

# Pietroluigi Mauri

## List of Publications by Year in descending order

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217  
papers

8,891  
citations

53794

45  
h-index

54911

84  
g-index

224  
all docs

224  
docs citations

224  
times ranked

11846  
citing authors

#	ARTICLE	IF	CITATIONS
1	IFCC Reference System for Measurement of Hemoglobin A1c in Human Blood and the National Standardization Schemes in the United States, Japan, and Sweden: A Method-Comparison Study. <i>Clinical Chemistry</i> , 2004, 50, 166-174.	3.2	587
2	Chemokine nitration prevents intratumoral infiltration of antigen-specific T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 1949-1962.	8.5	547
3	Approved IFCC Reference Method for the Measurement of HbA1c in Human Blood. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 78-89.	2.3	525
4	MHC-I expression renders catecholaminergic neurons susceptible to T-cell-mediated degeneration. <i>Nature Communications</i> , 2014, 5, 3633.	12.8	254
5	Antioxidant Activity of Selected Medicinal Plants. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 4487-4490.	5.2	225
6	The Proteomic Landscape of Human Ex Vivo Regulatory and Conventional T Cells Reveals Specific Metabolic Requirements. <i>Immunity</i> , 2016, 44, 406-421.	14.3	201
7	Cardioprotection by cardiac progenitor cell-secreted exosomes: role of pregnancy-associated plasma protein-A. <i>Cardiovascular Research</i> , 2018, 114, 992-1005.	3.8	178
8	Reliable typing of systemic amyloidoses through proteomic analysis of subcutaneous adipose tissue. <i>Blood</i> , 2012, 119, 1844-1847.	1.4	155
9	The Catalytic Site of Glutathione Peroxidases. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1515-1526.	5.4	151
10	Identification of proteins released by pancreatic cancer cells by multidimensional protein identification technology: a strategy for identification of novel cancer markers. <i>FASEB Journal</i> , 2005, 19, 1125-1127.	0.5	122
11	Proteome Profiling of Neuroblastoma-Derived Exosomes Reveal the Expression of Proteins Potentially Involved in Tumor Progression. <i>PLoS ONE</i> , 2013, 8, e75054.	2.5	122
12	Boron analysis and boron imaging in biological materials for Boron Neutron Capture Therapy (BNCT). <i>Critical Reviews in Oncology/Hematology</i> , 2008, 68, 66-90.	4.4	117
13	Application of micellar electrokinetic capillary chromatography to the determination of flavonoid drugs. <i>Journal of Chromatography A</i> , 1991, 549, 367-373.	3.7	114
14	Quantitative Characterization of Flavonoid Compounds in Rooibos Tea ( <i>Aspalathus linearis</i> ) by LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5513-5519.	5.2	114
15	Polyphenol Pattern and Antioxidant Activity of Different Tomato Lines and Cultivars. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 64-69.	1.9	114
16	The Thioredoxin Specificity of Drosophila GPx: A Paradigm for a Peroxiredoxin-like Mechanism of many Glutathione Peroxidases. <i>Journal of Molecular Biology</i> , 2007, 365, 1033-1046.	4.2	113
17	Cryo-EM structure of cardiac amyloid fibrils from an immunoglobulin light chain AL amyloidosis patient. <i>Nature Communications</i> , 2019, 10, 1269.	12.8	113
18	Echinacoside and Caffeoyl Conjugates Protect Collagen from Free Radical-Induced Degradation: A Potential Use of Echinacea Extracts in the Prevention of Skin Photodamage. <i>Planta Medica</i> , 1995, 61, 510-514.	1.3	108

