

Luisa Pieroni

List of Publications by Year in descending order

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65
papers

2,005
citations

236833

25
h-index

254106

43
g-index

67
all docs

67
docs citations

67
times ranked

5002
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-specific integration mediated by a hybrid adenovirus/adeno-associated virus vector. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2615-2620.	3.3	172
2	In Vivo Gene Transfer in Mouse Skeletal Muscle Mediated by Baculovirus Vectors. Human Gene Therapy, 2001, 12, 871-881.	1.4	118
3	Higher pain perception and lack of recovery from neuropathic pain in females: A behavioural, immunohistochemical, and proteomic investigation on sex-related differences in mice. Pain, 2014, 155, 388-402.	2.0	104
4	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. Pain, 2014, 155, 93-107.	2.0	98
5	Protein unlocking procedures of formalin-fixed paraffin-embedded tissues: Application to MALDI-TOF Imaging MS investigations. Proteomics, 2008, 8, 3702-3714.	1.3	94
6	Cystic fibrosis transmembrane conductance regulator (CFTR) expression in human platelets: impact on mediators and mechanisms of the inflammatory response. FASEB Journal, 2010, 24, 3970-3980.	0.2	75
7	Lenalidomide Restrains Motility and Overangiogenic Potential of Bone Marrow Endothelial Cells in Patients with Active Multiple Myeloma. Clinical Cancer Research, 2011, 17, 1935-1946.	3.2	75
8	Exosomal clusterin, identified in the pericardial fluid, improves myocardial performance following MI through epicardial activation, enhanced arteriogenesis and reduced apoptosis. International Journal of Cardiology, 2015, 197, 333-347.	0.8	71
9	In vitro study of the NS2-3 protease of hepatitis C virus. Journal of Virology, 1997, 71, 6373-6380.	1.5	71
10	Toward the Standardization of Mitochondrial Proteomics: The Italian Mitochondrial Human Proteome Project Initiative. Journal of Proteome Research, 2017, 16, 4319-4329.	1.8	66
11	17beta-estradiol counteracts neuropathic pain: a behavioural, immunohistochemical and proteomic investigation on sex-related differences in mice. Scientific Reports, 2016, 6, 18980.	1.6	64
12	Targeted Integration of Adeno-Associated Virus-Derived Plasmids in Transfected Human Cells. Virology, 1998, 249, 249-259.	1.1	58
13	Applications of MALDI-TOF mass spectrometry in clinical proteomics. Expert Review of Proteomics, 2018, 15, 683-696.	1.3	55
14	Mitochondrial proteomics investigation of a cellular model of impaired dopamine homeostasis, an early step in Parkinson's disease pathogenesis. Molecular BioSystems, 2014, 10, 1332.	2.9	48
15	New Insights into Neuroblastoma Cisplatin Resistance: A Comparative Proteomic and Meta-Mining Investigation. Journal of Proteome Research, 2011, 10, 416-428.	1.8	47
16	Gut-Brain Axis and Neurodegeneration: State-of-the-Art of Meta-Omics Sciences for Microbiota Characterization. International Journal of Molecular Sciences, 2020, 21, 4045.	1.8	46
17	Proteomic analysis of protein adsorption capacity of different haemodialysis membranes. Molecular BioSystems, 2012, 8, 1029.	2.9	44
18	Proteomics investigation of human platelets in healthy donors and cystic fibrosis patients by shotgun nUPLC-MSE and 2DE: a comparative study. Molecular BioSystems, 2011, 7, 630-639.	2.9	35

