

Armando Negri

List of Publications by Year in descending order

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77
papers

2,308
citations

159585

30
h-index

233421

45
g-index

77
all docs

77
docs citations

77
times ranked

2493
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Proteome and Behavioural Analysis in Wild Type, BDNF+/Δ and BDNFΔ/Δ Adult Zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT / Ov 5606.	4.1	4
2	Proteomic Analysis Reveals a Mitochondrial Remodeling of $\hat{2}$ TC3 Cells in Response to Nanotopography. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 508.	3.7	14
3	High-Resolution Mass Spectrometry-Based Approaches for the Detection and Quantification of Peptidase Activity in Plasma. <i>Molecules</i> , 2020, 25, 4071.	3.8	10
4	Cluster-assembled zirconia substrates promote long-term differentiation and functioning of human islets of Langerhans. <i>Scientific Reports</i> , 2018, 8, 9979.	3.3	37
5	Proteomic profile of maternal-aged blastocoel fluid suggests a novel role for ubiquitin system in blastocyst quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 225-238.	2.5	17
6	Proteomic analysis of the secretome of human bone marrow-derived mesenchymal stem cells primed by pro-inflammatory cytokines. <i>Journal of Proteomics</i> , 2017, 166, 115-126.	2.4	80
7	Proteomic Dissection of Nanotopography-Sensitive Mechanotransductive Signaling Hubs that Foster Neuronal Differentiation in PC12 Cells. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 417.	3.7	39
8	Set up of a protocol for rat plasma peptidomics in hemorrhagic shock model in presence of heparin. <i>EuPA Open Proteomics</i> , 2016, 12, 1-3.	2.5	3
9	Subtle reproductive impairment through nitric oxide-mediated mechanisms in sea urchins from an area affected by harmful algal blooms. <i>Scientific Reports</i> , 2016, 6, 26086.	3.3	27
10	Peptidomic Analysis of Rat Plasma. <i>Shock</i> , 2016, 45, 540-554.	2.1	31
11	Effect of fetal bovine serum in culture media on MS analysis of mesenchymal stromal cells secretome. <i>EuPA Open Proteomics</i> , 2016, 10, 28-30.	2.5	29
12	Conversion of nanoscale topographical information of cluster-assembled zirconia surfaces into mechanotransductive events promotes neuronal differentiation. <i>Journal of Nanobiotechnology</i> , 2016, 14, 18.	9.1	95
13	A new bioadhesive material from fish parasite <i>Neobenedenia girellae</i> . <i>Journal of Proteomics</i> , 2014, 110, 1-6.	2.4	3
14	Sperm ubiquitination in epididymal feline semen. <i>Theriogenology</i> , 2014, 82, 636-642.	2.1	31
15	Nitric oxide synthase mediates PC12 differentiation induced by the surface topography of nanostructured TiO ₂ . <i>Journal of Nanobiotechnology</i> , 2013, 11, 35.	9.1	59
16	Synthesis of Multifunctional PAMAM- \hat{C} Aminoglycoside Conjugates with Enhanced Transfection Efficiency. <i>Bioconjugate Chemistry</i> , 2013, 24, 1928-1936.	3.6	38
17	Identification in Lupin Seed of a Serine-Endopeptidase Activity Cleaving between Twin Arginine Pairs and Causing Limited Proteolysis of Seed Storage Proteins. <i>Molecular Plant</i> , 2012, 5, 1011-1019.	8.3	5
18	Protein nitration as footprint of oxidative stress-related nitric oxide signaling pathways in developing <i>Ciona intestinalis</i> . <i>Nitric Oxide - Biology and Chemistry</i> , 2012, 27, 18-24.	2.7	16

