Pietroluigi Mauri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9271028/publications.pdf

Version: 2024-02-01

217 papers	8,891 citations	61687 45 h-index	62345 84 g-index
224 all docs	224 docs citations	224 times ranked	12820 citing authors

#	Article	IF	Citations
1	Mass spectrometryâ€based tear proteomics for noninvasive biomarker discovery. Mass Spectrometry Reviews, 2022, 41, 842-860.	2.8	32
2	Presence of a Mitovirus Is Associated with Alteration of the Mitochondrial Proteome, as Revealed by Proteinâ€“Protein Interaction (PPI) and Co-Expression Network Models in Chenopodium quinoa Plants. Biology, 2022, 11, 95.	1.3	8
3	Microvesicles released from activated CD4 ⁺ T cells alter microvascular endothelial cell function. European Journal of Clinical Investigation, 2022, , e13769.	1.7	3
4	Extracellular Release of HMGB1 as an Early Potential Biomarker for the Therapeutic Response in a Xenograft Model of Boron Neutron Capture Therapy. Biology, 2022, 11, 420.	1.3	7
5	Effective high-throughput isolation of enriched platelets and circulating pro-angiogenic cells to accelerate skin-wound healing. Cellular and Molecular Life Sciences, 2022, 79, 259.	2.4	3
6	Competition for dominance within replicating quasispecies during prolonged SARS-CoV-2 infection in an immunocompromised host. Virus Evolution, 2022, 8, .	2.2	21
7	Plasma exosomes characterization reveals a perioperative protein signature in older patients undergoing different types of on-pump cardiac surgery. GeroScience, 2021, 43, 773-789.	2.1	20
8	An exosomal-carried short periostin isoform induces cardiomyocyte proliferation. Theranostics, 2021, 11, 5634-5649.	4.6	19
9	Network Topological Analysis for the Identification of Novel Hubs in Plant Nutrition. Frontiers in Plant Science, 2021, 12, 629013.	1.7	14
10	Caloric Restriction Promotes Immunometabolic Reprogramming Leading to Protection from Tuberculosis. Cell Metabolism, 2021, 33, 300-318.e12.	7.2	35
11	Shotgun Proteomics of Isolated Urinary Extracellular Vesicles for Investigating Respiratory Impedance in Healthy Preschoolers. Molecules, 2021, 26, 1258.	1.7	2
12	99mTc-Radiolabeled Silica Nanocarriers for Targeted Detection and Treatment of HER2-Positive Breast Cancer. International Journal of Nanomedicine, 2021, Volume 16, 1943-1960.	3.3	14
13	Clinical Amyloid Typing by Proteomics: Performance Evaluation and Data Sharing between Two Centres. Molecules, 2021, 26, 1913.	1.7	5
14	Theranostics in Boron Neutron Capture Therapy. Life, 2021, 11, 330.	1.1	32
15	Comprehensive Profiling of Secretome Formulations from Fetal- and Perinatal Human Amniotic Fluid Stem Cells. International Journal of Molecular Sciences, 2021, 22, 3713.	1.8	14
16	Profiling Dopamine-Induced Oxidized Proteoforms of Î²-synuclein by Top-Down Mass Spectrometry. Antioxidants, 2021, 10, 893.	2.2	1
17	Equine Mesenchymal Stem/Stromal Cells Freeze-Dried Secretome (Lyosecretome) for the Treatment of Musculoskeletal Diseases: Production Process Validation and Batch Release Test for Clinical Use. Pharmaceuticals, 2021, 14, 553.	1.7	11
18	Signals of pseudo-starvation unveil the amino acid transporter SLC7A11 as key determinant in the control of Treg cell proliferative potential. Immunity, 2021, 54, 1543-1560.e6.	6.6	42

