

Simona Nonnis

List of Publications by Year in descending order

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37
papers

929
citations

430874

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docs citations

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times ranked

1493
citing authors

#	ARTICLE	IF	CITATIONS
1	Ovotliol ensures the correct developmental programme of the sea urchin <i>Paracentrotus lividus</i> embryo. <i>Open Biology</i> , 2022, 12, 210262.	3.6	8
2	A Wide-Proteome Analysis to Identify Molecular Pathways Involved in Kidney Response to High-Fat Diet in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3809.	4.1	1
3	Molecular response of <i>Sargassum vulgare</i> to acidification at volcanic CO_2 vents: Insights from proteomic and metabolite analyses. <i>Molecular Ecology</i> , 2022, 31, 3844-3858.	3.9	4
4	Brain Proteome and Behavioural Analysis in Wild Type, BDNF ^{+/+} and BDNF ^{-/-} Adult Zebrafish (<i>Danio rerio</i>). <i>Frontiers in Molecular and Cellular Neuroscience</i> , 2022, 16, 896766.	4.1	4
5	Multi-omic analyses in Abyssinian cats with primary renal amyloid deposits. <i>Scientific Reports</i> , 2021, 11, 8339.	3.3	6
6	Proteomic/peptidomic profile and <i>Escherichia coli</i> growth inhibitory effect of in vitro digested soya protein. <i>Italian Journal of Animal Science</i> , 2021, 20, 1462-1467.	1.9	1
7	Methionine Supplementation Affects Metabolism and Reduces Tumor Aggressiveness in Liver Cancer Cells. <i>Cells</i> , 2020, 9, 2491.	4.1	11
8	Proteomic Analysis Reveals a Mitochondrial Remodeling of $\text{H}^2\text{TC3}$ Cells in Response to Nanotopography. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 508.	3.7	14
9	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
10	Glycosylation Tunes Neuroserpin Physiological and Pathological Properties. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3235.	4.1	11
11	Effectiveness of <i>Vigna unguiculata</i> seed extracts in preventing colorectal cancer. <i>Food and Function</i> , 2020, 11, 5853-5865.	4.6	8
12	Protective effect of <i>Vigna unguiculata</i> extract against aging and neurodegeneration. <i>Aging</i> , 2020, 12, 19785-19808.	3.1	9
13	Living in future ocean acidification, physiological adaptive responses of the immune system of sea urchins resident at a CO_2 vent system. <i>Science of the Total Environment</i> , 2019, 672, 938-950.	8.0	53
14	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
15	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
16	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
17	Scale Invariant Disordered Nanotopography Promotes Hippocampal Neuron Development and Maturation with Involvement of Mechanotransductive Pathways. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 267.	3.7	64
18	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

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19	NEU3 activity enhances EGFR activation without affecting EGFR expression and acts on its sialylation levels. <i>Glycobiology</i> , 2015, 25, 855-868.	2.5	48
20	Snf1 Phosphorylates Adenylate Cyclase and Negatively Regulates Protein Kinase A-dependent Transcription in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 24715-24726.	3.4	59
21	A new bioadhesive material from fish parasite <i>Neobenedenia girellae</i> . <i>Journal of Proteomics</i> , 2014, 110, 1-6.	2.4	3
22	Sperm ubiquitination in epididymal feline semen. <i>Theriogenology</i> , 2014, 82, 636-642.	2.1	31
23	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
24	Protein pattern of <i>Xenopus laevis</i> embryos grown in simulated microgravity. <i>Cell Biology International</i> , 2011, 35, 249-258.	3.0	24
25	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
26	CK2 and GSK3 phosphorylation on S29 controls wild-type ATXN3 nuclear uptake. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 583-592.	3.8	18
27	Serological proteome analysis of <i>Staphylococcus aureus</i> isolated from sub-clinical mastitis. <i>Veterinary Microbiology</i> , 2009, 134, 388-391.	1.9	23
28	Recognition of RNA Cap in the Wesselsbron Virus NS5 Methyltransferase Domain: Implications for RNA-Capping Mechanisms in Flavivirus. <i>Journal of Molecular Biology</i> , 2009, 385, 140-152.	4.2	78
29	Protein nitration is specifically associated with melanin production and reveals redox imbalance as a new correlate of cell maturation in the ink gland of <i>Sepia officinalis</i> . <i>Pigment Cell and Melanoma Research</i> , 2009, 22, 857-859.	3.3	4
30	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
31	Characterization of l-aspartate oxidase and quinolinate synthase from <i>Bacillus subtilis</i> . <i>FEBS Journal</i> , 2008, 275, 5090-5107.	4.7	39
32	Study of subcellular localization and proteolysis of ataxin-3. <i>Neurobiology of Disease</i> , 2008, 30, 190-200.	4.4	53
33	The CK2 phosphorylation of catalytic domain of Cdc34 modulates its activity at the G ₁ to S transition in <i>Saccharomyces cerevisiae</i> . <i>Cell Cycle</i> , 2008, 7, 1391-1401.	2.6	44
34	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
35	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
36	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

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37	The nitration of I α 1, protein in neurone-like PC12 cells. FEBS Letters, 2004, 562, 35-39.	2.8	27