

# Elisa Maffioli

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,134  
citations

430874

18  
h-index

395702

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation of neuronal Lysine-specific Demethylase 1LSD1/KDM1A impairs transcriptional repression by regulating interaction with CoREST and histone deacetylases HDAC1/2. <i>Journal of Neurochemistry</i> , 2014, 128, 603-616.	3.9	112
2	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
3	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
4	Mouse mesenchymal stem cells inhibit high endothelial cell activation and lymphocyte homing to lymph nodes by releasing TIMP-1. <i>Leukemia</i> , 2016, 30, 1143-1154.	7.2	79
5	Toward the Standardization of Mitochondrial Proteomics: The Italian Mitochondrial Human Proteome Project Initiative. <i>Journal of Proteome Research</i> , 2017, 16, 4319-4329.	3.7	66
6	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
7	Nitric oxide synthase mediates PC12 differentiation induced by the surface topography of nanostructured TiO <sub>2</sub> . <i>Journal of Nanobiotechnology</i> , 2013, 11, 35.	9.1	59
8	Living in future ocean acidification, physiological adaptive responses of the immune system of sea urchins resident at a CO <sub>2</sub> vent system. <i>Science of the Total Environment</i> , 2019, 672, 938-950.	8.0	53
9	Environmental temperature variation affects brain protein expression and cognitive abilities in adult zebrafish ( <i>Danio rerio</i> ): A proteomic and behavioural study. <i>Journal of Proteomics</i> , 2019, 204, 103396.	2.4	47
10	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
11	Shaping Pancreatic Î²-Cell Differentiation and Functioning: The Influence of Mechanotransduction. <i>Cells</i> , 2020, 9, 413.	4.1	38
12	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
13	Sperm ubiquitination in epididymal feline semen. <i>Theriogenology</i> , 2014, 82, 636-642.	2.1	31
14	Peptidomic Analysis of Rat Plasma. <i>Shock</i> , 2016, 45, 540-554.	2.1	31
15	Properties and catalytic activities of MICAL1, the flavoenzyme involved in cytoskeleton dynamics, and modulation by its CH, LIM and C-terminal domains. <i>Archives of Biochemistry and Biophysics</i> , 2016, 593, 24-37.	3.0	28
16	Acute environmental temperature variation affects brain protein expression, anxiety and explorative behaviour in adult zebrafish. <i>Scientific Reports</i> , 2021, 11, 2521.	3.3	28
17	Hydrogen peroxide-mediated induction of SOD1 gene transcription is independent from Nrf2 in a cellular model of neurodegeneration. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 315-323.	1.9	27
18	Internalisation and multiple phosphorylation of Î³-Conglutinin, the lupin seed glycaemia-lowering protein, in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 648-652.	2.1	21

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19	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
20	Methionine supplementation stimulates mitochondrial respiration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1901-1913.	4.1	17
21	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
22	In vitro-digested milk proteins: Evaluation of angiotensin-1-converting enzyme inhibitory and antioxidant activities, peptidomic profile, and mucin gene expression in HT29-MTX cells. <i>Journal of Dairy Science</i> , 2019, 102, 10760-10771.	3.4	16
23	Proteomic Analysis Reveals a Mitochondrial Remodeling of $\hat{I}^2TC3$ Cells in Response to Nanotopography. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 508.	3.7	14
24	Biotic and environmental stress induces nitration and changes in structure and function of the sea urchin major yolk protein toposome. <i>Scientific Reports</i> , 2018, 8, 4610.	3.3	13
25	Methionine Supplementation Affects Metabolism and Reduces Tumor Aggressiveness in Liver Cancer Cells. <i>Cells</i> , 2020, 9, 2491.	4.1	11
26	Suggestive evidence on the involvement of polypyrimidine-tract binding protein in regulating alternative splicing of MAP/microtubule affinity-regulating kinase 4 in glioma. <i>Cancer Letters</i> , 2015, 359, 87-96.	7.2	10
27	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
28	Expression of CD20 reveals a new store-operated calcium entry modulator in skeletal muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 2095-2105.	2.8	9
29	Protein Kinase CK2 Holoenzyme Promotes Start-Specific Transcription in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2013, 12, 1271-1280.	3.4	7
30	Rational Design of a User-Friendly Aptamer/Peptide-Based Device for the Detection of <i>Staphylococcus aureus</i> . <i>Sensors</i> , 2020, 20, 4977.	3.8	7
31	COPZ1 depletion in thyroid tumor cells triggers type I IFN response and immunogenic cell death. <i>Cancer Letters</i> , 2020, 476, 106-119.	7.2	7
32	Structural and functional insights into the basic globulin 7S of soybean seeds by using trypsin as a molecular probe. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 89-94.	2.1	6
33	Continuous enteral protease inhibition as a novel treatment for experimental trauma/hemorrhagic shock. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1579-1588.	1.7	6
34	Antimicrobial d-amino acid oxidase-derived peptides specify gut microbiota. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3607-3620.	5.4	6
35	Multi-omic analyses in Abyssinian cats with primary renal amyloid deposits. <i>Scientific Reports</i> , 2021, 11, 8339.	3.3	6
36	Cellular studies of the two main isoforms of human $\hat{c}$ aspartate oxidase. <i>FEBS Journal</i> , 2021, 288, 4939-4954.	4.7	4

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37	Molecular response of <i>Sargassum vulgare</i> to acidification at volcanic CO <sub>2</sub> vents: Insights from proteomic and metabolite analyses. <i>Molecular Ecology</i> , 2022, 31, 3844-3858.	3.9	4
38	Brain Proteome and Behavioural Analysis in Wild Type, BDNF <sup>+/+</sup> and BDNF <sup>-/-</sup> Adult Zebrafish (Danio rerio). <i>Journal of Proteomics</i> , 2022, 15, 5606.	4.1	4
39	A new bioadhesive material from fish parasite <i>Neobenedenia girellae</i> . <i>Journal of Proteomics</i> , 2014, 110, 1-6.	2.4	3
40	Peptidomic changes in the milk of water buffaloes ( <i>Bubalus bubalis</i> ) with intramammary infection by non-aureus staphylococci. <i>Scientific Reports</i> , 2022, 12, 8371.	3.3	3
41	Proteolytic Cleavage at Twin Arginine Residues Affects Structural and Functional Transitions of Lupin Seed 11S Storage Globulin. <i>PLoS ONE</i> , 2015, 10, e0117406.	2.5	2
42	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