

Chiara D'ambrosio

List of Publications by Year in descending order

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93
papers

4,359
citations

87888

38
h-index

114465

63
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94
all docs

94
docs citations

94
times ranked

5834
citing authors

#	ARTICLE	IF	CITATIONS
1	APE1/Ref-1 Interacts with NPM1 within Nucleoli and Plays a Role in the rRNA Quality Control Process. <i>Molecular and Cellular Biology</i> , 2009, 29, 1834-1854.	2.3	209
2	Biochemical characterization and bacterial expression of an odorant-binding protein from <i>Locusta migratoria</i> . <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 390-400.	5.4	174
3	Soluble proteins of chemical communication in the social wasp <i>Polistes dominulus</i> . <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1933-1943.	5.4	154
4	Proteins from bovine tissues and biological fluids: Defining a reference electrophoresis map for liver, kidney, muscle, plasma and red blood cells. <i>Proteomics</i> , 2003, 3, 440-460.	2.2	152
5	Exploring the Chicken Egg White Proteome with Combinatorial Peptide Ligand Libraries. <i>Journal of Proteome Research</i> , 2008, 7, 3461-3474.	3.7	150
6	Proteomic analysis of tomato fruits from two ecotypes during ripening. <i>Proteomics</i> , 2006, 6, 3781-3791.	2.2	148
7	The Structure of <i>Rigidoporus lignosus</i> Laccase Containing a Full Complement of Copper Ions, Reveals an Asymmetrical Arrangement for the T3 Copper Pair. <i>Journal of Molecular Biology</i> , 2004, 342, 1519-1531.	4.2	140
8	Glomerular Autoimmune Multicomponents of Human Lupus Nephritis In Vivo. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2483-2498.	6.1	112
9	Mammalian APE1 controls miRNA processing and its interactome is linked to cancer RNA metabolism. <i>Nature Communications</i> , 2017, 8, 797.	12.8	107
10	Critical lysine residues within the overlooked N-terminal domain of human APE1 regulate its biological functions. <i>Nucleic Acids Research</i> , 2010, 38, 8239-8256.	14.5	105
11	Transcriptomic and proteomic analysis of a compatible tomato-aphid interaction reveals a predominant salicylic acid-dependent plant response. <i>BMC Genomics</i> , 2013, 14, 515.	2.8	103
12	Nucleolar accumulation of APE1 depends on charged lysine residues that undergo acetylation upon genotoxic stress and modulate its BER activity in cells. <i>Molecular Biology of the Cell</i> , 2012, 23, 4079-4096.	2.1	99
13	A proteomic characterization of water buffalo milk fractions describing PTM of major species and the identification of minor components involved in nutrient delivery and defense against pathogens. <i>Proteomics</i> , 2008, 8, 3657-3666.	2.2	94
14	Dairy products and the Maillard reaction: A promising future for extensive food characterization by integrated proteomics studies. <i>Food Chemistry</i> , 2017, 219, 477-489.	8.2	92
15	A proteomic approach to identify early molecular targets of oxidative stress in human epithelial lens cells. <i>Biochemical Journal</i> , 2004, 378, 929-937.	3.7	91
16	Genome-wide analysis and proteomic studies reveal APE1/Ref-1 multifunctional role in mammalian cells. <i>Proteomics</i> , 2009, 9, 1058-1074.	2.2	90
17	Structure, conformation and biological activity of a novel lipodepsipeptide from <i>Pseudomonas corrugata</i> : cormycin A1. <i>Biochemical Journal</i> , 2004, 384, 25-36.	3.7	86
18	Transcription regulation by the adaptor protein Fe65 and the nucleosome assembly factor SET. <i>EMBO Reports</i> , 2005, 6, 77-82.	4.5	86

