Daniela Cecconi

List of Publications by Year
in descending order

93	3,116	126907	175258
papers	citations	33 h-index	52 g-index

97	97	97	4617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the Hidden Human Urinary Proteome via Ligand Library Beads. Journal of Proteome Research, 2005, 4, 1917-1930.	3.7	232
2	Selenite biotransformation and detoxification by Stenotrophomonas maltophilia SeITE02: Novel clues on the route to bacterial biogenesis of selenium nanoparticles. Journal of Hazardous Materials, 2017, 324, 3-14.	12.4	135
3	Protein nitration during defense response in Arabidopsis thaliana. Electrophoresis, 2009, 30, 2460-2468.	2.4	111
4	Proteomic changes involved in tenderization of bovine Longissimus dorsi muscle during prolonged ageing. Food Chemistry, 2012, 135, 2052-2069.	8.2	109
5	Proteomic analysis of Arabidopsis halleri shoots in response to the heavy metals cadmium and zinc and rhizosphere microorganisms. Proteomics, 2009, 9, 4837-4850.	2.2	105
6	Critical survey of quantitative proteomics in two-dimensional electrophoretic approaches. Journal of Chromatography A, 2004, 1051, 3-17.	3.7	100
7	Proteome analysis in the clinical chemistry laboratory: Myth or reality?. Clinica Chimica Acta, 2005, 357, 123-139.	1.1	99
8	Numerical approaches for quantitative analysis of two-dimensional maps: A review of commercial software and home-made systems. Proteomics, 2005, 5, 654-666.	2.2	98
9	Proteomic analysis of pancreatic cancer stem cells: Functional role of fatty acid synthesis and mevalonate pathways. Journal of Proteomics, 2017, 150, 310-322.	2.4	87
10	Extracellular Vesicles Mediate Mesenchymal Stromal Cell-Dependent Regulation of B Cell PI3K-AKT Signaling Pathway and Actin Cytoskeleton. Frontiers in Immunology, 2019, 10, 446.	4.8	73
11	Characterization of the Signaling Pathway Downstream p75 Neurotrophin Receptor Involved in Î²-Amyloid Peptide-Dependent Cell Death. Journal of Molecular Neuroscience, 2005, 25, 141-156.	2.3	67
12	Phospho-proteomic analysis of mantle cell lymphoma cells suggests a pro-survival role of B-cell receptor signaling. Cellular Oncology (Dordrecht), 2011, 34, 141-153.	4.4	65
13	Exploring the wound healing, anti-inflammatory, anti-pathogenic and proteomic effects of lactic acid bacteria on keratinocytes. Scientific Reports, 2020, 10, 11572.	3.3	62
14	Secretome protein signature of human pancreatic cancer stem-like cells. Journal of Proteomics, 2016, 136, 1-12.	2.4	61
15	The Anti-Apoptotic Effect of ASC-Exosomes in an In Vitro ALS Model and Their Proteomic Analysis. Cells, 2019, 8, 1087.	4.1	58
16	Proteomic analysis of the compatible interaction between Vitis vinifera and Plasmopara viticola. Journal of Proteomics, 2012, 75, 1284-1302.	2.4	56
17	The antioxidant uncoupling protein 2 stimulates hnRNPA2/B1, GLUT1 and PKM2 expression and sensitizes pancreas cancer cells to glycolysis inhibition. Free Radical Biology and Medicine, 2016, 101, 305-316.	2.9	56
18	Quantitative analysis of two-dimensional gel-separated proteins using isotopically marked alkylating agents and matrix-assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 1692-1698.	1.5	51