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19	Biocompatibility assessment of haemodialysis membrane materials by proteomic investigations. <i>Molecular BioSystems</i> , 2015, 11, 1633-1643.	2.9	35
20	Proteomic analysis of human sonic hedgehog (SHH) medulloblastoma stem-like cells. <i>Molecular BioSystems</i> , 2015, 11, 1603-1611.	2.9	34
21	MDM4/HIPK2/p53 cytoplasmic assembly uncovers coordinated repression of molecules with anti-apoptotic activity during early DNA damage response. <i>Oncogene</i> , 2016, 35, 228-240.	2.6	33
22	Enrichments of post-translational modifications in proteomic studies. <i>Journal of Separation Science</i> , 2020, 43, 313-336.	1.3	33
23	Urinary Peptidomic Biomarkers in Kidney Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 96.	1.8	28
24	Direct Assessment of Plasma/Serum Sample Quality for Proteomics Biomarker Investigation. <i>Methods in Molecular Biology</i> , 2017, 1619, 3-21.	0.4	26
25	Proteomic investigations on the effect of different membrane materials on blood protein adsorption during haemodialysis. <i>Blood Transfusion</i> , 2012, 10 Suppl 2, s101-12.	0.3	25
26	Proteomics of Muscle Microdialysates Identifies Potential Circulating Biomarkers in Facioscapulohumeral Muscular Dystrophy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 290.	1.8	25
27	Oxidative modifications of cerebral transthyretin are associated with multiple sclerosis. <i>Proteomics</i> , 2013, 13, 1002-1009.	1.3	22
28	Crosstalk Between Oxidative Stress and Mitochondrial Damage: Focus on Amyotrophic Lateral Sclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1158, 71-82.	0.8	21
29	Repurposing of Trimetazidine for amyotrophic lateral sclerosis: A study in SOD1 ^{G93A} mice. <i>British Journal of Pharmacology</i> , 2022, 179, 1732-1752.	2.7	21
30	Proteomic Investigations into Hemodialysis Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29508-29521.	1.8	20
31	Sequential Fractionation Strategy Identifies Three Missing Proteins in the Mitochondrial Proteome of Commonly Used Cell Lines. <i>Journal of Proteome Research</i> , 2018, 17, 4307-4314.	1.8	20
32	Glucagon-like peptide 1 protects INS-1E mitochondria against palmitate-mediated beta-cell dysfunction: a proteomic study. <i>Molecular BioSystems</i> , 2015, 11, 1696-1707.	2.9	19
33	Proteomics and Toxicity Analysis of Spinal-Cord Primary Cultures upon Hydrogen Sulfide Treatment. <i>Antioxidants</i> , 2018, 7, 87.	2.2	16
34	Impact of Pharmacological Inhibition of Hydrogen Sulphide Production in the SOD1G93A-ALS Mouse Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2550.	1.8	16
35	Behavioral, neuromorphological, and neurobiochemical effects induced by omega-3 fatty acids following basal forebrain cholinergic depletion in aged mice. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 150.	3.0	16
36	Exploring the HeLa Dark Mitochondrial Proteome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 137.	1.8	16

