

Maurizio Ronci

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,808
citations

201674

27
h-index

289244

40
g-index

68
all docs

68
docs citations

68
times ranked

3395
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics characterization of extracellular vesicles sorted by flow cytometry reveals a disease-specific molecular cross-talk from cerebrospinal fluid and tears in multiple sclerosis. <i>Journal of Proteomics</i> , 2019, 204, 103403.	2.4	97
2	Protein unlocking procedures of formalin-fixed paraffin-embedded tissues: Application to MALDI-TOF Imaging MS investigations. <i>Proteomics</i> , 2008, 8, 3702-3714.	2.2	94
3	n-3 polyunsaturated fatty acids supplementation enhances hippocampal functionality in aged mice. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 220.	3.4	91
4	Surface-assisted laser desorption ionization mass spectrometry techniques for application in forensics. <i>Mass Spectrometry Reviews</i> , 2015, 34, 627-640.	5.4	85
5	Increased tumor necrosis factor α -converting enzyme activity induces insulin resistance and hepatosteatosis in mice. <i>Hepatology</i> , 2010, 51, 103-110.	7.3	80
6	Multiple pharmacognostic characterization on hemp commercial cultivars: Focus on inflorescence water extract activity. <i>Food and Chemical Toxicology</i> , 2019, 125, 452-461.	3.6	76
7	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
8	Persistent or Transient Human β Cell Dysfunction Induced by Metabolic Stress: Specific Signatures and Shared Gene Expression with Type 2 Diabetes. <i>Cell Reports</i> , 2020, 33, 108466.	6.4	65
9	Applications of MALDI-TOF mass spectrometry in clinical proteomics. <i>Expert Review of Proteomics</i> , 2018, 15, 683-696.	3.0	55
10	Rapid detection of illicit drugs in neat saliva using desorption/ionization on porous silicon. <i>Talanta</i> , 2012, 99, 791-798.	5.5	47
11	Mass Spectrometry Imaging on Porous Silicon: Investigating the Distribution of Bioactives in Marine Mollusc Tissues. <i>Analytical Chemistry</i> , 2012, 84, 8996-9001.	6.5	46
12	Antioxidant and Neuroprotective Effects Induced by Cannabidiol and Cannabigerol in Rat CTX-TNA2 Astrocytes and Isolated Cortexes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3575.	4.1	46
13	Palmitate-induced lipotoxicity alters acetylation of multiple proteins in clonal β cells and human pancreatic islets. <i>Scientific Reports</i> , 2017, 7, 13445.	3.3	44
14	Porous Silicon Films Micropatterned with Bioelements as Supports for Mammalian Cells. <i>Advanced Functional Materials</i> , 2012, 22, 1158-1166.	14.9	42
15	Comparison of the performance of different silicon-based SALDI substrates for illicit drug detection. <i>Talanta</i> , 2015, 132, 494-502.	5.5	40
16	A Proteomic Approach to Uncover Neuroprotective Mechanisms of Oleocanthal against Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2329.	4.1	39
17	Identification and characterization of the β -CA in the outer membrane vesicles produced by <i>Helicobacter pylori</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 189-195.	5.2	38
18	MALDI-MS-Imaging of Whole Human Lens Capsule. <i>Journal of Proteome Research</i> , 2011, 10, 3522-3529.	3.7	37