#	Article	IF	Citations
19	SARS-CoV-2 Infection Remodels the Phenotype and Promotes Angiogenesis of Primary Human Lung Endothelial Cells. Microorganisms, 2021, 9, 1438.	1.6	26
20	Analysing omics data sets with weighted nodes networks (WNNets). Scientific Reports, 2021, 11, 14447.	1.6	1
21	A Shotgun Proteomic Platform for a Global Mapping of Lymphoblastoid Cells to Gain Insight into Nasu-Hakola Disease. International Journal of Molecular Sciences, 2021, 22, 9959.	1.8	2
22	Single-Tear Proteomics: A Feasible Approach to Precision Medicine. International Journal of Molecular Sciences, 2021, 22, 10750.	1.8	25
23	CD4+ T-Cell Activation Prompts Suppressive Function by Extracellular Vesicle-Associated MicroRNAs. Frontiers in Cell and Developmental Biology, 2021, 9, 753884.	1.8	3
24	A Boron Delivery Antibody (BDA) with Boronated Specific Residues: New Perspectives in Boron Neutron Capture Therapy from an In Silico Investigation. Cells, 2021, 10, 3225.	1.8	5
25	Intravenous administration of cardiac progenitor cell-derived exosomes protects against doxorubicin/trastuzumab-induced cardiac toxicity. Cardiovascular Research, 2020, 116, 383-392.	1.8	91
26	Blockade of IGF2R improves muscle regeneration and ameliorates Duchenne muscular dystrophy. EMBO Molecular Medicine, 2020, 12, e11019.	3.3	18
27	Formate dehydrogenase takes part in molybdenum and iron homeostasis and affects dark-induced senescence in plants. Journal of Plant Interactions, 2020, 15, 386-397.	1.0	9
28	GMP-compliant sponge-like dressing containing MSC lyo-secretome: Proteomic network of healing in a murine wound model. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 155, 37-48.	2.0	34
29	Plasma circulating miR-23~27~24 clusters correlate with the immunometabolic derangement and predict C-peptide loss in children with type 1 diabetes. Diabetologia, 2020, 63, 2699-2712.	2.9	25
30	Gcn5p and Ubp8p Affect Protein Ubiquitylation and Cell Proliferation by Altering the Fermentative/Respiratory Flux Balance in Saccharomyces cerevisiae. MBio, 2020, 11, .	1.8	6
31	Immune profiling of plasma-derived extracellular vesicles identifies Parkinson disease. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	45
32	Plasma Galectin-3 and urine proteomics predict FEV1 improvement in omalizumab-treated patients with severe allergic asthma: Results from the PROXIMA sub-study. World Allergy Organization Journal, 2020, 13, 100095.	1.6	16
33	The Landscape of Pseudomonas aeruginosa Membrane-Associated Proteins. Cells, 2020, 9, 2421.	1.8	14
34	PTX3 Predicts Myocardial Damage and Fibrosis in Duchenne Muscular Dystrophy. Frontiers in Physiology, 2020, 11, 403.	1.3	15
35	Blood Co-Circulating Extracellular microRNAs and Immune Cell Subsets Associate with Type 1 Diabetes Severity. International Journal of Molecular Sciences, 2020, 21, 477.	1.8	25
36	A New Pathway Promotes Adaptation of Human Glioblastoma Cells to Glucose Starvation. Cells, 2020, 9, 1249.	1.8	14

#	Article	IF	Citations
37	Adipose Mesenchymal Extracellular Vesicles as Alpha-1-Antitrypsin Physiological Delivery Systems for Lung Regeneration. Cells, 2019, 8, 965.	1.8	48
38	Lentiviral gene therapy corrects platelet phenotype and function in patients with Wiskott-Aldrich syndrome. Journal of Allergy and Clinical Immunology, 2019, 144, 825-838.	1.5	50
39	Urinary Proteomics Profiles Are Useful for Detection of Cancer Biomarkers and Changes Induced by Therapeutic Procedures. Molecules, 2019, 24, 794.	1.7	25
40	Cryo-EM structure of cardiac amyloid fibrils from an immunoglobulin light chain AL amyloidosis patient. Nature Communications, 2019, 10, 1269.	5.8	113
41	Methionine oxidation in Î±-synuclein inhibits its propensity for ordered secondary structure. Journal of Biological Chemistry, 2019, 294, 5657-5665.	1.6	25
42	Cardioprotection by cardiac progenitor cell-secreted exosomes: role of pregnancy-associated plasma protein-A. Cardiovascular Research, 2018, 114, 992-1005.	1.8	178
43	Autonomous role of Wiskott-Aldrich syndrome platelet deficiency in inducing autoimmunity and inflammation. Journal of Allergy and Clinical Immunology, 2018, 142, 1272-1284.	1.5	28
44	Proteome Investigation of Rat Lungs subjected to Ex Vivo Perfusion (EVLP). Molecules, 2018, 23, 3061.	1.7	20
45	Pilot Production of Mesenchymal Stem/Stromal Freeze-Dried Secretome for Cell-Free Regenerative Nanomedicine: A Validated GMP-Compliant Process. Cells, 2018, 7, 190.	1.8	108
46	Large Scale Proteomic Data and Network-Based Systems Biology Approaches to Explore the Plant World. Proteomes, 2018, 6, 27.	1.7	18
47	Neuromelanin organelles are specialized autolysosomes that accumulate undegraded proteins and lipids in aging human brain and are likely involved in Parkinsonâ€™s disease. Npj Parkinson's Disease, 2018, 4, 17.	2.5	101
48	Serum GAL3 predict response in omalizumab-treated patients with severe allergic asthma: the PROXIMA study. , 2018, , .		0
49	From protein-protein interactions to protein co-expression networks: a new perspective to evaluate large-scale proteomic data. Eurasip Journal on Bioinformatics and Systems Biology, 2017, 2017, 6.	1.4	81
50	Proteomics-based network analysis characterizes biological processes and pathways activated by preconditioned mesenchymal stem cells in cardiac repair mechanisms. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1190-1199.	1.1	9
51	Misidentification of transthyretin and immunoglobulin variants by proteomics due to methyl lysine formation in formalin-fixed paraffin-embedded amyloid tissue. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 229-237.	1.4	8
52	The polyglutamine protein ataxin-3 enables normal growth under heat shock conditions in the methylotrophic yeast Pichia pastoris. Scientific Reports, 2017, 7, 13417.	1.6	0
53	Cellulose production is coupled to sensing of the pyrimidine biosynthetic pathway via câ€diâ€GMP production by the DgcQ protein of Escherichia coli. Environmental Microbiology, 2017, 19, 4551-4563.	1.8	13
54	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.	1.3	11