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19	Proteomic analysis of apricot fruit during ripening. <i>Journal of Proteomics</i> , 2013, 78, 39-57.	2.4	76
20	SIRT1 gene expression upon genotoxic damage is regulated by APE1 through nCaRE-promoter elements. <i>Molecular Biology of the Cell</i> , 2014, 25, 532-547.	2.1	74
21	Non-enzymatic glycation and glycoxidation protein products in foods and diseases: An interconnected, complex scenario fully open to innovative proteomic studies. <i>Mass Spectrometry Reviews</i> , 2014, 33, 49-77.	5.4	71
22	Cooperative activity of Ref-1/APE and ERp57 in reductive activation of transcription factors. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1113-1123.	2.9	69
23	Oxidized Transthyretin in Amniotic Fluid as an Early Marker of Preeclampsia. <i>Journal of Proteome Research</i> , 2007, 6, 160-170.	3.7	65
24	Proteomic analysis of the major soluble components in Annurca apple flesh. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 255-262.	3.3	62
25	Knock-in reconstitution studies reveal an unexpected role of Cys-65 in regulating APE1/Ref-1 subcellular trafficking and function. <i>Molecular Biology of the Cell</i> , 2011, 22, 3887-3901.	2.1	62
26	The expression of tomato prosystemin gene in tobacco plants highly affects host proteomic repertoire. <i>Journal of Proteomics</i> , 2008, 71, 176-185.	2.4	59
27	New role for leucyl aminopeptidase in glutathione turnover. <i>Biochemical Journal</i> , 2004, 378, 35-44.	3.7	58
28	Overoxidation of peroxiredoxins as an immediate and sensitive marker of oxidative stress in HepG2 cells and its application to the redox effects induced by ischemia/reperfusion in human liver. <i>Free Radical Research</i> , 2005, 39, 255-268.	3.3	58
29	Proteome analysis of <i>Neisseria meningitidis</i> serogroup A. <i>Proteomics</i> , 2004, 4, 2893-2926.	2.2	57
30	Hyperphosphorylation of JNK-interacting Protein 1, a Protein Associated with Alzheimer Disease. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 97-113.	3.8	57
31	A proteomic study on human osteoblastic cells proliferation and differentiation. <i>Proteomics</i> , 2006, 6, 3520-3532.	2.2	55
32	Proteomic analysis of liver tissues subjected to early ischemia/reperfusion injury during human orthotopic liver transplantation. <i>Proteomics</i> , 2006, 6, 3455-3465.	2.2	53
33	Antimicrobial peptide induction in the haemolymph of the Mexican scorpion <i>Centruroides limpidus limpidus</i> in response to septic injury. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 1507-1519.	5.4	51
34	A study of <i>Streptococcus thermophilus</i> proteome by integrated analytical procedures and differential expression investigations. <i>Proteomics</i> , 2006, 6, 181-192.	2.2	51
35	Growth Factor Receptor-bound Protein 2 Interaction with the Tyrosine-phosphorylated Tail of Amyloid β Precursor Protein Is Mediated by Its Src Homology 2 Domain. <i>Journal of Biological Chemistry</i> , 2004, 279, 25374-25380.	3.4	50
36	Probing the Dimeric Structure of Porcine Aminoacylase 1 by Mass Spectrometric and Modeling Procedures. <i>Biochemistry</i> , 2003, 42, 4430-4443.	2.5	47

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37	Overexpression of 14-3-3 proteins enhances cold tolerance and increases levels of stress-responsive proteins of Arabidopsis plants. <i>Plant Science</i> , 2019, 289, 110215.	3.6	47
38	Comparative proteomic analysis of mammalian animal tissues and body fluids: bovine proteome database. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 815, 157-168.	2.3	44
39	Integrated analytical approach in veal calves administered the anabolic androgenic steroids boldenone and boldione: urine and plasma kinetic profile and changes in plasma protein expression. <i>Proteomics</i> , 2007, 7, 3184-3193.	2.2	39
40	Gambling on putative biomarkers of osteoarthritis and osteochondrosis by equine synovial fluid proteomics. <i>Journal of Proteomics</i> , 2012, 75, 4478-4493.	2.4	37
41	Aurora-A recruitment and centrosomal maturation are regulated by a Golgi-activated pool of Src during G2. <i>Nature Communications</i> , 2016, 7, 11727.	12.8	37
42	<i>Helicobacter pylori</i> immunoproteomes in case reports of rosacea and chronic urticaria. <i>Proteomics</i> , 2005, 5, 777-787.	2.2	34
43	An Odorant-Binding Protein Is Abundantly Expressed in the Nose and in the Seminal Fluid of the Rabbit. <i>PLoS ONE</i> , 2014, 9, e111932.	2.5	34
44	Identification of miR-494 direct targets involved in senescence of human diploid fibroblasts. <i>FASEB Journal</i> , 2014, 28, 3720-3733.	0.5	34
45	Identification of a microRNA (miR-663a) induced by ER stress and its target gene PLOD3 by a combined microRNome and proteome approach. <i>Cell Biology and Toxicology</i> , 2016, 32, 285-303.	5.3	33
46	The cytosolic chaperone \pm -Crystallin B rescues appropriate folding and compartmentalization of misfolded multispan transmembrane proteins. <i>Journal of Cell Science</i> , 2013, 126, 4160-72.	2.0	31
47	Differential representation of albumins and globulins during grain development in durum wheat and its possible functional consequences. <i>Journal of Proteomics</i> , 2017, 162, 86-98.	2.4	31
48	Identification of the Ligands of Protein Interaction Domains through a Functional Approach. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 333-345.	3.8	30
49	Analytical methodologies for the detection and structural characterization of phosphorylated proteins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 849, 163-180.	2.3	30
50	BRCA1 modulates the expression of hnRNPA2B1 and KHSRP. <i>Cell Cycle</i> , 2010, 9, 4666-4673.	2.6	30
51	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
52	Multiple plasma proteins control atrial natriuretic peptide (ANP) aggregation. <i>Journal of Molecular Endocrinology</i> , 2004, 33, 335-341.	2.5	27
53	Proteomic evaluation of core biopsy specimens from breast lesions. <i>Cancer Letters</i> , 2004, 204, 79-86.	7.2	27
54	âœœCheek-to-cheekâœœ urinary proteome profiling via combinatorial peptide ligand libraries: A novel, unexpected elution system. <i>Journal of Proteomics</i> , 2012, 75, 796-805.	2.4	27

