

Joaquin Abian

List of Publications by Year in descending order

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132
papers

4,569
citations

101384

36
h-index

123241

61
g-index

134
all docs

134
docs citations

134
times ranked

6173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inflammatory capacity of exosomes released in the early stages of acute pancreatitis predicts the severity of the disease. <i>Journal of Pathology</i> , 2022, 256, 83-92. | 2.1 | 15 |
| 2 | Spontaneous changes in brain striatal dopamine synthesis and storage dynamics ex vivo reveal end-product feedback-inhibition of tyrosine hydroxylase. <i>Neuropharmacology</i> , 2022, 212, 109058. | 2.0 | 6 |
| 3 | Isolation of HLA-DR-naturally presented peptides identifies T-cell epitopes for rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2022, , annrheumdis-2021-220371. | 0.5 | 5 |
| 4 | Phosphoproteomic Analysis of Platelets in Severe Obesity Uncovers Platelet Reactivity and Signaling Pathways Alterations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 478-490. | 1.1 | 12 |
| 5 | A Comprehensive Tyrosine Phosphoproteomic Analysis Reveals Novel Components of the Platelet CLEC-2 Signaling Cascade. <i>Thrombosis and Haemostasis</i> , 2020, 120, 262-276. | 1.8 | 22 |
| 6 | Manganese-induced neurotoxicity in cerebellar granule neurons due to perturbation of cell network pathways with potential implications for neurodegenerative disorders. <i>Metallomics</i> , 2020, 12, 1656-1678. | 1.0 | 6 |
| 7 | Mitochondrial Proteome of Affected Glutamatergic Neurons in a Mouse Model of Leigh Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 660. | 1.8 | 11 |
| 8 | Discovery of large molecules as new biomarkers in wastewater using environmental proteomics and suitable polymer probes. <i>Science of the Total Environment</i> , 2020, 747, 141145. | 3.9 | 13 |
| 9 | A Combination of Proteomic Approaches Identifies A Panel of Circulating Extracellular Vesicle Proteins Related to the Risk of Suffering Cardiovascular Disease in Obese Patients. <i>Proteomics</i> , 2019, 19, e1800248. | 1.3 | 16 |
| 10 | Platelet membrane lipid rafts protein composition varies following GPVI and CLEC-2 receptors activation. <i>Journal of Proteomics</i> , 2019, 195, 88-97. | 1.2 | 6 |
| 11 | TCellXTalk facilitates the detection of co-modified peptides for the study of protein post-translational modification cross-talk in T cells. <i>Bioinformatics</i> , 2019, 35, 1404-1413. | 1.8 | 1 |
| 12 | The 2-oxoglutarate carrier promotes liver cancer by sustaining mitochondrial GSH despite cholesterol loading. <i>Redox Biology</i> , 2018, 14, 164-177. | 3.9 | 59 |
| 13 | Urinary Proteome Analysis Identified Nephrilysin and VCAM as Proteins Involved in Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-12. | 1.0 | 24 |
| 14 | Large-Scale Filter-Aided Sample Preparation Method for the Analysis of the Ubiquitinome. <i>Analytical Chemistry</i> , 2017, 89, 3840-3846. | 3.2 | 13 |
| 15 | A multicentric study to evaluate the use of relative retention times in targeted proteomics. <i>Journal of Proteomics</i> , 2017, 152, 138-149. | 1.2 | 9 |
| 16 | <i>Brachyspira hyodysenteriae</i> and <i>B. pilosicoli</i> Proteins Recognized by Sera of Challenged Pigs. <i>Frontiers in Microbiology</i> , 2017, 8, 723. | 1.5 | 11 |
| 17 | The Exposed Proteomes of <i>Brachyspira hyodysenteriae</i> and <i>B. pilosicoli</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1103. | 1.5 | 14 |
| 18 | The phosphoproteome of human Jurkat T cell clones upon costimulation with anti-CD3/anti-CD28 antibodies. <i>Journal of Proteomics</i> , 2016, 131, 190-198. | 1.2 | 19 |