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19	Pilot Production of Mesenchymal Stem/Stromal Freeze-Dried Secretome for Cell-Free Regenerative Nanomedicine: A Validated GMP-Compliant Process. <i>Cells</i> , 2018, 7, 190.	4.1	108
20	Neuromelanin organelles are specialized autolysosomes that accumulate undegraded proteins and lipids in aging human brain and are likely involved in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 17.	5.3	101
21	Selenocysteine oxidation in glutathione peroxidase catalysis: an MS-supported quantum mechanics study. <i>Free Radical Biology and Medicine</i> , 2015, 87, 1-14.	2.9	100
22	Macrophages may promote cancer growth via a GM-CSF/HB-EGF paracrine loop that is enhanced by CXCL12. <i>Molecular Cancer</i> , 2010, 9, 273.	19.2	99
23	Proteomics of bronchial biopsies: Galectin-3 as a predictive biomarker of airway remodelling modulation in omalizumab-treated severe asthma patients. <i>Immunology Letters</i> , 2014, 162, 2-10.	2.5	95
24	Intravenous administration of cardiac progenitor cell-derived exosomes protects against doxorubicin/trastuzumab-induced cardiac toxicity. <i>Cardiovascular Research</i> , 2020, 116, 383-392.	3.8	91
25	Versatility of Selenium Catalysis in PHGPx Unraveled by LC/ESI-MS/MS. <i>Biological Chemistry</i> , 2003, 384, 575-88.	2.5	90
26	Molecular and Genomic Analysis of Genes Encoding Surface-Anchored Proteins from <i>Clostridium difficile</i> . <i>Infection and Immunity</i> , 2001, 69, 3442-3446.	2.2	84
27	Liquid chromatography/atmospheric pressure chemical ionization mass spectrometry of terpene lactones in plasma of volunteers dosed with Ginkgo biloba L. extracts. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 929-934.	1.5	82
28	Electrospray characterization of selected medicinal plant extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 61-68.	2.8	81
29	Functional Interaction of Phospholipid Hydroperoxide Glutathione Peroxidase with Sperm Mitochondrion-associated Cysteine-rich Protein Discloses the Adjacent Cysteine Motif as a New Substrate of the Selenoperoxidase. <i>Journal of Biological Chemistry</i> , 2005, 280, 38395-38402.	3.4	81
30	From protein-protein interactions to protein co-expression networks: a new perspective to evaluate large-scale proteomic data. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2017, 2017, 6.	1.4	81
31	Copper and zinc dimetabolism in the mouse brain upon chronic cuprizone treatment. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 1502-1513.	5.4	74
32	Analysis of the <i>Escherichia coli</i> RNA degradosome composition by a proteomic approach. <i>Biochimie</i> , 2006, 88, 151-161.	2.6	73
33	Identification of Ginkgo biloba flavonol metabolites after oral administration to humans. <i>Biomedical Applications</i> , 1997, 693, 249-255.	1.7	65
34	Molybdenum and iron mutually impact their homeostasis in cucumber ( <i>Cucumis sativus</i> ) plants. <i>New Phytologist</i> , 2017, 213, 1222-1241.	7.3	65
35	Separation of flavonol-2-O-glycosides from <i>Calendula officinalis</i> and <i>Sambucus nigra</i> by high-performance liquid and micellar electrokinetic capillary chromatography. <i>Journal of Chromatography A</i> , 1992, 593, 165-170.	3.7	63
36	The role of protein and peptide separation before mass spectrometry analysis in clinical proteomics. <i>Journal of Chromatography A</i> , 2015, 1381, 1-12.	3.7	63