#	Article	IF	Citations
19	Pseudomonas putida Response to Cadmium: Changes in Membrane and Cytosolic Proteomes. Journal of Proteome Research, 2012, 11, 4169-4179.	3.7	51
20	Proteomic analysis of pancreatic ductal carcinoma cells treated with 5-aza-2'-deoxycytidine. Electrophoresis, 2003, 24, 4291-4303.	2.4	50
21	Application of partial least squares discriminant analysis and variable selection procedures: a 2D-PAGE proteomic study. Analytical and Bioanalytical Chemistry, 2008, 390, 1327-1342.	3.7	48
22	Proteomics in pancreatic cancer research. Proteomics, 2011, 11, 816-828.	2.2	47
23	Pancreatic ductal adenocarcinoma cell lines display a plastic ability to bi-directionally convert into cancer stem cells. International Journal of Oncology, 2015, 46, 1099-1108.	3.3	44
24	Dopaminergic therapies modulate the Tâ€CELL proteome of patients with Parkinson's disease. IUBMB Life, 2012, 64, 846-852.	3.4	43
25	A new integrated statistical approach to the diagnostic use of two-dimensional maps. Electrophoresis, 2003, 24, 225-236.	2.4	41
26	Proteomic analysis of Oenococcus oeni freezeâ€dried culture to assess the importance of cell acclimation to conduct malolactic fermentation in wine. Electrophoresis, 2009, 30, 2988-2995.	2.4	41
27	Proteomic approaches to decipher cancer cell secretome. Seminars in Cell and Developmental Biology, 2018, 78, 93-101.	5.0	41
28	Proteomic profiling of pancreatic ductal carcinoma cell lines treated with trichostatin-A. Electrophoresis, 2003, 24, 1871-1878.	2.4	39
29	Application of Three-Way Principal Component Analysis to the Evaluation of Two-Dimensional Maps in Proteomics. Journal of Proteome Research, 2003, 2, 351-360.	3.7	39
30	Discovery and verification of panels of T-lymphocyte proteins as biomarkers of Parkinson's disease. Scientific Reports, 2012, 2, 953.	3.3	38
31	Synergistic effect of trichostatin A and 5â€azaâ€2â€²â€deoxycytidine on growth inhibition of pancreatic endocrine tumour cell lines: A proteomic study. Proteomics, 2009, 9, 1952-1966.	2.2	37
32	Changes in amniotic fluid and umbilical cord serum proteomic profiles of foetuses with intrauterine growth retardation. Electrophoresis, 2011, 32, 3630-3637.	2.4	36
33	Pancreatic cancer stem cells: Perspectives on potential therapeutic approaches of pancreatic ductal adenocarcinoma. World Journal of Stem Cells, 2018, 10, 172-182.	2.8	36
34	Proteomic analysis of pancreatic endocrine tumor cell lines treated with the histone deacetylase inhibitor trichostatin A. Proteomics, 2007, 7, 1644-1653.	2.2	34
35	Trichostatin A alters cytoskeleton and energy metabolism of pancreatic adenocarcinoma cells: An in depth proteomic study. Journal of Cellular Biochemistry, 2018, 119, 2696-2707.	2.6	34
36	Proteomic analysis of rat cortical neurons after fluoxetine treatment. Brain Research, 2007, 1135, 41-51.	2.2	33

#	Article	IF	Citations
37	The Proteome: Anno Domini 2002. Clinical Chemistry and Laboratory Medicine, 2003, 41, 425-38.	2.3	31
38	Identification of the regulatory proteins in human pancreatic cancers treated with Trichostatin A by 2D-PAGE maps and multivariate statistical analysis. Analytical and Bioanalytical Chemistry, 2004, 379, 992-1003.	3.7	31
39	Expression of Î±-amylase inhibitors in diploid Triticum species. Food Chemistry, 2012, 135, 2643-2649.	8.2	30
40	Purification and characterization of ribosomal proteins L27 and L30 having antimicrobial activity produced by theLactobacillus salivariusSGL 03. Journal of Applied Microbiology, 2018, 124, 398-407.	3.1	30
41	Signal transduction pathways of mantle cell lymphoma: A phosphoproteomeâ€based study. Proteomics, 2008, 8, 4495-4506.	2.2	28
42	Escherichia coli ST131 Producing Extended-Spectrum Â-Lactamases Plus VIM-1 Carbapenemase: Further Narrowing of Treatment Options. Clinical Infectious Diseases, 2011, 52, 690-691.	5.8	26
43	Myristic acid induces proteomic and secretomic changes associated with steatosis, cytoskeleton remodeling, endoplasmic reticulum stress, protein turnover and exosome release in HepG2 cells. Journal of Proteomics, 2018, 181, 118-130.	2.4	24
44	Proteomic Analysis of Pancreatic Ductal Carcinoma Cells after Combined Treatment with Gemcitabine and Trichostatin A. Journal of Proteome Research, 2005, 4, 1909-1916.	3.7	23
45	Can half-marathon affect overall health? The yin-yang of sport. Journal of Proteomics, 2018, 170, 80-87.	2.4	23
46	Proteomic analysis of lymphoid and haematopoietic neoplasms: There's more than biomarker discovery. Journal of Proteomics, 2010, 73, 508-520.	2.4	22
47	Integrated serum proteins and fatty acids analysis for putative biomarker discovery in inflammatory bowel disease. Journal of Proteomics, 2019, 195, 138-149.	2.4	22
48	Induction of Apoptosis in Jeko-1 Mantle Cell Lymphoma Cell Line by Resveratrol: A Proteomic Analysis. Journal of Proteome Research, 2008, 7, 2670-2680.	3.7	21
49	New Insights into the Runt Domain of RUNX2 in Melanoma Cell Proliferation and Migration. Cells, 2018, 7, 220.	4.1	21
50	Mining cancer biology through bioinformatic analysis of proteomic data. Expert Review of Proteomics, 2019, 16, 733-747.	3.0	21
51	Local and Systemic Proteomic Changes in Medicago Truncatula at an Early Phase of Sinorhizobium meliloti Infection. Journal of Proteome Research, 2014, 13, 408-421.	3.7	20
52	Proteomic approaches for studying chemoresistance in cancer. Expert Review of Proteomics, 2005, 2, 215-228.	3.0	19
53	Effect of tannic acid on Lactobacillus plantarum wine strain during starvation: A proteomic study. Electrophoresis, 2009, 30, 957-965.	2.4	19
54	Runx2 stimulates neoangiogenesis through the Runt domain in melanoma. Scientific Reports, 2019, 9, 8052.	3.3	19