#	Article	IF	Citations
55	Galectin-3: an early predictive biomarker of modulation of airway remodeling in patients with severe asthma treated with omalizumab for 36Âmonths. Clinical and Translational Allergy, 2017, 7, 6.	1.4	55
56	Molybdenum and iron mutually impact their homeostasis in cucumber (Cucumis sativus) plants. New Phytologist, 2017, 213, 1222-1241.	3.5	65
57	Combination of Metabolomic and Proteomic Analysis Revealed Different Features among Lactobacillus delbrueckii Subspecies bulgaricus and lactis Strains While In Vivo Testing in the Model Organism Caenorhabditis elegans Highlighted Probiotic Properties. Frontiers in Microbiology, 2017, 8, 1206.	1.5	30
58	Proteomics analysis of asthma biomarkers: proxima sub-study. , 2017, , .		0
59	Azithromycin Attenuates Pseudomonas-Induced Lung Inflammation by Targeting Bacterial Proteins Secreted in the Cultured Medium. Frontiers in Immunology, 2016, 7, 499.	2.2	10
60	Interplay of the modified nucleotide phosphoadenosine 5â€²-phosphosulfate (PAPS) with global regulatory proteins in Escherichia coli : modulation of cyclic AMP (cAMP)-dependent gene expression and interaction with the HupA regulatory protein. Chemico-Biological Interactions, 2016, 259, 39-47.	1.7	20
61	Proteomics as an innovative tool to investigate frontotemporal disorders. Proteomics - Clinical Applications, 2016, 10, 457-469.	0.8	6
62	Differential Proteomics Based on Multidimensional Protein Identification Technology to Understand the Biogenesis of Outer Membrane of Escherichia coli. Methods in Molecular Biology, 2016, 1440, 57-70.	0.4	1
63	The Proteomic Landscape of Human ExÂVivo Regulatory and Conventional T Cells Reveals Specific Metabolic Requirements. Immunity, 2016, 44, 406-421.	6.6	201
64	Bottom-Up Proteomics. , 2016, , 155-185.		1
65	Feasibility of shotgun urinary proteomics for investigating prematurely born preschoolers (PBP). , 2016, , .		0
66	The protective and toxic role of neuromelanins in brain aging and Parkinsonâ€™s disease. SpringerPlus, 2015, 4, .	1.2	3
67	Automated Extraction of Proteotypic Peptides by Shotgun Proteomic Experiments: A New Computational Tool and Two Actual Cases. Current Biotechnology, 2015, 4, 39-45.	0.2	4
68	Proteomic Analysis of Urine Exosomes Reveals Renal Tubule Response to Leptospiral Colonization in Experimentally Infected Rats. PLoS Neglected Tropical Diseases, 2015, 9, e0003640.	1.3	18
69	Selenocysteine oxidation in glutathione peroxidase catalysis: an MS-supported quantum mechanics study. Free Radical Biology and Medicine, 2015, 87, 1-14.	1.3	100
70	Biomarkers and severe asthma: a critical appraisal. Clinical and Molecular Allergy, 2015, 13, 20.	0.8	49
71	The role of protein and peptide separation before mass spectrometry analysis in clinical proteomics. Journal of Chromatography A, 2015, 1381, 1-12.	1.8	63
72	The Role of Differential Proteomics in Amyloid Typing: The Experience of the Pavia Referral Center. Current Clinical Pathology, 2015, , 323-330.	0.0	0