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37	High performance liquid chromatography/electrospray mass spectrometry of Hypericum perforatum extracts. , 2000, 14, 95-99.		62
38	Identification of flavonoids from Ginkgo biloba L., Anthemis nobilis L. and Equisetum arvense L. by high-performance liquid chromatography with diode-array UV detection. Journal of Chromatography A, 1991, 553, 223-231.	3.7	61
39	Placental stem cells pre-treated with a hyaluronan mixed ester of butyric and retinoic acid to cure infarcted pig hearts: a multimodal study. Cardiovascular Research, 2011, 90, 546-556.	3.8	59
40	Developmental Arrest and Mouse Antral Not-Surrounded Nucleolus Oocytes1. Biology of Reproduction, 2013, 88, 2.	2.7	56
41	The Circulating Level of FABP3 Is an Indirect Biomarker of MicroRNA-1. Journal of the American College of Cardiology, 2013, 61, 88-95.	2.8	56
42	Galectin-3: an early predictive biomarker of modulation of airway remodeling in patients with severe asthma treated with omalizumab for 36 months. Clinical and Translational Allergy, 2017, 7, 6.	3.2	55
43	Liquid chromatography/electrospray ionization mass spectrometric characterization of flavonol glycosides in tomato extracts and human plasma. Rapid Communications in Mass Spectrometry, 1999, 13, 924-931.	1.5	54
44	Chapter 6 A Proteomic Approach to the Analysis of RNA Degradosome Composition in Escherichia coli. Methods in Enzymology, 2008, 447, 99-117.	1.0	53
45	Lentiviral gene therapy corrects platelet phenotype and function in patients with Wiskott-Aldrich syndrome. Journal of Allergy and Clinical Immunology, 2019, 144, 825-838.	2.9	50
46	Biomarkers and severe asthma: a critical appraisal. Clinical and Molecular Allergy, 2015, 13, 20.	1.8	49
47	Adipose Mesenchymal Extracellular Vesicles as Alpha-1-Antitrypsin Physiological Delivery Systems for Lung Regeneration. Cells, 2019, 8, 965.	4.1	48
48	Improved high-performance liquid chromatographic method for the analysis of ginsenosides in Panax Ginseng extracts and products. Journal of Chromatography A, 1986, 356, 212-219.	3.7	46
49	Trolox equivalent antioxidant capacity (TEAC) of Ginkgo biloba flavonol and Camellia sinensis catechin metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 223-226.	2.8	46
50	High-performance liquid chromatography and micellar electrokinetic chromatography of flavonol glycosides from Tilia. Journal of Chromatography A, 1993, 638, 357-361.	3.7	45
51	Shotgun Protein Profile of Human Adipose Tissue and Its Changes in Relation to Systemic Amyloidoses. Journal of Proteome Research, 2013, 12, 5642-5655.	3.7	45
52	Immune profiling of plasma-derived extracellular vesicles identifies Parkinson disease. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	45
53	Identification of flavonoid metabolites after oral administration to rats of a Ginkgo biloba extract. Biomedical Applications, 1995, 673, 75-80.	1.7	44
54	A novel human anti-syndecan-1 antibody inhibits vascular maturation and tumour growth in melanoma. European Journal of Cancer, 2013, 49, 2022-2033.	2.8	44