#	Article	IF	Citations
55	Pros and cons of peptide isolectric focusing in shotgun proteomics. Journal of Chromatography A, 2013, 1293, 1-9.	3.7	18
56	Post-harvest proteomics of grapes infected by Penicillium during withering to produce Amarone wine. Food Chemistry, 2016, 199, 639-647.	8.2	18
57	Molecular Characterization of Acinetobacter Isolates Collected in Intensive Care Units of Six Hospitals in Florence, Italy, during a 3-Year Surveillance Program: a Population Structure Analysis. Journal of Clinical Microbiology, 2010, 48, 1297-1304.	3.9	17
58	Study on the Immunoreactivity of Triticum monococcum (Einkorn) Wheat in Patients with Wheat-Dependent Exercise-Induced Anaphylaxis for the Production of Hypoallergenic Foods. Journal of Agricultural and Food Chemistry, 2015, 63, 8299-8306.	5.2	17
59	Progressively De-Differentiated Pancreatic Cancer Cells Shift from Glycolysis to Oxidative Metabolism and Gain a Quiescent Stem State. Cells, 2020, 9, 1572.	4.1	17
60	Integrated lipidomics and proteomics reveal cardiolipin alterations, upregulation of HADHA and long chain fatty acids in pancreatic cancer stem cells. Scientific Reports, 2021, 11, 13297.	3.3	17
61	Proteomic changes in rat serum, polymorphonuclear and mononuclear leukocytes after chronic nicotine administration. Proteomics, 2005, 5, 1382-1394.	2.2	16
62	Comparative proteomic and phosphoproteomic profiling of pancreatic adenocarcinoma cells treated with <scp>CB</scp>1 or <scp>CB</scp>2 agonists. Electrophoresis, 2013, 34, 1359-1368.	2.4	16
63	Female urinary proteomics: New insight into exogenous and physiological hormoneâ€dependent changes. Proteomics - Clinical Applications, 2011, 5, 343-353.	1.6	15
64	A proteomic approach for evaluating the cell response to a novel histone deacetylase inhibitor in colon cancer cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 1702-1710.	2.3	14
65	Investigating the Proteomic Profile of HT-29 Colon Cancer Cells After Lactobacillus kefiri SGL 13 Exposure Using the SWATH Method. Journal of the American Society for Mass Spectrometry, 2019, 30, 1690-1699.	2.8	13
66	Proteomic and Ultrastructural Analysis of Celluliteâ€"New Findings on an Old Topic. International Journal of Molecular Sciences, 2020, 21, 2077.	4.1	13
67	The Positive Association between Plasma Myristic Acid and ApoCIII Concentrations in Cardiovascular Disease Patients Is Supported by the Effects of Myristic Acid in HepG2 Cells. Journal of Nutrition, 2020, 150, 2707-2715.	2.9	11
68	Serum proteomic analysis during nicotine selfâ€administration, extinction and relapse in rats. Electrophoresis, 2008, 29, 1525-1533.	2.4	10
69	Sialylated isoforms of apolipoprotein C-III and plasma lipids in subjects with coronary artery disease. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1542-1550.	2.3	10
70	An integrated approach identifies new oncotargets in melanoma. Oncotarget, 2018, 9, 11489-11502.	1.8	10
71	Proteomics of human cancer tissues and cells. TrAC - Trends in Analytical Chemistry, 2011, 30, 346-359.	11.4	9
72	Red wine proteins: Two dimensional (2-D) electrophoresis and mass spectrometry analysis. Food Chemistry, 2014, 164, 413-417.	8.2	9