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19	Assays of d-Amino Acid Oxidases. <i>Methods in Molecular Biology</i> , 2012, 794, 381-395.	0.9	12
20	In search of sustainable chemical processes: cloning, recombinant expression, and functional characterization of the 7 α - and 7 β -hydroxysteroid dehydrogenases from <i>Clostridium absonum</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 1221-1233.	3.6	58
21	Protein pattern of <i>Xenopus laevis</i> embryos grown in simulated microgravity. <i>Cell Biology International</i> , 2011, 35, 249-258.	3.0	24
22	Biochemical and Functional Characterization of an Albumin Protein Belonging to the Hemopexin Superfamily from <i>Lens culinaris</i> Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9637-9644.	5.2	10
23	On the catalytic role of the active site residue E121 of <i>E. coli</i> l-aspartate oxidase. <i>Biochimie</i> , 2010, 92, 1335-1342.	2.6	13
24	Serological proteome analysis of <i>Staphylococcus aureus</i> isolated from sub-clinical mastitis. <i>Veterinary Microbiology</i> , 2009, 134, 388-391.	1.9	23
25	Tau is Endogenously Nitrated in Mouse Brain: Identification of a Tyrosine Residue Modified In Vivo by NO. <i>Neurochemical Research</i> , 2008, 33, 518-525.	3.3	14
26	Identification and characterization of a Bowman-Birk inhibitor active towards trypsin but not chymotrypsin in <i>Lupinus albus</i> seeds. <i>Phytochemistry</i> , 2008, 69, 1820-1825.	2.9	49
27	Characterization of l-aspartate oxidase and quinolinate synthase from <i>Bacillus subtilis</i> . <i>FEBS Journal</i> , 2008, 275, 5090-5107.	4.7	39
28	Characterization of cell wall associated proteins of a <i>Staphylococcus aureus</i> isolated from bovine mastitis case by a proteomic approach. <i>Veterinary Microbiology</i> , 2007, 119, 240-247.	1.9	38
29	Tyrosine Nitration is a Novel Post-translational Modification Occurring on the Neural Intermediate Filament Protein Peripherin. <i>Neurochemical Research</i> , 2007, 32, 433-441.	3.3	22
30	Prion protein from <i>Xenopus laevis</i> : Overexpression in <i>Escherichia coli</i> of the His-tagged protein and production of polyclonal antibodies. <i>Protein Expression and Purification</i> , 2006, 46, 489-494.	1.3	6
31	Inhibitory properties and solution structure of a potent Bowman-Birk protease inhibitor from lentil (<i>Lens culinaris</i> , L) seeds. <i>FEBS Journal</i> , 2006, 273, 4024-4039.	4.7	37
32	Characterization of nitroproteome in neuron-like PC12 cells differentiated with nerve growth factor: Identification of two nitration sites in β -tubulin. <i>Proteomics</i> , 2005, 5, 2422-2432.	2.2	49
33	The unexpected structural role of glutamate synthase [4Fe-4S] ^{+1,+2} clusters as demonstrated by site-directed mutagenesis of conserved C residues at the N-terminus of the enzyme β subunit. <i>Archives of Biochemistry and Biophysics</i> , 2005, 436, 355-366.	3.0	10
34	The nitration of β , protein in neurone-like PC12 cells. <i>FEBS Letters</i> , 2004, 562, 35-39.	2.8	27
35	Structure of FAD-Bound l-Aspartate Oxidase: Insight into Substrate Specificity and Catalysis. <i>Biochemistry</i> , 2002, 41, 3018-3024.	2.5	67
36	Biochemical and Crystallographic Characterization of Ferredoxin-NADP+Reductase from Nonphotosynthetic Tissues. <i>Biochemistry</i> , 2001, 40, 14501-14508.	2.5	58

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37	Probing the Active Site of L-Aspartate Oxidase by Site-Directed Mutagenesis: Role of Basic Residues in Fumarate Reduction. <i>Biochemistry</i> , 2001, 40, 4738-4744.	2.5	38
38	Purification and primary structure of a new bovine spermadhesin. <i>FEBS Journal</i> , 2000, 267, 6175-6179.	0.2	26
39	Isolation of the epithiospecifier protein from oil-rape (<i>Brassica napus</i> ssp. <i>oleifera</i>) seed and its characterization. <i>FEBS Letters</i> , 2000, 467, 296-298.	2.8	73
40	Crystallization of L-aspartate oxidase, the first enzyme in the bacterial de novo biosynthesis of NAD. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 549-551.	2.5	4
41	Covalent flavinylation of L-aspartate oxidase from <i>Escherichia coli</i> using N ⁶ -(6-carboxyhexyl)-FAD succinimidoester. <i>The Protein Journal</i> , 1999, 18, 671-676.	1.1	3
42	Purification of beef kidney d-aspartate oxidase overexpressed in <i>Escherichia coli</i> and characterization of its redox potentials and oxidative activity towards agonists and antagonists of excitatory amino acid receptors. <i>BBA - Proteins and Proteomics</i> , 1999, 1431, 212-222.	2.1	35
43	Structure of L-aspartate oxidase: implications for the succinate dehydrogenase/fumarate reductase oxidoreductase family. <i>Structure</i> , 1999, 7, 745-756.	3.3	90
44	Structural characterization of L-aspartate oxidase and identification of an interdomain loop by limited proteolysis. <i>FEBS Journal</i> , 1999, 260, 896-903.	0.2	18
45	d-aspartate oxidase is present in ovaries, eggs and embryos but not in testis of <i>Xenopus laevis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1999, 124, 489-494.	1.6	8
46	TWO-DIMENSIONAL PROTEIN MAPS OF XENOPUS EGGS AND EMBRYOS AT DIFFERENT DEVELOPMENTAL STAGES. <i>Cell Biology International</i> , 1998, 22, 517-525.	3.0	1
47	Two-dimensional polyacrylamide gel electrophoresis map of bull seminal plasma proteins. <i>Electrophoresis</i> , 1998, 19, 797-801.	2.4	39
48	cDNA cloning and expression of the flavoprotein d-aspartate oxidase from bovine kidney cortex. <i>Biochemical Journal</i> , 1997, 322, 729-735.	3.7	44
49	Redox Potentials and Quinone Reductase Activity of L-Aspartate Oxidase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 1997, 36, 16221-16230.	2.5	21
50	The primary structure of UK 114 tumor antigen. <i>FEBS Letters</i> , 1996, 393, 147-150.	2.8	56
51	L-Aspartate Oxidase from <i>Escherichia coli</i> . I. Characterization of Coenzyme Binding and Product Inhibition. <i>FEBS Journal</i> , 1996, 239, 418-426.	0.2	44
52	L-Aspartate Oxidase from <i>Escherichia coli</i> . II. Interaction with C ₄ Dicarboxylic Acids and Identification of a Novel L-Aspartate:Fumarate Oxidoreductase Activity. <i>FEBS Journal</i> , 1996, 239, 427-433.	0.2	53
53	Purification and characterization of an iron superoxide dismutase from the nitrogen-fixing <i>Azotobacter vinelandii</i> . <i>FEBS Letters</i> , 1995, 357, 79-82.	2.8	11
54	An 8.5-kDa ribonuclease from the extreme thermophilic archaeobacterium <i>Sulfolobus solfataricus</i> . <i>FEBS Letters</i> , 1995, 360, 187-190.	2.8	9