#	Article	IF	Citations
73	Gene and Protein Expression in Response to Different Growth Temperatures and Oxygen Availability in Burkholderia thailandensis. PLoS ONE, 2014, 9, e93009.	1.1	31
74	Dissecting Escherichia coli Outer Membrane Biogenesis Using Differential Proteomics. PLoS ONE, 2014, 9, e100941.	1.1	36
75	Proteomic Analysis of Lymphoblastoid Cells from Nasu-Hakola Patients: A Step Forward in Our Understanding of This Neurodegenerative Disorder. PLoS ONE, 2014, 9, e110073.	1.1	13
76	Proteomics of bronchial biopsies: Galectin-3 as a predictive biomarker of airway remodelling modulation in omalizumab-treated severe asthma patients. Immunology Letters, 2014, 162, 2-10.	1.1	95
77	Regional mapping of myocardial hibernation phenotype in idiopathic endâ€stage dilated cardiomyopathy. Journal of Cellular and Molecular Medicine, 2014, 18, 396-414.	1.6	42
78	Biomarker discovery in asthma and COPD by proteomic approaches. Proteomics - Clinical Applications, 2014, 8, 901-915.	0.8	21
79	MHC-I expression renders catecholaminergic neurons susceptible to T-cell-mediated degeneration. Nature Communications, 2014, 5, 3633.	5.8	254
80	Sulfate assimilation pathway intermediate phosphoadenosine 5â€²-phosphosulfate acts as a signal molecule affecting production of curli fibres in Escherichia coli. Microbiology (United Kingdom), 2014, 160, 1832-1844.	0.7	25
81	Availability of MudPIT data for classification of biological samples. Journal of Clinical Bioinformatics, 2013, 3, 1.	1.2	14
82	A novel human anti-syndecan-1 antibody inhibits vascular maturation and tumour growth in melanoma. European Journal of Cancer, 2013, 49, 2022-2033.	1.3	44
83	Developmental Arrest and Mouse Antral Not-Surrounded Nucleolus Oocytes1. Biology of Reproduction, 2013, 88, 2.	1.2	56
84	Clinical proteomics for diagnosis and typing of systemic amyloidoses. Proteomics - Clinical Applications, 2013, 7, 136-143.	0.8	33
85	The Circulating Level of FABP3 Is an Indirect Biomarker of MicroRNA-1. Journal of the American College of Cardiology, 2013, 61, 88-95.	1.2	56
86	Multidimensional Protein Identification Technology for Direct-Tissue Proteomics of Heart. Methods in Molecular Biology, 2013, 1005, 25-38.	0.4	11
87	Shotgun Protein Profile of Human Adipose Tissue and Its Changes in Relation to Systemic Amyloidoses. Journal of Proteome Research, 2013, 12, 5642-5655.	1.8	45
88	Proteomic analysis of Mesembryanthemum crystallinum leaf microsomal fractions finds an imbalance in V-ATPase stoichiometry during the salt-induced transition from C3 to CAM. Biochemical Journal, 2013, 450, 407-415.	1.7	28
89	Proteome Profiling of Neuroblastoma-Derived Exosomes Reveal the Expression of Proteins Potentially Involved in Tumor Progression. PLoS ONE, 2013, 8, e75054.	1.1	122
90	Processing of Mass Spectrometry Data in Clinical Applications. Translational Bioinformatics, 2013, , 207-233.	0.0	1

#	Article	IF	Citations
91	Changes in tissue proteome associated with ATTR amyloidosis: insights into pathogenesis. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 11-13.	1.4	8
92	Reliable typing of systemic amyloidoses through proteomic analysis of subcutaneous adipose tissue. Blood, 2012, 119, 1844-1847.	0.6	155
93	Chrolactomycins from the Actinomycete Actinospica. Journal of Natural Products, 2012, 75, 1991-1993.	1.5	10
94	MudPIT analysis of released proteins inPseudomonas aeruginosalaboratory and clinical strains in relation to pro-inflammatory effects. Integrative Biology (United Kingdom), 2012, 4, 270-279.	0.6	15
95	Proteomic Investigations for Boron Neutron Capture Therapy. , 2012, , 189-200.		0
96	CXCL12 and [N33A]CXCL12 in 5637 and HeLa Cells: Regulating HER1 Phosphorylation via Calmodulin/Calcineurin. PLoS ONE, 2012, 7, e34432.	1.1	10
97	Analysis of Pseudomonas aeruginosa Cell Envelope Proteome by Capture of Surface-Exposed Proteins on Activated Magnetic Nanoparticles. PLoS ONE, 2012, 7, e51062.	1.1	14
98	Bioinformatics Tools for Mass Spectrometry-based Proteomics Analysis. , 2012, , 30-51.		2
99	Sodium mercaptoundecahydro-closo-dodecaborate (BSH), a boron carrier that merits more attention. Applied Radiation and Isotopes, 2011, 69, 1760-1764.	0.7	18
100	A comparative MudPIT analysis identifies different expression profiles in heart compartments. Proteomics, 2011, 11, 2320-2328.	1.3	32
101	A novel approach for the purification and proteomic analysis of pathogenic immunoglobulin free light chains from serum. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 409-419.	1.1	39
102	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.	1.8	59
103	Chemokine nitration prevents intratumoral infiltration of antigen-specific T cells. Journal of Experimental Medicine, 2011, 208, 1949-1962.	4.2	547
104	Metabolism of borono-phenylalanineâ€“fructose complex (BPAâ€“fr) and borocaptate sodium (BSH) in cancer patientsâ€”Results from EORTC trial 11001. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 284-287.	1.4	19
105	Characterization of factor VIII pharmaceutical preparations by means of MudPIT proteomic approach. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 50-57.	1.4	9
106	Extraction methods of red blood cell membrane proteins for Multidimensional Protein Identification Technology (MudPIT) analysis. Journal of Chromatography A, 2010, 1217, 5328-5336.	1.8	26
107	Identification by MS/MS of Disulfides Produced by a Functional Redox Transition. Methods in Enzymology, 2010, 473, 217-225.	0.4	7
108	Macrophages may promote cancer growth via a GM-CSF/HB-EGF paracrine loop that is enhanced by CXCL12. Molecular Cancer, 2010, 9, 273.	7.9	99

