

Rosa Anna Siciliano

List of Publications by Year in descending order

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66
papers

2,575
citations

159585

30
h-index

197818

49
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69
all docs

69
docs citations

69
times ranked

3359
citing authors

#	ARTICLE	IF	CITATIONS
1	Paraprobiotics: A New Perspective for Functional Foods and Nutraceuticals. <i>Nutrients</i> , 2021, 13, 1225.	4.1	82
2	Transamidation Down-Regulates Intestinal Immunity of Recombinant $\hat{\pm}$ -Gliadin in HLA-DQ8 Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7019.	4.1	6
3	Decreased amount of vimentin N-terminal truncated proteolytic products in parkin-mutant skin fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 693-698.	2.1	5
4	Secretome Analysis of Mouse Dendritic Cells Interacting with a Probiotic Strain of <i>Lactobacillus gasseri</i> . <i>Nutrients</i> , 2020, 12, 555.	4.1	6
5	Proteomic Analysis of Mucopolysaccharidosis IIIB Mouse Brain. <i>Biomolecules</i> , 2020, 10, 355.	4.0	30
6	Influence of oral administration mode on the efficacy of commercial bovine Lactoferrin against iron and inflammatory homeostasis disorders. <i>BioMetals</i> , 2020, 33, 159-168.	4.1	18
7	A distinctive protein signature induced by lysophosphatidic acid receptor 6 (LPAR6) expression in hepatocellular carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 1150-1156.	2.1	5
8	Editorial: Proteomics for Studying Foodborne Microorganisms and Their Impact on Food Quality and Human Health. <i>Frontiers in Nutrition</i> , 2019, 6, 104.	3.7	3
9	Proteomics for the Investigation of Surface-Exposed Proteins in Probiotics. <i>Frontiers in Nutrition</i> , 2019, 6, 52.	3.7	37
10	Impact of aerobic and respirative life-style on <i>Lactobacillus casei</i> N87 proteome. <i>International Journal of Food Microbiology</i> , 2019, 298, 51-62.	4.7	13
11	Proteomics pattern associated with gingival oral squamous cell carcinoma and epulis: A case analysis. <i>Oral Science International</i> , 2018, 15, 41-47.	0.7	2
12	Urine Proteomics Revealed a Significant Correlation Between Urine-Fibronectin Abundance and Estimated-GFR Decline in Patients with Bardet-Biedl Syndrome. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 389-405.	2.0	28
13	Response mechanisms induced by exposure to high temperature in anthers from thermo-tolerant and thermo-sensitive tomato plants: A proteomic perspective. <i>PLoS ONE</i> , 2018, 13, e0201027.	2.5	22
14	Identification of Early Represented Gluten Proteins during Durum Wheat Grain Development. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3242-3250.	5.2	28
15	Proteomics for the authentication of fish species. <i>Journal of Proteomics</i> , 2016, 147, 119-124.	2.4	54
16	Exploring the N-Terminal Region of C-X-C Motif Chemokine 12 (CXCL12): Identification of Plasma-Stable Cyclic Peptides As Novel, Potent C-X-C Chemokine Receptor Type 4 (CXCR4) Antagonists. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8369-8380.	6.4	26
17	Food Authentication by MALDI MS: MALDI-TOF MS Analysis of Fish Species. , 2016, , 263-277.		2
18	Comparative Analysis of MALDI-TOF Mass Spectrometric Data in Proteomics: A Case Study. <i>Lecture Notes in Computer Science</i> , 2016, , 154-164.	1.3	0