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55	Characterization of the Two Unique Human Anti-Flavin Monoclonal Immunoglobulins. FEBS Journal, 1995, 228, 886-893.	0.2	6
56	Properties of the flavoenzyme d-aspartate oxidase from Octopus vulgaris. BBA - Proteins and Proteomics, 1994, 1207, 217-222.	2.1	42
57	Amino-acid sequences of the alpha- and beta-subunits of hemerythrin from Lingula reevii. BBA - Proteins and Proteomics, 1994, 1208, 277-285.	2.1	17
58	Heat-induced synthesis and tunicamycin-sensitive secretion of the putative storage glycoprotein conglutin β from mature lupin seeds. FEBS Journal, 1994, 222, 387-393.	0.2	42
59	Interdomain Loops and Conformational Changes of Glutamate Synthase as Detected by Limited Proteolysis. FEBS Journal, 1994, 226, 505-515.	0.2	9
60	Protein HU binds specifically to kinked DNA. Molecular Microbiology, 1993, 7, 343-350.	2.5	187
61	Aldose reductase is involved in long-term adaptation of EUE cells to hyperosmotic stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1175, 283-288.	4.1	11
62	Myohemerythrin from the sipunculid, Phascolopsis gouldii: purification, properties and amino acid sequence. BBA - Proteins and Proteomics, 1992, 1122, 136-142.	2.1	10
63	Chemical modification of functional arginyl residues in beef kidney d-Aspartate oxidase. FEBS Journal, 1992, 205, 127-132.	0.2	8
64	Preincubation with cysteine prevents modification of sulfhydryl groups in proteins by unreacted acrylamide in a gel. Electrophoresis, 1992, 13, 882-884.	2.4	64
65	Xenopus laevis sperm proteins, previously identified as surface proteins with egg coat binding capability, are indeed histone H4, histone H3, and sperm specific protein SP2. The Journal of Experimental Zoology, 1992, 263, 210-214.	1.4	5
66	High-performance liquid chromatographic determination of d-amino acid oxidase activity. Biomedical Applications, 1991, 566, 377-382.	1.7	7
67	Oxidation of cysteine to cysteic acid in proteins by peroxyacids, as monitored by immobilized pH gradients. Electrophoresis, 1991, 12, 376-377.	2.4	12
68	Structural studies on the subunits of glutamate synthase from Azospirillum brasilense. BBA - Proteins and Proteomics, 1990, 1039, 374-377.	2.1	17
69	The amino terminal sequence of the developmentally regulated Ch21 protein shows homology with amino terminal sequences of low molecular weight proteins binding hydrophobic molecules. Biochemical and Biophysical Research Communications, 1990, 168, 933-938.	2.1	11
70	Gas chromatographic determination of glycoprotein amino sugars as O-pentafluorobenzoyloxime acetates. Journal of Chromatography A, 1989, 467, 315-320.	3.7	8
71	Improved high-performance liquid chromatographic determination of diamine oxidase activity. Biomedical Applications, 1989, 491, 209-214.	1.7	3
72	Improved high-performance liquid chromatographic determination of bacterial collagenase activity in ointments. Journal of Chromatography A, 1988, 459, 337-340.	3.7	0

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73	Structural studies on the interaction between ferredoxin and ferredoxin-NADP+ reductase. <i>Biochemistry</i> , 1988, 27, 3753-3759.	2.5	97
74	Gas chromatographic analysis of neutral monosaccharides as their O-pentafluorobenzoyloxime acetates. <i>Journal of Chromatography A</i> , 1987, 411, 275-284.	3.7	12
75	Phenylglyoxal modification of arginines in mammalian D-amino-acid oxidase. <i>FEBS Journal</i> , 1987, 167, 261-267.	0.2	13
76	High-performance liquid chromatographic determination of taurine in formulations as the dansyl derivative. <i>Journal of Chromatography A</i> , 1986, 369, 431-434.	3.7	17
77	C5a fragment of bovine complement. Purification, bioassays, amino-acid sequence and other structural studies. <i>FEBS Journal</i> , 1986, 155, 77-86.	0.2	43