#	Article	IF	Citations
109	Multidimensional protein identification technology for clinical proteomic analysis. Clinical Chemistry and Laboratory Medicine, 2009, 47, 636-46.	1.4	42
110	Boron imaging with a microstrip silicon detector for applications in BNCT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 82-85.	0.7	2
111	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. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 224-227.	1.4	41
112	Proteomic and biochemical analyses unveil tight interaction of ataxin-3 with tubulin. International Journal of Biochemistry and Cell Biology, 2009, 41, 2485-2492.	1.2	21
113	Boron analysis and boron imaging in biological materials for Boron Neutron Capture Therapy (BNCT). Critical Reviews in Oncology/Hematology, 2008, 68, 66-90.	2.0	117
114	Differential liquid phase proteomic analysis of the effect of selenium supplementation in LNCaP cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 865, 63-73.	1.2	5
115	Identification of free phosphopeptides in different biological fluids by a mass spectrometry approach. Analytical and Bioanalytical Chemistry, 2008, 392, 147-159.	1.9	27
116	A combined approach of mass spectrometry, molecular modeling, and siteâ€directed mutagenesis highlights key structural features responsible for the thermostability ofSulfolobus solfataricuscarboxypeptidase. Proteins: Structure, Function and Bioinformatics, 2008, 71, 1843-1852.	1.5	6
117	The Catalytic Site of Glutathione Peroxidases. Antioxidants and Redox Signaling, 2008, 10, 1515-1526.	2.5	151
118	Polynucleotide phosphorylase hinders mRNA degradation upon ribosomal protein S1 overexpression in Escherichia coli. Rna, 2008, 14, 2417-2429.	1.6	40
119	Chapter 6 A Proteomic Approach to the Analysis of RNA Degradosome Composition in Escherichia coli. Methods in Enzymology, 2008, 447, 99-117.	0.4	53
120	Fractionation Techniques Improve the Proteomic Analysis of Human Serum. Current Pharmaceutical Analysis, 2008, 4, 69-77.	0.3	7
121	Pharmaceutical and Biomedical Analysis of Terpene Constituents in Salvia miltiorrhiza. Current Pharmaceutical Analysis, 2008, 4, 249-257.	0.3	10
122	The Thioredoxin Specificity of Drosophila GPx: A Paradigm for a Peroxiredoxin-like Mechanism of many Glutathione Peroxidases. Journal of Molecular Biology, 2007, 365, 1033-1046.	2.0	113
123	Acute cognitive effects of standardised Ginkgo biloba extract complexed with phosphatidylserine. Human Psychopharmacology, 2007, 22, 199-210.	0.7	41
124	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.	0.7	12
125	Analysis of the Escherichia coli RNA degradosome composition by a proteomic approach. Biochimie, 2006, 88, 151-161.	1.3	73
126	Metallothionein-Iâ€“II expression in young and adult bovine pineal gland. Journal of Chemical Neuroanatomy, 2006, 31, 124-129.	1.0	6