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19	Lactobacillus acidophilusâ€™Rutin Interplay Investigated by Proteomics. PLoS ONE, 2015, 10, e0142376.	2.5	17
20	Altered protein expression pattern in skin fibroblasts from parkin -mutant early-onset Parkinson's disease patients. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1960-1970.	3.8	25
21	The E1 beta-subunit of pyruvate dehydrogenase is surface-expressed in Lactobacillus plantarum and binds fibronectin. Microbiological Research, 2014, 169, 121-127.	5.3	27
22	Proteomic investigation of response to forl infection in tomato roots. Plant Physiology and Biochemistry, 2014, 74, 42-49.	5.8	26
23	Rapid peptidomic profiling of peritoneal fluid by MALDI-TOF mass spectrometry for the identification of biomarkers of endometriosis. Gynecological Endocrinology, 2014, 30, 872-876.	1.7	25
24	Analysis of Different European Hazelnut (<i>Corylus avellana</i> L.) Cultivars: Authentication, Phenotypic Features, and Phenolic Profiles. Journal of Agricultural and Food Chemistry, 2014, 62, 6236-6246.	5.2	47
25	Biochemical modifications of gliadins induced by microbial transglutaminase on wheat flour. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 5166-5174.	2.4	37
26	Identification of binding sites of Lactobacillus plantarum enolase involved in the interaction with human plasminogen. Microbiological Research, 2013, 168, 65-72.	5.3	26
27	Mass spectrometry for the analysis of protein lactosylation in milk products. Food Research International, 2013, 54, 988-1000.	6.2	55
28	Comparative secretome analysis of four isogenic Bacillus clausii probiotic strains. Proteome Science, 2013, 11, 28.	1.7	26
29	Bovine lactoferrin-derived peptides as novel broad-spectrum inhibitors of influenza virus. Pathogens and Global Health, 2012, 106, 12-19.	2.3	53
30	Effect of inactivation of ccpA and aerobic growth in Lactobacillus plantarum: A proteomic perspective. Journal of Proteomics, 2012, 75, 4050-4061.	2.4	38
31	Molecular mechanisms of probiotic action: a proteomic perspective. Current Opinion in Microbiology, 2012, 15, 390-396.	5.1	58
32	Expression of the Lactobacillus plantarum malE gene is regulated by CcpA and a MalR-like protein. Journal of Microbiology, 2011, 49, 950-955.	2.8	16
33	Proteomics for the elucidation of cold adaptation mechanisms in Listeria monocytogenes. Journal of Proteomics, 2010, 73, 2021-2030.	2.4	112
34	Bowman-Birk inhibitors in lentil: Heterologous expression, functional characterisation and anti-proliferative properties in human colon cancer cells. Food Chemistry, 2010, 120, 1058-1066.	8.2	51
35	Purification and biochemical characterization of a native invertase from the hydrogen-producing Thermotoga neapolitana (DSM 4359). Extremophiles, 2009, 13, 345-354.	2.3	22
36	Identification of transglutaminase-mediated deamidation sites in a recombinant Î±-gliadin by advanced mass-spectrometric methodologies. Protein Science, 2009, 12, 2434-2442.	7.6	23