#	Article	IF	Citations
73	The Mutant p53-Driven Secretome Has Oncogenic Functions in Pancreatic Ductal Adenocarcinoma Cells. Biomolecules, 2020, 10, 884.	4.0	8
74	Proteomic Analysis of Cellular Response to Novel Proapoptotic Agents Related to Atypical Retinoids in Human IGROV-1 Ovarian Carcinoma Cells. Journal of Proteome Research, 2011, 10, 1191-1207.	3.7	6
75	Kohonen Artificial Neural Network and Multivariate Analysis in the Identification of Proteome Changes during Early and Long Aging of Bovine Longissimus dorsi Muscle Using SWATH Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2021, 69, 11512-11522.	5.2	6
76	Improved instrumentation for largeâ€size twoâ€dimensional protein maps. Electrophoresis, 2010, 31, 3863-3866.	2.4	5
77	Grapevine Downy Mildew <i>Plasmopara viticola</i> Infection Elicits the Expression of Allergenic Pathogenesis-Related Proteins. International Archives of Allergy and Immunology, 2015, 168, 90-95.	2.1	5
78	IEF peptide fractionation method combined to shotgun proteomics enhances the exploration of rice milk proteome. Analytical Biochemistry, 2017, 537, 72-77.	2.4	5
79	Glucose/Ribitol Dehydrogenase and 16.9 kDa Class I Heat Shock Protein 1 as Novel Wheat Allergens in Bakerâ€™s Respiratory Allergy. Molecules, 2022, 27, 1212.	3.8	5
80	Pseudomonas aeruginosaSepsis in Stem Cell Transplantation Patients. Infection Control and Hospital Epidemiology, 2006, 27, 767-770.	1.8	4
81	GENOCOP algorithm and hierarchical grid transformation for image warping of two dimensional gel eletrophoretic maps. Molecular BioSystems, 2012, 8, 975.	2.9	4
82	Polar Electrophoresis: Shape of Two-Dimensional Maps Is as Important as Size. PLoS ONE, 2012, 7, e30911.	2.5	4
83	Tissue proteomics of splenic marginal zone lymphoma. Electrophoresis, 2015, 36, 1612-1621.	2.4	4
84	Tumor Suppressor Role of Wild-Type P53-Dependent Secretome and Its Proteomic Identification in PDAC. Biomolecules, 2022, 12, 305.	4.0	4
85	Molecular Surveillance and Population Structure Analysis of Methicillin-Susceptible and Methicillin-Resistant Staphylococcus aureus in High-Risk Wards. Journal of Clinical Microbiology, 2009, 47, 3246-3254.	3.9	3
86	Urinary protease inhibitor Serpin B3 is higher in women and is further increased in female patients affected by aldosterone producing adenoma. Molecular BioSystems, 2014, 10, 1281.	2.9	3
87	Plasma Proteome Profiles of Stable CAD Patients Stratified According to Total Apo Câ€III Levels. Proteomics - Clinical Applications, 2019, 13, e1800023.	1.6	3
88	Comparative Evaluation of Software Features and Performances. Methods in Molecular Biology, 2016, 1384, 69-78.	0.9	3
89	2D immunomic approach for the study of IgG autoantibodies in the experimental model of multiple sclerosis. Journal of Neuroimmunology, 2011, 232, 63-67.	2.3	2
90	Acute Sarcomeric M-Line Disease Associated With ATP Synthase Subunit Î± Autoantibodies in Ankylosing Spondylitis. Journal of Neuropathology and Experimental Neurology, 2018, 77, 987-992.	1.7	2

#	Article	IF	Citations
91	Protein Secretion Prediction Tools and Extracellular Vesicles Databases. Methods in Molecular Biology, 2021, 2361, 213-227.	0.9	2
92	Application of fuzzy logic principles to the classification of 2D-PAGE maps belonging to human pancreatic cancers treated with Trichostatin-A. , 0, , .		1
93	Improvements to polar 2-D electrophoresis for proteomic applications. Amino Acids, 2014, 46, 1143-1146.	2.7	0