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55	Stable storage conditions of immobiline chemicals for isoelectric focusing. <i>Journal of Proteomics</i> , 1988, 16, 141-164.	2.4	43
56	Liquid chromatography/electrospray mass spectrometry of bioactive terpenoids in <i>Ginkgo biloba</i> L., 1999, 34, 1361-1367.		43
57	The Mycobacterial Thioredoxin Peroxidase Can Act as a One-cysteine Peroxiredoxin. <i>Journal of Biological Chemistry</i> , 2006, 281, 20555-20566.	3.4	42
58	Multidimensional protein identification technology for clinical proteomic analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 636-46.	2.3	42
59	Regional mapping of myocardial hibernation phenotype in idiopathic end-stage dilated cardiomyopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 396-414.	3.6	42
60	Signals of pseudo-starvation unveil the amino acid transporter SLC7A11 as key determinant in the control of Treg cell proliferative potential. <i>Immunity</i> , 2021, 54, 1543-1560.e6.	14.3	42
61	Acute cognitive effects of standardised <i>Ginkgo biloba</i> extract complexed with phosphatidylserine. <i>Human Psychopharmacology</i> , 2007, 22, 199-210.	1.5	41
62	Liquid chromatography/atmospheric pressure chemical ionization ion trap mass spectrometry of bilobalide in plasma and brain of rats after oral administration of its phospholipidic complex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 224-227.	2.8	41
63	Polynucleotide phosphorylase hinders mRNA degradation upon ribosomal protein S1 overexpression in <i>Escherichia coli</i> . <i>Rna</i> , 2008, 14, 2417-2429.	3.5	40
64	A novel approach for the purification and proteomic analysis of pathogenic immunoglobulin free light chains from serum. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 409-419.	2.3	39
65	Analysis of <i>Stevia</i> glycosides by capillary electrophoresis. <i>Electrophoresis</i> , 1996, 17, 367-371.	2.4	37
66	MEKC Analysis of Different <i>Echinacea</i> Species. <i>Planta Medica</i> , 1998, 64, 649-652.	1.3	36
67	Dissecting <i>Escherichia coli</i> Outer Membrane Biogenesis Using Differential Proteomics. <i>PLoS ONE</i> , 2014, 9, e100941.	2.5	36
68	Thermospray liquid chromatography-mass spectrometry of flavonol glycosides from medicinal plants. <i>Journal of Chromatography A</i> , 1994, 661, 121-126.	3.7	35
69	Caloric Restriction Promotes Immunometabolic Reprogramming Leading to Protection from Tuberculosis. <i>Cell Metabolism</i> , 2021, 33, 300-318.e12.	16.2	35
70	Optimization of separation selectivity in capillary electrophoresis of flavonoids. <i>Journal of Chromatography A</i> , 1994, 680, 175-179.	3.7	34
71	Analysis of saccharides in beer samples by flow injection with electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 743-748.	1.5	34
72	Liquid chromatography/atmospheric pressure chemical ionization ion trap mass spectrometry of terpene lactones in plasma of animals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 633-639.	2.8	34

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73	GMP-compliant sponge-like dressing containing MSC lyo-secretome: Proteomic network of healing in a murine wound model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 37-48.	4.3	34
74	Determination of isoquinoline alkaloids from <i>Peumus boldus</i> by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1988, 457, 442-445.	3.7	33
75	Clinical proteomics for diagnosis and typing of systemic amyloidoses. <i>Proteomics - Clinical Applications</i> , 2013, 7, 136-143.	1.6	33
76	A comparative MudPIT analysis identifies different expression profiles in heart compartments. <i>Proteomics</i> , 2011, 11, 2320-2328.	2.2	32
77	Mass spectrometry-based tear proteomics for noninvasive biomarker discovery. <i>Mass Spectrometry Reviews</i> , 2022, 41, 842-860.	5.4	32
78	Theranostics in Boron Neutron Capture Therapy. <i>Life</i> , 2021, 11, 330.	2.4	32
79	Influence of structure on the behavior of flavonoids in capillary electrophoresis. <i>Electrophoresis</i> , 1994, 15, 1326-1331.	2.4	31
80	LC-MS characterization of terpene lactones in plasma of experimental animals treated with <i>Ginkgo biloba</i> extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 763-768.	2.8	31
81	Gene and Protein Expression in Response to Different Growth Temperatures and Oxygen Availability in <i>Burkholderia thailandensis</i> . <i>PLoS ONE</i> , 2014, 9, e93009.	2.5	31
82	Analysis of terpenes from <i>Ginkgo biloba</i> L. extracts by reversed phase high-performance liquid chromatography. <i>Chromatographia</i> , 1990, 29, 251-253.	1.3	30
83	Combination of Metabolomic and Proteomic Analysis Revealed Different Features among <i>Lactobacillus delbrueckii</i> Subspecies <i>bulgaricus</i> and <i>lactis</i> Strains While In Vivo Testing in the Model Organism <i>Caenorhabditis elegans</i> Highlighted Probiotic Properties. <i>Frontiers in Microbiology</i> , 2017, 8, 1206.	3.5	30
84	Proteomic analysis of <i>Mesembryanthemum crystallinum</i> leaf microsomal fractions finds an imbalance in V-ATPase stoichiometry during the salt-induced transition from C3 to CAM. <i>Biochemical Journal</i> , 2013, 450, 407-415.	3.7	28
85	Autonomous role of Wiskott-Aldrich syndrome platelet deficiency in inducing autoimmunity and inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1272-1284.	2.9	28
86	Reversed-phase high-performance liquid chromatographic method for the analysis of biflavones in <i>Ginkgo biloba</i> L. extracts. <i>Journal of Chromatography A</i> , 1988, 437, 453-456.	3.7	27
87	Ataxin-3 is subject to autolytic cleavage. <i>FEBS Journal</i> , 2006, 273, 4277-4286.	4.7	27
88	Identification of free phosphopeptides in different biological fluids by a mass spectrometry approach. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 147-159.	3.7	27
89	Extraction methods of red blood cell membrane proteins for Multidimensional Protein Identification Technology (MudPIT) analysis. <i>Journal of Chromatography A</i> , 2010, 1217, 5328-5336.	3.7	26
90	SARS-CoV-2 Infection Remodels the Phenotype and Promotes Angiogenesis of Primary Human Lung Endothelial Cells. <i>Microorganisms</i> , 2021, 9, 1438.	3.6	26