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37	Surface displaced alfa-enolase of <i>Lactobacillus plantarum</i> is a fibronectin binding protein. <i>Microbial Cell Factories</i> , 2009, 8, 14.	4.0	110
38	Proteomic investigation of the aggregation phenomenon in <i>Lactobacillus crispatus</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 335-342.	2.3	28
39	Cytotoxic and Apoptogenic Activity of a Methanolic Extract from the Marine Invertebrate <i>Ciona intestinalis</i> on Malignant Cell Lines. <i>Medicinal Chemistry</i> , 2008, 4, 106-109.	1.5	13
40	Fish Authentication by MALDI-TOF Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11071-11076.	5.2	145
41	Transamidation of Wheat Flour Inhibits the Response to Gliadin of Intestinal T Cells in Celiac Disease. <i>Gastroenterology</i> , 2007, 133, 780-789.	1.3	160
42	Gastrokine 1 expression in patients with and without <i>Helicobacter pylori</i> infection. <i>Digestive and Liver Disease</i> , 2007, 39, 122-129.	0.9	49
43	Biochemical and structural characterization of mammalian-like purine nucleoside phosphorylase from the Archaeon <i>Pyrococcus furiosus</i> . <i>FEBS Journal</i> , 2007, 274, 2482-2495.	4.7	13
44	CcpA affects expression of the groESL and dnaK operons in <i>Lactobacillus plantarum</i> . <i>Microbial Cell Factories</i> , 2006, 5, 35.	4.0	36
45	Shotgun proteomics for the characterization of subunit composition of mitochondrial complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1438-1450.	1.0	17
46	Bovine lactoferrin peptidic fragments involved in inhibition of Echovirus 6 in vitro infection. <i>Antiviral Research</i> , 2006, 69, 98-106.	4.1	45
47	Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry for the Discrimination of Food-Borne Microorganisms. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1180-1189.	3.1	134
48	Glycosylation site analysis of human alpha-1-acid glycoprotein (AGP) by capillary liquid chromatography-electrospray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005, 40, 1472-1483.	1.6	88
49	Dietary Effects of Copper and Iron Deficiency on Rat Intestine: A Differential Display Proteome Analysis. <i>Journal of Proteome Research</i> , 2005, 4, 1781-1788.	3.7	24
50	Proteolytic activity of bovine lactoferrin. <i>BioMetals</i> , 2004, 17, 249-255.	4.1	23
51	Immunochemical Detection of Formylated $\hat{3}^2$ -Casein in Cheese. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 649-654.	5.2	4
52	Heparin-interacting sites of bovine lactoferrin are involved in anti-adenovirus activity. <i>Journal of Medical Virology</i> , 2003, 69, 495-502.	5.0	67
53	Intranasal administration of a recombinant $\hat{1}\pm$ -gliadin down-regulates the immune response to wheat gliadin in DQ8 transgenic mice. <i>Immunology Letters</i> , 2003, 88, 127-134.	2.5	60
54	Involvement of bovine lactoferrin metal saturation, sialic acid and protein fragments in the inhibition of rotavirus infection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1528, 107-115.	2.4	93

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55	Intranasal Administration of One Alpha Gliadin Can Downregulate the Immune Response to Whole Gliadin in Mice. <i>Scandinavian Journal of Immunology</i> , 2001, 53, 290-295.	2.7	32
56	Assignment of the Complete Disulphide Bridge Pattern in the Human Recombinant Follitropin $\hat{\imath}^2$ -Chain. <i>Biological Chemistry</i> , 2001, 382, 961-8.	2.5	6
57	N-Linked glycans of proteins from mitral valves of normal pigs and pigs affected by endocardiosis. <i>FEBS Journal</i> , 2000, 267, 1299-1306.	0.2	6
58	$\hat{\imath}^2$ -Casomorphins: substitution of phenylalanine with $\hat{\imath}^2$ - homo phenylalanine increases the $\hat{\imath}^{1/4}$ -type opioid receptor affinity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1185-1188.	2.2	9
59	Modern Mass Spectrometric Methodologies in Monitoring Milk Quality. <i>Analytical Chemistry</i> , 2000, 72, 408-415.	6.5	93
60	Bovine Lactoferrin Peptidic Fragments Involved in Inhibition of Herpes Simplex Virus Type 1 Infection. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 19-23.	2.1	73
61	Analysis of human serum albumin variants by mass spectrometric procedures. <i>BBA - Proteins and Proteomics</i> , 1998, 1384, 79-92.	2.1	8
62	Structural characterization and independent folding of a chimeric glycoprotein comprising granulocyte-macrophage colony stimulating factor and erythropoietin sequences. <i>Glycobiology</i> , 1998, 8, 779-790.	2.5	4
63	Tachykinins and Other Biologically Active Peptides From the Skin of the Costa Rican Phyllomedusid Frog <i>Agalychnis callidryas</i> . <i>Peptides</i> , 1997, 18, 367-372.	2.4	45
64	The Lewis x epitope is a major non-reducing structure in the sulphated N-glycans attached to Asn-65 of bovine pro-opiomelanocortin. <i>Glycobiology</i> , 1993, 3, 225-239.	2.5	48
65	Human α -fetoprotein primary structure: a mass spectrometric study. <i>Biochemistry</i> , 1991, 30, 5061-5066.	2.5	39
66	Mass spectrometric identification of the amino donor and acceptor sites in a transglutaminase protein substrate secreted from rat seminal vesicles. <i>Biochemistry</i> , 1991, 30, 3114-3120.	2.5	51