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19	Molecular mechanism and functional role of brefeldin A-mediated ADP-ribosylation of CtBP1/BARS. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9794-9799.	7.1	37
20	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
21	Biocompatibility assessment of haemodialysis membrane materials by proteomic investigations. Molecular BioSystems, 2015, 11, 1633-1643.	2.9	35
22	Crocus sativus by-products as sources of bioactive extracts: Pharmacological and toxicological focus on anthers. Food and Chemical Toxicology, 2019, 126, 7-14.	3.6	35
23	Proteomic analysis of human sonic hedgehog (SHH) medulloblastoma stem-like cells. Molecular BioSystems, 2015, 11, 1603-1611.	2.9	34
24	Antimicrobial and Antibiofilm Activities of New Synthesized Silver Ultra-NanoClusters (SUNCs) Against Helicobacter pylori. Frontiers in Microbiology, 2020, 11, 1705.	3.5	33
25	Antineoplastic activity of strawberry (Fragaria × ananassa Duch.) crude extracts on B16-F10 melanoma cells. Molecular BioSystems, 2014, 10, 1255-1263.	2.9	31
26	A food safety control low mass range proteomics platform for the detection of illicit treatments in veal calves by MALDI-TOF-MS serum profiling. Biotechnology Journal, 2009, 4, 1596-1609.	3.5	29
27	MALDI MS imaging analysis of apolipoprotein E and lysyl oxidase-like 1 in human lens capsules affected by pseudoexfoliation syndrome. Journal of Proteomics, 2013, 82, 27-34.	2.4	29
28	Biological effect of LOXL1 coding variants associated with pseudoexfoliation syndrome. Experimental Eye Research, 2016, 146, 212-223.	2.6	25
29	Mass spectrometry imaging reveals new biological roles for choline esters and Tyrian purple precursors in muricid molluscs. Scientific Reports, 2015, 5, 13408.	3.3	23
30	Protective effects induced by alcoholic Phlomis fruticosa and Phlomis herbae extracts in isolated rat colon: Focus on antioxidant, anti-inflammatory, and antimicrobial activities in vitro. Phytotherapy Research, 2019, 33, 2387-2400.	5.8	23
31	Phenotypic profile linked to inhibition of the major Zn influx system in Salmonella enterica: proteomics and ionomics investigations. Molecular BioSystems, 2011, 7, 608-619.	2.9	22
32	Comprehensive Chemical Profiling and Multidirectional Biological Investigation of Two Wild Anthemis Species (Anthemis tinctoria var. Pallida and A. cretica subsp. tenuiloba): Focus on Neuroprotective Effects. Molecules, 2019, 24, 2582.	3.8	22
33	Copper exposure effects on yeast mitochondrial proteome. Journal of Proteomics, 2011, 74, 2522-2535.	2.4	20
34	Sequential Fractionation Strategy Identifies Three Missing Proteins in the Mitochondrial Proteome of Commonly Used Cell Lines. Journal of Proteome Research, 2018, 17, 4307-4314.	3.7	20
35	Multiple pharmacological and toxicological investigations on Tanacetum parthenium and Salix alba extracts: Focus on potential application as anti-migraine agents. Food and Chemical Toxicology, 2019, 133, 110783.	3.6	20
36	Glucagon-like peptide 1 protects INS-1E mitochondria against palmitate-mediated beta-cell dysfunction: a proteomic study. Molecular BioSystems, 2015, 11, 1696-1707.	2.9	19