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55	APE1 polymorphic variants cause persistent genomic stress and affect cancer cell proliferation. <i>Oncotarget</i> , 2016, 7, 26293-26306.	1.8	27
56	Secretory Proteins as Potential Semiochemical Carriers in the Horse. <i>Biochemistry</i> , 2006, 45, 13418-13428.	2.5	25
57	Proteomic Signatures in Thapsigargin-Treated Hepatoma Cells. <i>Chemical Research in Toxicology</i> , 2011, 24, 1215-1222.	3.3	25
58	Mechanistic studies on bovine cytosolic 5'-nucleotidase II, an enzyme belonging to the HAD superfamily. <i>FEBS Journal</i> , 2004, 271, 4881-4891.	0.2	24
59	A widespread picture of the <i>Streptococcus thermophilus</i> proteome by cell lysate fractionation and gel-based/gel-free approaches. <i>Proteomics</i> , 2007, 7, 1420-1433.	2.2	24
60	Combinatorial peptide ligand libraries for the analysis of low-expression proteins: Validation for normal urine and definition of a first protein MAP. <i>Proteomics</i> , 2012, 12, 509-515.	2.2	22
61	Architecture of The Human Ape1 Interactome Defines Novel Cancers Signatures. <i>Scientific Reports</i> , 2020, 10, 28.	3.3	22
62	Increased anaerobic metabolism is a distinctive signature in a colorectal cancer cellular model of resistance to anti-epidermal growth factor receptor antibody. <i>Proteomics</i> , 2013, 13, 866-877.	2.2	21
63	A differential proteomic approach to identify proteins associated with thyroid cell transformation. <i>Journal of Molecular Endocrinology</i> , 2005, 34, 199-207.	2.5	20
64	DNA-binding Activity of the ERp57 C-terminal Domain Is Related to a Redox-dependent Conformational Change. <i>Journal of Biological Chemistry</i> , 2007, 282, 10299-10310.	3.4	20
65	Small HDL form via apo A-I a complex with atrial natriuretic peptide. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 16-21.	2.1	18
66	Fibromodulin Gene Transcription Is Induced by Ultraviolet Irradiation, and Its Regulation Is Impaired in Senescent Human Fibroblasts. <i>Journal of Biological Chemistry</i> , 2005, 280, 31809-31817.	3.4	18
67	Low-protein/high-carbohydrate diet induces AMPK-dependent canonical and non-canonical thermogenesis in subcutaneous adipose tissue. <i>Redox Biology</i> , 2020, 36, 101633.	9.0	18
68	Nucleotide receptors stimulation by extracellular ATP controls Hsp90 expression through APE1/Ref-1 in thyroid cancer cells: A novel tumorigenic pathway. <i>Journal of Cellular Physiology</i> , 2006, 209, 44-55.	4.1	17
69	A combined ANXA2-NDRG1-STAT1 gene signature predicts response to chemoradiotherapy in cervical cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 279.	8.6	16
70	Proteomic analysis reveals novel common genes modulated in both replicative and stress-induced senescence. <i>Journal of Proteomics</i> , 2015, 128, 18-29.	2.4	15
71	Tuberomics: a molecular profiling for the adaption of edible fungi (<i>Tuber magnatum</i> Pico) to different natural environments. <i>BMC Genomics</i> , 2020, 21, 90.	2.8	15
72	Mass Spectrometric Characterization of Proteins Modified by Nitric Oxide-Derived Species. <i>Methods in Enzymology</i> , 2008, 440, 3-15.	1.0	11