#	Article	IF	Citations
127	Ataxin-3 is subject to autolytic cleavage. FEBS Journal, 2006, 273, 4277-4286.	2.2	27
128	LCâ€“MS characterization of terpene lactones in plasma of experimental animals treated with Ginkgo biloba extracts. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 763-768.	1.4	31
129	Non-invasive cancer detection: Strategies for the identification of novel cancer markers. IUBMB Life, 2006, 58, 193-198.	1.5	9
130	The Mycobacterial Thioredoxin Peroxidase Can Act as a One-cysteine Peroxiredoxin. Journal of Biological Chemistry, 2006, 281, 20555-20566.	1.6	42
131	Analysis of10B antitumoral compounds by means of flow-injection into ESI-MS/MS. Journal of Mass Spectrometry, 2005, 40, 1546-1549.	0.7	14
132	Copper and zinc dismetabolism in the mouse brain upon chronic cuprizone treatment. Cellular and Molecular Life Sciences, 2005, 62, 1502-1513.	2.4	74
133	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. Journal of Biological Chemistry, 2005, 280, 38395-38402.	1.6	81
134	Identification of proteins released by pancreatic cancer cells by multidimensional protein identification technology: a strategy for identification of novel cancer markers. FASEB Journal, 2005, 19, 1125-1127.	0.2	122
135	The C2 variant of human serum transferrin retains the iron binding properties of the native protein. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1741, 264-270.	1.8	18
136	Primary structure of the nuclear forms of phospholipid hydroperoxide glutathione peroxidase (PHGPx) in rat spermatozoa. FEBS Letters, 2005, 579, 667-670.	1.3	20
137	Glycosylated flavonoids from tomato puree are bioavailable in humans. Nutrition Research, 2005, 25, 717-726.	1.3	20
138	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. Clinical Chemistry, 2004, 50, 166-174.	1.5	587
139	Liquid chromatography/atmospheric pressure chemical ionization ion trap mass spectrometry of terpene lactones in plasma of animals. Journal of Pharmaceutical and Biomedical Analysis, 2003, 32, 633-639.	1.4	34
140	LC-APCI-MS/MS analysis of urinary 8-hydroxy-2â€²-deoxyguanosine. Journal of Pharmaceutical and Biomedical Analysis, 2003, 32, 657-661.	1.4	18
141	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.	1.2	14
142	Polyphenol Pattern and Antioxidant Activity of Different Tomato Lines and Cultivars. Annals of Nutrition and Metabolism, 2003, 47, 64-69.	1.0	114
143	Versatility of Selenium Catalysis in PHGPx Unraveled by LC/ESI-MS/MS. Biological Chemistry, 2003, 384, 575-88.	1.2	90
144	Quantitative Characterization of Flavonoid Compounds in Rooibos Tea (Aspalathus linearis) by LCâ^'UV/DAD. Journal of Agricultural and Food Chemistry, 2002, 50, 5513-5519.	2.4	114

#	Article	IF	Citations
145	Approved IFCC Reference Method for the Measurement of HbA1c in Human Blood. Clinical Chemistry and Laboratory Medicine, 2002, 40, 78-89.	1.4	525
146	Analysis of saccharides in beer samples by flow injection with electrospray mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 743-748.	0.7	34
147	Analysis of flavonoids in medicinal plants. Methods in Enzymology, 2001, 335, 26-45.	0.4	22
148	Liquid chromatography/atmospheric pressure chemical ionization mass spectrometry of terpene lactones in plasma of volunteers dosed withGinkgo biloba L. extracts. Rapid Communications in Mass Spectrometry, 2001, 15, 929-934.	0.7	82
149	Molecular and Genomic Analysis of Genes Encoding Surface-Anchored Proteins from Clostridium difficile. Infection and Immunity, 2001, 69, 3442-3446.	1.0	84
150	Letter: Fast Atom Bombardment, Electrospray, Ionspray and Tandem Mass Spectrometry of 1:1 Î²-Cyclodextrin/5-Methoxytryptamine Hydrochloride Hostâ€"Guest Complex: Host Protonation and Fragmentation Due to Guest Deamination. European Journal of Mass Spectrometry, 2000, 6, 169-174.	0.5	12
151	High performance liquid chromatography/electrospray mass spectrometry ofHypericum perforatum extracts. , 2000, 14, 95-99.		62
152	Electrospray ionization mass spectrometry of synthetic oligonucleotides using 2-propanol and spermidine. , 2000, 14, 243-249.		19
153	Electrospray characterization of selected medicinal plant extracts. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 61-68.	1.4	81
154	Trolox equivalent antioxidant capacity (TEAC) of Ginkgo biloba flavonol and Camellia sinensis catechin metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 223-226.	1.4	46
155	Characterization of surface layer proteins from Clostridium difficile by liquid chromatography/electrospray ionization mass spectrometry. , 1999, 13, 695-703.		15
156	Liquid chromatography/electrospray ionization mass spectrometric characterization of flavonol glycosides in tomato extracts and human plasma. , 1999, 13, 924-931.		54
157	Study of the reaction of glucose with free bases, nucleosides and nucleotides by different analytical approaches. , 1999, 13, 2063-2067.		0
158	Liquid chromatography/electrospray mass spectrometry of bioactive terpenoids inGinkgo biloba L.. , 1999, 34, 1361-1367.		43
159	Antioxidant Activity of Selected Medicinal Plants. Journal of Agricultural and Food Chemistry, 1998, 46, 4487-4490.	2.4	225
160	MEKC Analysis of DifferentEchinaceaSpecies. Planta Medica, 1998, 64, 649-652.	0.7	36
161	Assay of soluble guanylate cyclase activity by isocratic high-performance liquid chromatography. Biomedical Applications, 1997, 690, 343-347.	1.7	15
162	Identification of Ginkgo biloba flavonol metabolites after oral administration to humans. Biomedical Applications, 1997, 693, 249-255.	1.7	65

