated seeds. Planta, 2011, 233, 817-830.	1.6	7
58	Studies in organic mass spectrometry. Part 17â€"Formation of phenol radical ions by rearrangement of the molecular ions of someN-arylthiophenecarboxamides and -benzamides. Journal of Mass Spectrometry, 1995, 30, 257-261.	0.7	6
59	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. Journal of Mass Spectrometry, 2011, 46, 1168-1174.	0.7	6
60	Tetraploid and Hexaploid Wheats Express Identical Isoforms of nsLTP1. Journal of Agricultural and Food Chemistry, 2006, 54, 2372-2377.	2.4	5
61	Meta-proteomic analysis of the Shandrin mammoth by EVA technology and high-resolution mass spectrometry: what is its gut microbiota telling us?. Amino Acids, 2021, 53, 1507-1521.	1.2	5
62	Tryptic peptide mapping of sequence 1-298 of human serum albumin by high-performance liquid chromatography and fast-atom bombardment mass spectrometry. Rapid Communications in Mass Spectrometry, 1994, 8, 459-464.	0.7	4
63	Meta-proteomic analysis of two mammothâ€™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. Amino Acids, 2022, , .	1.2	4
64	Characterization of cyanogen bromide fragments of reduced human serum albumin by matrix-assisted laser desorption/ionization mass spectrometry. , 1998, 33, 673-676.		2
65	Dataset of the metabolic and CM-like protein fractions in old and modern wheat Italian genotypes. Data in Brief, 2019, 27, 104730.	0.5	2