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73	Mass Spectrometry-Based Approaches for Structural Studies on Protein Complexes at Low-Resolution. <i>Current Proteomics</i> , 2007, 4, 1-16.	0.3	10
74	Mapping phosphoproteins in <i>Neisseria meningitidis</i> serogroup A. <i>Proteomics</i> , 2011, 11, 1351-1358.	2.2	10
75	DNAJC17 is localized in nuclear speckles and interacts with splicing machinery components. <i>Scientific Reports</i> , 2018, 8, 7794.	3.3	10
76	Identification of RNA-binding proteins that partner with Lin28a to regulate Dnmt3a expression. <i>Scientific Reports</i> , 2021, 11, 2345.	3.3	10
77	Selective Ion Tracing and MSn Analysis of Peptide Digests from FSBA-Treated Kinases for the Analysis of Protein ATP-Binding Sites. <i>Journal of Proteome Research</i> , 2006, 5, 2019-2024.	3.7	9
78	Urine proteome analysis in Dent's disease shows high selective changes potentially involved in chronic renal damage. <i>Journal of Proteomics</i> , 2016, 130, 26-32.	2.4	9
79	AMOTL2 interaction with TAZ causes the inhibition of surfactant proteins expression in lung cells. <i>Gene</i> , 2013, 529, 300-306.	2.2	8
80	Combinatorial Peptide Ligand Library and two dimensional electrophoresis: New frontiers in the study of peritoneal dialysis effluent in pediatric patients. <i>Journal of Proteomics</i> , 2015, 116, 68-80.	2.4	8
81	An α -B-Crystallin Peptide Rescues Compartmentalization and Trafficking Response to Cu Overload of ATP7B-H1069Q, the Most Frequent Cause of Wilson Disease in the Caucasian Population. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1892.	4.1	8
82	Study on prevalence and bacterial etiology of mastitis, and effects of subclinical mastitis and stage of lactation on SCC in dairy goats in Egypt. <i>Tropical Animal Health and Production</i> , 2020, 52, 3091-3097.	1.4	8
83	A comparative study of carbonic anhydrase activity in lymphocytes from colorectal cancer tissues and adjacent healthy counterparts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1651-1655.	5.2	8
84	Poly(ADP-ribose) polymerase 1 binds to Pax8 and inhibits its transcriptional activity. <i>Journal of Molecular Endocrinology</i> , 2008, 41, 379-388.	2.5	7
85	Effect of short-term water restriction on oxidative and inflammatory status of sheep (<i>Ovis aries</i>) reared in Southern Italy. <i>Small Ruminant Research</i> , 2018, 162, 77-84.	1.2	6
86	Cleavage of the APE1 N-Terminal Domain in Acute Myeloid Leukemia Cells Is Associated with Proteasomal Activity. <i>Biomolecules</i> , 2020, 10, 531.	4.0	6
87	A Differential Proteomic Approach Reveals an Evolutionary Conserved Regulation of Nme Proteins by Fe65 in <i>C.Ælegans</i> and Mouse. <i>Neurochemical Research</i> , 2008, 33, 2547-2555.	3.3	5
88	Proteomic Analysis of Sera from Common Variable Immunodeficiency Patients Undergoing Replacement Intravenous Immunoglobulin Therapy. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-10.	3.0	4
89	Novel Biomarkers of Mastitis in Goat Milk Revealed by MALDI-TOF-MS-Based Peptide Profiling. <i>Biology</i> , 2020, 9, 193.	2.8	4
90	Inhibition of <i>PID1/NYGGF4/PCLI1</i> gene expression highlights its role in the early events of the cell cycle in NIH3T3 fibroblasts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 45-53.	5.2	2

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91	A Proteomic Approach to Study Escherichia coli. Acetyl Esterase Interactors Unveil a Sequence Motif Involved in Protein-Protein Interaction. Protein and Peptide Letters, 2008, 15, 333-340.	0.9	1
92	Proteomic Characterization of Nonenzymatic Modifications Induced in Bovine Milk Following Thermal Treatments. , 2017, , 241-260.		1
93	Bovine hemoglobin polymorphism: a novel alpha-globin variant identified in the Agerolese breed from southern Italy. Czech Journal of Animal Science, 2015, 60, 145-151.	1.3	0