#	Article	IF	Citations
163	Separation of Sesquiterpene Lactones from Arnicae Flos DAB 10 by Micellar Electrokinetic Chromatography. Phytochemical Analysis, 1997, 8, 5-8.	1.2	8
164	Analytical strategies in the structural characterization of elcatonin. , 1997, 11, 1292-1296.		1
165	Analysis ofStevia glycosides by capillary electrophoresis. Electrophoresis, 1996, 17, 367-371.	1.3	37
166	High-performance liquid chromatographic assay of glycosyltransferases using flavonoids as substrate. Journal of Chromatography A, 1995, 691, 331-336.	1.8	10
167	Capillary electrophoresis of isoquinoline alkaloids fromChelidonium Majus L.. Phytochemical Analysis, 1995, 6, 196-202.	1.2	16
168	Identification of flavonoid metabolites after oral administration to rats of a Ginkgo biloba extract. Biomedical Applications, 1995, 673, 75-80.	1.7	44
169	Determination of sunscreen agents by micellar electrokinetic chromatography. Journal of Pharmaceutical and Biomedical Analysis, 1995, 13, 229-235.	1.4	17
170	HPLC and MEKC determination of major flavonoids in selected food pools. Fresenius' Journal of Analytical Chemistry, 1995, 352, 788-792.	1.5	16
171	Echinacoside and Caffeoyl Conjugates Protect Collagen from Free Radical-Induced Degradation: A Potential Use ofEchinaceaExtracts in the Prevention of Skin Photodamage. Planta Medica, 1995, 61, 510-514.	0.7	108
172	MEKC as an Improved Method to Detect Falsifications in the Flowers ofArnica montanaandA. chamissonis. Planta Medica, 1994, 60, 369-372.	0.7	14
173	Micellar electrokinetic chromatographic/ultraviolet diode array analysis ofEleutherococcus senticosus. Phytochemical Analysis, 1994, 5, 305-308.	1.2	6
174	Identification of the main flavonoids by use of chromatographic, electrophoretic, and â€˜on-lineâ€™ spectral data. Journal of High Resolution Chromatography, 1994, 17, 616-618.	2.0	8
175	Influence of structure on the behavior of flavonoids in capillary electrophoresis. Electrophoresis, 1994, 15, 1326-1331.	1.3	31
176	Optimization of separation selectivity in capillary electrophoresis of flavonoids. Journal of Chromatography A, 1994, 680, 175-179.	1.8	34
177	Thermospray liquid chromatography-mass spectrometry of flavonol glycosides from medicinal plants. Journal of Chromatography A, 1994, 661, 121-126.	1.8	35
178	Improved procedure for the preparation of DNA restriction fragments suitable for sequencing. Applied Biochemistry and Biotechnology, 1994, 44, 119-124.	1.4	0
179	High-performance liquid chromatography and micellar electrokinetic chromatography of flavonol glycosides from Tilia. Journal of Chromatography A, 1993, 638, 357-361.	1.8	45
180	Characteristics of Bioreactors Made with Urease and Nad Glycohydrolase Reversibly Bound to Immobilized Antibodies. Biocatalysis, 1992, 6, 251-265.	0.9	4

