

Vincenzo Cunsolo

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,471
citations

257450

24
h-index

330143

37
g-index

51
all docs

51
docs citations

51
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of liquid chromatography-mass spectrometry for food analysis. <i>Journal of Chromatography A</i> , 2012, 1259, 74-85.	3.7	172
2	Proteome analysis of <i>Citrus sinensis</i> L. (Osbeck) flesh at ripening time. <i>Journal of Proteomics</i> , 2009, 73, 134-152.	2.4	75
3	Molecular and functional characterization of VDAC2 purified from mammal spermatozoa. <i>Bioscience Reports</i> , 2009, 29, 351-362.	2.4	56
4	Immune mediators of sea-cucumber <i>Holothuria tubulosa</i> (Echinodermata) as source of novel antimicrobial and anti-staphylococcal biofilm agents. <i>AMB Express</i> , 2013, 3, 35.	3.0	56
5	Mass spectrometry in food proteomics: a tutorial. <i>Journal of Mass Spectrometry</i> , 2014, 49, 768-784.	1.6	56
6	Proteins and bioactive peptides from donkey milk: The molecular basis for its reduced allergenic properties. <i>Food Research International</i> , 2017, 99, 41-57.	6.2	55
7	Donkeys' milk protein fraction investigated by electrophoretic methods and mass spectrometric analysis. <i>International Dairy Journal</i> , 2009, 19, 190-197.	3.0	54
8	α -Glucosidase inhibition and antioxidant activity of an oenological commercial tannin. Extraction, fractionation and analysis by HPLC/ESI-MS/MS and ^1H NMR. <i>Food Chemistry</i> , 2017, 215, 50-60.	8.2	54
9	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.	1.6	48
10	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.	1.5	47
11	Applications of Mass Spectrometry Techniques in the Investigation of Milk Proteome. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 305-320.	1.0	47
12	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.	2.2	46
13	Characterization of the protein profile of donkey's milk whey fraction. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1162-1174.	1.6	46
14	Poppea's bath liquor: The secret proteome of she-donkey's milk. <i>Journal of Proteomics</i> , 2011, 74, 2083-2099.	2.4	40
15	Proteomic Analyses on an Ancient Egyptian Cheese and Biomolecular Evidence of Brucellosis. <i>Analytical Chemistry</i> , 2018, 90, 9673-9676.	6.5	38
16	Mass spectrometry in the proteome analysis of mature cereal kernels. <i>Mass Spectrometry Reviews</i> , 2012, 31, 448-465.	5.4	35
17	Identification and characterization of a new β -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.	1.5	33
18	Post-translational modifications of VDAC1 and VDAC2 cysteines from rat liver mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 806-816.	1.0	32

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19	Sequence determination of κ -casein isoforms from donkey by mass spectrometric methods. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1742-1753.	1.6	29
20	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.	2.6	29
21	Sequence and phosphorylation level determination of two donkey κ -caseins by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1907-1916.	1.5	28
22	MALDI-TOF mass spectrometry for the monitoring of shea-donkey's milk contamination or adulteration. <i>Journal of Mass Spectrometry</i> , 2013, 48, 148-153.	1.6	28
23	Zeus, Aesculapius, Amalthea and the proteome of goat milk. <i>Journal of Proteomics</i> , 2015, 128, 69-82.	2.4	28
24	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.	1.5	26
25	Mass Spectrometry in the Characterisation of Cereal Seed Proteins. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 359-370.	1.0	26
26	Detection and sequence determination of a new variant β -lactoglobulin II from donkey. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1438-1446.	1.5	24
27	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.	5.2	24
28	Detection and characterization by high-performance liquid chromatography and mass spectrometry of a goat β -casein associated with a CSN2 null allele. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2943-2949.	1.5	22
29	MS-based characterization of κ -casein isoforms in donkey's milk. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1150-1159.	1.6	19
30	Paleoproteomic profiling of organic residues on prehistoric pottery from Malta. <i>Amino Acids</i> , 2021, 53, 295-312.	2.7	18
31	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.	2.4	16
32	NsLTP1 and NsLTP2 Isoforms in Soft Wheat (<i>Triticum aestivum</i> Cv. Centauro) and Farro (<i>Triticum</i>) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50	3.2	15
33	Polyphemus, Odysseus and the ovine milk proteome. <i>Journal of Proteomics</i> , 2017, 152, 58-74.	2.4	14
34	Mass Spectrometry and 1H-NMR Study of <i>Schinopsis lorentzii</i> (Quebracho) Tannins as a Source of Hypoglycemic and Antioxidant Principles. <i>Molecules</i> , 2020, 25, 3257.	3.8	14
35	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.	4.1	14
36	Gluten proteome comparison among durum wheat genotypes with different release date. <i>Journal of Cereal Science</i> , 2020, 96, 103092.	3.7	12

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37	Site-specific glycosylation of donkey milk lactoferrin investigated by high-resolution mass spectrometry. <i>Amino Acids</i> , 2016, 48, 2799-2808.	2.7	10
38	Post-Translational Modification Analysis of VDAC1 in ALS-SOD1 Model Cells Reveals Specific Asparagine and Glutamine Deamidation. <i>Antioxidants</i> , 2020, 9, 1218.	5.1	10
39	Identification of New Antimicrobial Peptides from Mediterranean Medical Plant <i>Charybdis pancratium</i> (Steinh.) Speta. <i>Antibiotics</i> , 2020, 9, 747.	3.7	10
40	Root Protein Profiles of Two Citrus Rootstocks Grown under Iron Sufficiency/Deficiency Conditions. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 305-324.	1.0	9
41	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.	2.7	9
42	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.	3.8	9
43	Involvement of alanine racemase in germination of <i>Bacillus cereus</i> spores lacking an intact exosporium. <i>Archives of Microbiology</i> , 2014, 196, 79-85.	2.2	8
44	VDACs Post-Translational Modifications Discovery by Mass Spectrometry: Impact on Their Hub Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12833.	4.1	8
45	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.	2.7	5
46	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, , .	2.7	4
47	Physiactosome: A New Nanovesicle Drug Containing Heat Shock Protein 60 for Treating Muscle Wasting and Cachexia. <i>Cells</i> , 2022, 11, 1406.	4.1	4
48	Polymorphism at donkey β -lactoglobulin II locus: identification and characterization of a new genetic variant with a very low expression. <i>Amino Acids</i> , 2018, 50, 735-746.	2.7	3
49	A new monomeric α -amylase inhibitor from the tetraploid emmer wheat is mostly active against stored product pests. <i>Journal of Pest Science</i> , 2022, 95, 1401-1412.	3.7	3
50	Dataset of the metabolic and CM-like protein fractions in old and modern wheat Italian genotypes. <i>Data in Brief</i> , 2019, 27, 104730.	1.0	2