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37	Monitoring Perinatal Gut Microbiota in Mouse Models by Mass Spectrometry Approaches: Parental Genetic Background and Breastfeeding Effects. <i>Frontiers in Microbiology</i> , 2016, 7, 1523.	1.5	15
38	Experimental setup for the identification of mitochondrial protease substrates by shotgun and top-down proteomics. <i>EuPA Open Proteomics</i> , 2016, 11, 1-3.	2.5	15
39	Putative Biomarkers for Malignant Pleural Mesothelioma Suggested by Proteomic Analysis of Cell Secretome. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 225-236.	1.0	15
40	A metaproteomic pipeline to identify newborn mouse gut phylotypes. <i>Journal of Proteomics</i> , 2014, 97, 17-26.	1.2	14
41	Examining hemodialyzer membrane performance using proteomic technologies. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1-9.	0.9	14
42	Proteomic Analysis Reveals a Biofilm-Like Behavior of Planktonic Aggregates of <i>Staphylococcus epidermidis</i> Grown Under Environmental Pressure/Stress. <i>Frontiers in Microbiology</i> , 2019, 10, 1909.	1.5	14
43	Proteomic and ionic profiling reveals significant alterations of protein expression and calcium homeostasis in cystic fibrosis cells. <i>Molecular BioSystems</i> , 2013, 9, 1117.	2.9	13
44	Proteasome Inhibitors Therapeutic Strategies for Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2009, 4, 73-82.	0.8	12
45	MDM4 actively restrains cytoplasmic mTORC1 by sensing nutrient availability. <i>Molecular Cancer</i> , 2017, 16, 55.	7.9	12
46	Innovative mouse model mimicking human-like features of spinal cord injury: efficacy of Docosahexaenoic acid on acute and chronic phases. <i>Scientific Reports</i> , 2019, 9, 8883.	1.6	12
47	Protein repertoire impact of Ubiquitinâ€“Proteasome System impairment: Insight into the protective role of beta-estradiol. <i>Journal of Proteomics</i> , 2012, 75, 1440-1453.	1.2	11
48	Proteomic Characterization of a New asymmetric Cellulose Triacetate Membrane for Hemodialysis. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700140.	0.8	11
49	Exploring the Impact of PARK2 Mutations on the Total and Mitochondrial Proteome of Human Skin Fibroblasts. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 423.	1.8	11
50	Biallelic mutations in <i>RNF220</i> cause laminopathies featuring leukodystrophy, ataxia and deafness. <i>Brain</i> , 2021, 144, 3020-3035.	3.7	11
51	MicroRNAs-Proteomic Networks Characterizing Human Medulloblastoma-SLCs. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	8
52	Inhibition of the mTOR pathway and reprogramming of protein synthesis by MDM4 reduce ovarian cancer metastatic properties. <i>Cell Death and Disease</i> , 2021, 12, 558.	2.7	7
53	C9ORF72 Repeat Expansion Affects the Proteome of Primary Skin Fibroblasts in ALS. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10385.	1.8	6
54	Impact of the Trophic Effects of the Secretome From a Multistrain Probiotic Preparation on the Intestinal Epithelia. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 902-913.	0.9	5

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55	MYC regulates metabolism through vesicular transfer of glycolytic kinases. <i>Open Biology</i> , 2021, 11, 210276.	1.5	5
56	Silencing of Ago-2 Interacting Protein SERBP1 Relieves KCC2 Repression by miR-92 in Neurons. <i>Cells</i> , 2022, 11, 1052.	1.8	5
57	Mitochondrial Respiratory Complexes as Targets of Drugs: The PPAR Agonist Example. <i>Cells</i> , 2022, 11, 1169.	1.8	5
58	Mapping of Transglutaminase-2 Sites of Human Salivary Small Basic Proline-Rich Proteins by HPLC-High-Resolution ESI-MS/MS. <i>Journal of Proteome Research</i> , 2020, 19, 300-313.	1.8	4
59	HPLC-ESI-MS top-down analysis of salivary peptides of preterm newborns evidenced high activity of some exopeptidases and convertases during late fetal development. <i>Talanta</i> , 2021, 222, 121429.	2.9	4
60	Blood Cell Proteomics in Chronic Kidney Disease. <i>The Open Urology & Nephrology Journal</i> , 2018, 11, 28-38.	0.2	1
61	MYCN Regulates Metabolism Through Vesicular Transfer of Glycolytic Kinases. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
62	Investigation by top-down high-performance liquid chromatography-mass spectrometry of glutathionylation and cysteinylolation of salivary S100A9 and cystatin B in preterm newborns. <i>Separation Science Plus</i> , 2022, 5, 17-27.	0.3	1
63	Analysis of the interferon gamma modulated pathways related to the therapeutic plasticity of bone marrow-derived mesenchymal stem cells through a SILAC-based proteomic approach. <i>Journal of Neuroimmunology</i> , 2014, 275, 191-192.	1.1	0
64	MP662PROTEOMIC AND BIOCOMPATIBILITY OF MEMBRANESFOR DIALYSIS. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i560-i560.	0.4	0
65	Editorial: Mitochondrial Proteomics: Understanding Mitochondria Function and Dysfunction Through the Characterization of Their Proteome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 608753.	1.8	0