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91	Rapid liquid chromatography of terpenes in Ginkgo biloba L. extracts and products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1992, 10, 1077-1079.	2.8	25
92	Sulfate assimilation pathway intermediate phosphoadenosine 5â€²-phosphosulfate acts as a signal molecule affecting production of curli fibres in <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 1832-1844.	1.8	25
93	Urinary Proteomics Profiles Are Useful for Detection of Cancer Biomarkers and Changes Induced by Therapeutic Procedures. <i>Molecules</i> , 2019, 24, 794.	3.8	25
94	Methionine oxidation in $\alpha$ -synuclein inhibits its propensity for ordered secondary structure. <i>Journal of Biological Chemistry</i> , 2019, 294, 5657-5665.	3.4	25
95	Plasma circulating miR-23~27~24 clusters correlate with the immunometabolic derangement and predict C-peptide loss in children with type 1 diabetes. <i>Diabetologia</i> , 2020, 63, 2699-2712.	6.3	25
96	Blood Co-Circulating Extracellular microRNAs and Immune Cell Subsets Associate with Type 1 Diabetes Severity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 477.	4.1	25
97	Single-Tear Proteomics: A Feasible Approach to Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10750.	4.1	25
98	An improved HPLC determination of flavonoids in medicinal plant extracts. <i>Chromatographia</i> , 1989, 27, 509-512.	1.3	23
99	Analysis of flavonoids in medicinal plants. <i>Methods in Enzymology</i> , 2001, 335, 26-45.	1.0	22
100	Proteomic and biochemical analyses unveil tight interaction of ataxin-3 with tubulin. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2485-2492.	2.8	21
101	Biomarker discovery in asthma and COPD by proteomic approaches. <i>Proteomics - Clinical Applications</i> , 2014, 8, 901-915.	1.6	21
102	Competition for dominance within replicating quasispecies during prolonged SARS-CoV-2 infection in an immunocompromised host. <i>Virus Evolution</i> , 2022, 8, .	4.9	21
103	High-performance liquid chromatographic determination of flavonoid glucosides from <i>Helichrysum italicum</i> . <i>Journal of Chromatography A</i> , 1991, 537, 449-452.	3.7	20
104	Analysis of flavonoids by MECC with ultraviolet diode array detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1992, 10, 1041-1045.	2.8	20
105	Primary structure of the nuclear forms of phospholipid hydroperoxide glutathione peroxidase (PHGPx) in rat spermatozoa. <i>FEBS Letters</i> , 2005, 579, 667-670.	2.8	20
106	Glycosylated flavonoids from tomato puree are bioavailable in humans. <i>Nutrition Research</i> , 2005, 25, 717-726.	2.9	20
107	Interplay of the modified nucleotide phosphoadenosine 5â€²-phosphosulfate (PAPS) with global regulatory proteins in <i>Escherichia coli</i> : modulation of cyclic AMP (cAMP)-dependent gene expression and interaction with the HupA regulatory protein. <i>Chemico-Biological Interactions</i> , 2016, 259, 39-47.	4.0	20
108	Proteome Investigation of Rat Lungs subjected to Ex Vivo Perfusion (EVLV). <i>Molecules</i> , 2018, 23, 3061.	3.8	20