#	Article	IF	Citations
181	Cell Kinetics of Melanocytes in Common and Dysplastic Nevi and in Primary and Metastatic Cutaneous Melanoma. Pathology Research and Practice, 1992, 188, 323-329.	1.0	11
182	Assay of Urea by Immobilized Urease Coupled to a Differential pH-Meter. Annals of the New York Academy of Sciences, 1992, 672, 257-263.	1.8	2
183	Analysis of flavonoids by MECC with ultraviolet diode array detection. Journal of Pharmaceutical and Biomedical Analysis, 1992, 10, 1041-1045.	1.4	20
184	Rapid liquid chromatography of terpenes in Ginkgo biloba L. extracts and products. Journal of Pharmaceutical and Biomedical Analysis, 1992, 10, 1077-1079.	1.4	25
185	Separation of flavonol-2-O-glycosides from Calendula officinalis and Sambucus nigra by high-performance liquid and micellar electrokinetic capillary chromatography. Journal of Chromatography A, 1992, 593, 165-170.	1.8	63
186	Application of HPLC and MECC for the detection of flavonol aglycones in plant extracts. Journal of High Resolution Chromatography, 1992, 15, 136-139.	2.0	14
187	Automated high-performance liquid chromatographic assay of enzymatic activities. Biomedical Applications, 1991, 566, 327-332.	1.7	4
188	High-performance liquid chromatographic analysis of flavonol glycosides of Solidago virgaurea. Journal of Chromatography A, 1991, 558, 296-301.	1.8	18
189	Application of micellar electrokinetic capillary chromatography to the determination of flavonoid drugs. Journal of Chromatography A, 1991, 549, 367-373.	1.8	114
190	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.	1.8	61
191	Analysis and purification of DNA restriction fragments by high-performance liquid chromatography. Journal of Chromatography A, 1991, 548, 281-287.	1.8	7
192	High-performance liquid chromatography with diode-array ultraviolet detection of methoxylated flavones in Orthosiphon leaves. Journal of Chromatography A, 1991, 547, 439-442.	1.8	18
193	Purification of NAD glycohydrolase from Neurospora crassa conidia by a polyclonal immunoadsorbent. Journal of Chromatography A, 1991, 539, 517-523.	1.8	3
194	High-performance liquid chromatographic determination of flavonoid glucosides from Helichrysum italicum. Journal of Chromatography A, 1991, 537, 449-452.	1.8	20
195	Analysis of terpenes fromGinkgo biloba L. extracts by reversed phase high-performance liquid chromatography. Chromatographia, 1990, 29, 251-253.	0.7	30
196	Determination of isoflavones from Ononis spinosa L. extracts by high-performance liquid chromatography with ultraviolet diode-array detection. Journal of Chromatography A, 1990, 513, 397-400.	1.8	18
197	Automatic computation of enzyme kinetics by HPLC. Bioinformatics, 1990, 6, 395-398.	1.8	0
198	Immobilized Pig Brain NAD Glycohydrolase for the Preparation of NAD Analogues. Annals of the New York Academy of Sciences, 1990, 589, 689-696.	1.8	1

#	Article	IF	Citations
199	HPLC determination of the flavonoid glycosides fromBetulae folium extracts. Chromatographia, 1989, 28, 311-312.	0.7	10
200	An improved HPLC determination of flavonoids in medicinal plant extracts. Chromatographia, 1989, 27, 509-512.	0.7	23
201	High-performance liquid chromatography determination of enzyme activities in the presence of small amounts of product. Analytical Biochemistry, 1989, 176, 437-439.	1.1	8
202	High-performance liquid chromatographic assay for nicotinamide-adenine dinucleotide kinase. Journal of Chromatography A, 1989, 476, 487-490.	1.8	8
203	High-performance liquid chromatographic analysis of Î²-escin. Journal of Chromatography A, 1989, 478, 259-263.	1.8	10
204	High-performance liquid chromatographic analysis of Î²-escin. Journal of Chromatography A, 1989, 478, 259-263.	1.8	12
205	Reversed-phase high-performance liquid chromatographic method for the analysis of biflavones in Ginkgo biloba L. extracts. Journal of Chromatography A, 1988, 437, 453-456.	1.8	27
206	Determination of isoquinoline alkaloids from Peumus boldus by high-performance liquid chromatography. Journal of Chromatography A, 1988, 457, 442-445.	1.8	33
207	High-performance liquid chromatographic method for the determination of the esterase activity of subtilisin and kallikrein. Journal of Chromatography A, 1988, 441, 431-435.	1.8	2
208	Monitoring the preparation of NAD analogs by reversed-phase high-performance liquid chromatography. Chromatographia, 1988, 25, 543-544.	0.7	2
209	Stable storage conditions of immobiline chemicals for isoelectric focusing. Journal of Proteomics, 1988, 16, 141-164.	2.4	43
210	High-performance liquid chromatographic assay for hexokinase. Journal of Chromatography A, 1987, 390, 458-462.	1.8	4
211	HPLC assay of enzymatic activities. Chromatographia, 1987, 24, 439-441.	0.7	6
212	High-performance liquid chromatographic assay of chymotrypsin and chymotrypsin-like enzyme activity. Journal of Chromatography A, 1987, 411, 498-501.	1.8	2
213	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.	1.8	46
214	Improved high-performance liquid chromatographic assay for trypsin. Journal of Chromatography A, 1986, 367, 223-227.	1.8	4
215	Hydrolysis of ginsenosides in artificial gastric fluid monitored by high-performance liquid chromatography. Journal of Chromatography A, 1986, 362, 291-297.	1.8	10
216	Analytical Methods for Characterizing Bioactive Terpene Lactones in Ginkgo Biloba Extracts and Performing Pharmacokinetic Studies in Animal and Human. , 0, , .		1

#	Article	IF	Citations
217	Investigating the Paracrine Role of Perinatal Derivatives: Human Amniotic Fluid Stem Cell-Extracellular Vesicles Show Promising Transient Potential for Cardiomyocyte Renewal. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	1