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37	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.	6.2	16
38	Exploring the HeLa Dark Mitochondrial Proteome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 137.	3.7	16
39	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
40	Multidirectional Pharma-Toxicological Study on <i>Harpagophytum procumbens</i> DC. ex Meisn.: An IBD-Focused Investigation. <i>Antioxidants</i> , 2020, 9, 168.	5.1	15
41	Antioxidant and Neuroprotective Activity of Extra Virgin Olive Oil Extracts Obtained from Quercetano Cultivar Trees Grown in Different Areas of the Tuscany Region (Italy). <i>Antioxidants</i> , 2021, 10, 421.	5.1	15
42	Novel protein constituents of pathological ocular pseudoexfoliation syndrome deposits identified with mass spectrometry. <i>Molecular Vision</i> , 2018, 24, 801-817.	1.1	14
43	Proteasome Inhibitors Therapeutic Strategies for Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2009, 4, 73-82.	1.6	12
44	Pros and Cons of Pharmacological Manipulation of cGMP-PDEs in the Prevention and Treatment of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 262.	4.1	12
45	Proteomic Characterization of a New asymmetric Cellulose Triacetate Membrane for Hemodialysis. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700140.	1.6	11
46	Integrative proteomic and functional analyses provide novel insights into the action of the repurposed drug candidate nitroxoline in AsPC-1 cells. <i>Scientific Reports</i> , 2020, 10, 2574.	3.3	11
47	Salivary Proteome Changes in Response to Acute Psychological Stress Due to an Oral Exam Simulation in University Students: Effect of an Olfactory Stimulus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4295.	4.1	9
48	Parathyroid Carcinoma and Adenoma Co-existing in One Patient: Case Report and Comparative Proteomic Analysis. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 781-796.	2.0	9
49	MicroRNAs-Proteomic Networks Characterizing Human Medulloblastoma-SLCs. <i>Stem Cells International</i> , 2016, 2016, 1-10.	2.5	8
50	Brain mitochondrial proteome alteration driven by creatine deficiency suggests novel therapeutic venues for creatine deficiency syndromes. <i>Neuroscience</i> , 2019, 409, 276-289.	2.3	8
51	Asperuloside Enhances Taste Perception and Prevents Weight Gain in High-Fat Fed Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 615446.	3.5	8
52	Exploring the Mitochondrial Degradome by the TAILS Proteomics Approach in a Cellular Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 195.	3.4	7
53	Reduced expression of apolipoprotein E and immunoglobulin heavy constant gamma 1 proteins in Fuchs endothelial corneal dystrophy. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 1028-1042.	2.6	6
54	Proteomic Investigation of Malignant Major Salivary Gland Tumors. <i>Head and Neck Pathology</i> , 2020, 14, 362-373.	2.6	5

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55	Preclinical Development of FA5, a Novel AMP-Activated Protein Kinase (AMPK) Activator as an Innovative Drug for the Management of Bowel Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6325.	4.1	5
56	Protective effects of <i>Cotoneaster integerrimus</i> on in vitro and ex-vivo models of H ₂ O ₂ -induced lactate dehydrogenase activity in HCT116 cell and on lipopolysaccharide-induced inflammation in rat colon. <i>Journal of Food Biochemistry</i> , 2019, 43, e12766.	2.9	4
57	Metabolic Changes Induced by Purinergic Signaling: Role in Food Intake. <i>Frontiers in Pharmacology</i> , 2021, 12, 655989.	3.5	4
58	Structure and Properties of Electrochemically Synthesized Silver Nanoparticles in Aqueous Solution by High-Resolution Techniques. <i>Molecules</i> , 2021, 26, 5155.	3.8	4
59	Purinergic Signaling in Oral Tissues. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7790.	4.1	3
60	Protective effects of <i>Stevia rebaudiana</i> extracts on beta cells in lipotoxic conditions. <i>Acta Diabetologica</i> , 2021, , 1.	2.5	2
61	Blood Cell Proteomics in Chronic Kidney Disease. <i>The Open Urology & Nephrology Journal</i> , 2018, 11, 28-38.	0.2	1
62	Structure and Properties of Electrochemically Synthesized Silver Nanoparticles in Aqueous Solution by High-Resolution Techniques. <i>Molecules</i> , 2021, 26, .	3.8	1
63	Multipotent Stromal Cells from Subcutaneous Adipose Tissue of Normal Weight and Obese Subjects: Modulation of Their Adipogenic Differentiation by Adenosine A1 Receptor Ligands. <i>Cells</i> , 2021, 10, 3560.	4.1	1
64	MP662PROTEOMIC AND BIOCOMPATIBILITY OF MEMBRANESFOR DIALYSIS. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i560-i560.	0.7	0
65	Asperuloside reduces food intake and body weight via downregulation of orexigenic hypothalamic signalling in a mouse model of metabolic syndrome.. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
66	Persistent or Transient Human β -Cell Dysfunction Induced by Metabolic Stress Associates with Specific Signatures and Shared Gene Expression of Type 2 Diabetes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0