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109	Plasma exosomes characterization reveals a perioperative protein signature in older patients undergoing different types of on-pump cardiac surgery. <i>GeroScience</i> , 2021, 43, 773-789.	4.6	20
110	Electrospray ionization mass spectrometry of synthetic oligonucleotides using 2-propanol and spermidine. , 2000, 14, 243-249.		19
111	Metabolism of borono-phenylalanine-fructose complex (BPA-fr) and borocaptate sodium (BSH) in cancer patients-Results from EORTC trial 11001. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 284-287.	2.8	19
112	An exosomal-carried short periostin isoform induces cardiomyocyte proliferation. <i>Theranostics</i> , 2021, 11, 5634-5649.	10.0	19
113	Determination of isoflavones from <i>Ononis spinosa</i> L. extracts by high-performance liquid chromatography with ultraviolet diode-array detection. <i>Journal of Chromatography A</i> , 1990, 513, 397-400.	3.7	18
114	High-performance liquid chromatographic analysis of flavonol glycosides of <i>Solidago virgaurea</i> . <i>Journal of Chromatography A</i> , 1991, 558, 296-301.	3.7	18
115	High-performance liquid chromatography with diode-array ultraviolet detection of methoxylated flavones in <i>Orthosiphon</i> leaves. <i>Journal of Chromatography A</i> , 1991, 547, 439-442.	3.7	18
116	LC-APCI-MS/MS analysis of urinary 8-hydroxy-2-deoxyguanosine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 657-661.	2.8	18
117	The C2 variant of human serum transferrin retains the iron binding properties of the native protein. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1741, 264-270.	3.8	18
118	Sodium mercaptoundecahydro-closo-dodecaborate (BSH), a boron carrier that merits more attention. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1760-1764.	1.5	18
119	Proteomic Analysis of Urine Exosomes Reveals Renal Tubule Response to <i>Leptospiral</i> Colonization in Experimentally Infected Rats. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003640.	3.0	18
120	Large Scale Proteomic Data and Network-Based Systems Biology Approaches to Explore the Plant World. <i>Proteomes</i> , 2018, 6, 27.	3.5	18
121	Blockade of IGF2R improves muscle regeneration and ameliorates Duchenne muscular dystrophy. <i>EMBO Molecular Medicine</i> , 2020, 12, e11019.	6.9	18
122	Determination of sunscreen agents by micellar electrokinetic chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 229-235.	2.8	17
123	Capillary electrophoresis of isoquinoline alkaloids from <i>Chelidonium Majus</i> L.. <i>Phytochemical Analysis</i> , 1995, 6, 196-202.	2.4	16
124	HPLC and MEKC determination of major flavonoids in selected food pools. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 352, 788-792.	1.5	16
125	Plasma Galectin-3 and urine proteomics predict FEV1 improvement in omalizumab-treated patients with severe allergic asthma: Results from the PROXIMA sub-study. <i>World Allergy Organization Journal</i> , 2020, 13, 100095.	3.5	16
126	Assay of soluble guanylate cyclase activity by isocratic high-performance liquid chromatography. <i>Biomedical Applications</i> , 1997, 690, 343-347.	1.7	15



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127	Characterization of surface layer proteins from <i>Clostridium difficile</i> by liquid chromatography/electrospray ionization mass spectrometry. , 1999, 13, 695-703.		15
128	MudPIT analysis of released proteins in <i>Pseudomonas aeruginosa</i> laboratory and clinical strains in relation to pro-inflammatory effects. Integrative Biology (United Kingdom), 2012, 4, 270-279.	1.3	15
129	PTX3 Predicts Myocardial Damage and Fibrosis in Duchenne Muscular Dystrophy. Frontiers in Physiology, 2020, 11, 403.	2.8	15
130	Application of HPLC and MECC for the detection of flavonol aglycones in plant extracts. Journal of High Resolution Chromatography, 1992, 15, 136-139.	1.4	14
131	MEKC as an Improved Method to Detect Falsifications in the Flowers of <i>Arnica montana</i> and <i>A. chamissonis</i> . Planta Medica, 1994, 60, 369-372.	1.3	14
132	New approach for the detection of BSH and its metabolites using capillary electrophoresis and electrospray ionization mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 788, 9-16.	2.3	14
133	Analysis of 10B antitumoral compounds by means of flow-injection into ESI-MS/MS. Journal of Mass Spectrometry, 2005, 40, 1546-1549.	1.6	14
134	Analysis of <i>Pseudomonas aeruginosa</i> Cell Envelope Proteome by Capture of Surface-Exposed Proteins on Activated Magnetic Nanoparticles. PLoS ONE, 2012, 7, e51062.	2.5	14
135	Availability of MudPIT data for classification of biological samples. Journal of Clinical Bioinformatics, 2013, 3, 1.	1.2	14
136	The Landscape of <i>Pseudomonas aeruginosa</i> Membrane-Associated Proteins. Cells, 2020, 9, 2421.	4.1	14
137	Network Topological Analysis for the Identification of Novel Hubs in Plant Nutrition. Frontiers in Plant Science, 2021, 12, 629013.	3.6	14
138	<sup>99m</sup> Tc-Radiolabeled Silica Nanocarriers for Targeted Detection and Treatment of HER2-Positive Breast Cancer. International Journal of Nanomedicine, 2021, Volume 16, 1943-1960.	6.7	14
139	Comprehensive Profiling of Secretome Formulations from Fetal- and Perinatal Human Amniotic Fluid Stem Cells. International Journal of Molecular Sciences, 2021, 22, 3713.	4.1	14
140	A New Pathway Promotes Adaptation of Human Glioblastoma Cells to Glucose Starvation. Cells, 2020, 9, 1249.	4.1	14
141	Proteomic Analysis of Lymphoblastoid Cells from Nasu-Hakola Patients: A Step Forward in Our Understanding of This Neurodegenerative Disorder. PLoS ONE, 2014, 9, e110073.	2.5	13
142	Cellulose production is coupled to sensing of the pyrimidine biosynthetic pathway via c-di-GMP production by the DgcQ protein of <i>Escherichia coli</i> . Environmental Microbiology, 2017, 19, 4551-4563.	3.8	13
143	Letter: Fast Atom Bombardment, Electrospray, Ionspray and Tandem Mass Spectrometry of 1:1 β <sup>2</sup> -Cyclodextrin/5-Methoxytryptamine Hydrochloride Host-Guest Complex: Host Protonation and Fragmentation Due to Guest Deamination. European Journal of Mass Spectrometry, 2000, 6, 169-174.	1.0	12
144	New approach for rapid detection of known hemoglobin variants using LC-MS/MS combined with a peptide database. Journal of Mass Spectrometry, 2007, 42, 288-292.	1.6	12

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145	High-performance liquid chromatographic analysis of Î²-escin. Journal of Chromatography A, 1989, 478, 259-263.	3.7	12
146	Cell Kinetics of Melanocytes in Common and Dysplastic Nevi and in Primary and Metastatic Cutaneous Melanoma. Pathology Research and Practice, 1992, 188, 323-329.	2.3	11
147	Multidimensional Protein Identification Technology for Direct-Tissue Proteomics of Heart. Methods in Molecular Biology, 2013, 1005, 25-38.	0.9	11
148	Emerging MS-based platforms for the characterization of tumor-derived exosomes isolated from human biofluids: challenges and promises of MudPIT. Expert Review of Proteomics, 2017, 14, 757-767.	3.0	11
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