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|----|---|-----|-----------|
| 19 | A comprehensive <i>Candida albicans</i> PeptideAtlas build enables deep proteome coverage. <i>Journal of Proteomics</i> , 2016, 131, 122-130. | 1.2 | 8 |
| 20 | LymPHOS 2.0: an update of a phosphosite database of primary human T cells. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav115. | 1.4 | 15 |
| 21 | Leghemoglobin is nitrated in functional legume nodules in a tyrosine residue within the heme cavity by a nitrite/peroxide-dependent mechanism. <i>Plant Journal</i> , 2015, 81, 723-735. | 2.8 | 70 |
| 22 | A collection of open source applications for mass spectrometry data mining. <i>Proteomics</i> , 2014, 14, 2275-2279. | 1.3 | 11 |
| 23 | Lipoprotein lipase isoelectric point isoforms in humans. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 480-485. | 1.0 | 4 |
| 24 | A <i>Candida albicans</i> PeptideAtlas. <i>Journal of Proteomics</i> , 2014, 97, 62-68. | 1.2 | 21 |
| 25 | Isotope dilution mass spectrometry for absolute quantification in proteomics: Concepts and strategies. <i>Journal of Proteomics</i> , 2014, 96, 184-199. | 1.2 | 73 |
| 26 | General Statistical Framework for Quantitative Proteomics by Stable Isotope Labeling. <i>Journal of Proteome Research</i> , 2014, 13, 1234-1247. | 1.8 | 165 |
| 27 | Surfing Transcriptomic Landscapes. A Step beyond the Annotation of Chromosome 16 Proteome. <i>Journal of Proteome Research</i> , 2014, 13, 158-172. | 1.8 | 26 |
| 28 | Spanish Human Proteome Project: Dissection of Chromosome 16. <i>Journal of Proteome Research</i> , 2013, 12, 112-122. | 1.8 | 17 |
| 29 | Increased CD38 expression in T cells and circulating anti-CD38 IgG autoantibodies differentially correlate with distinct cytokine profiles and disease activity in systemic lupus erythematosus patients. <i>Cytokine</i> , 2013, 62, 232-243. | 1.4 | 37 |
| 30 | The presence of d-fagomine in the human diet from buckwheat-based foodstuffs. <i>Food Chemistry</i> , 2013, 136, 1316-1321. | 4.2 | 24 |
| 31 | Composition of the HLA-associated human thymus peptidome. <i>European Journal of Immunology</i> , 2013, 43, 2273-2282. | 1.6 | 38 |
| 32 | Leghemoglobin green derivatives with nitrated hemes evidence production of highly reactive nitrogen species during aging of legume nodules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2660-2665. | 3.3 | 81 |
| 33 | Increased expression and phosphorylation of the two S100A9 isoforms in mononuclear cells from patients with systemic lupus erythematosus: A proteomic signature for circulating low-density granulocytes. <i>Journal of Proteomics</i> , 2012, 75, 1778-1791. | 1.2 | 21 |
| 34 | UTP affects the Schwannoma cell line proteome through P2Y receptors leading to cytoskeletal reorganisation. <i>Proteomics</i> , 2012, 12, 145-156. | 1.3 | 17 |
| 35 | P2P proteomics – data sharing for enhanced protein identification. <i>Automated Experimentation</i> , 2012, 4, 1. | 2.0 | 1 |
| 36 | Determination of d-fagomine in buckwheat and mulberry by cation exchange HPLC/ESI-Q-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1953-1960. | 1.9 | 31 |

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|----|---|-----|-----------|
| 37 | Proteomic Analysis of Polypeptides Captured from Blood during Extracorporeal Albumin Dialysis in Patients with Cholestasis and Resistant Pruritus. PLoS ONE, 2011, 6, e21850. | 1.1 | 14 |
| 38 | Proteomics of toxic oil syndrome in humans: Phenotype distribution in a population of patients. Chemico-Biological Interactions, 2011, 192, 129-135. | 1.7 | 4 |
| 39 | Transcriptional and proteomic profiling of flatfish (<i>Solea senegalensis</i>) spermatogenesis. Proteomics, 2011, 11, 2195-2211. | 1.3 | 29 |
| 40 | The peptide-binding motif of HLA-DR8 shares important structural features with other type 1 diabetes-associated alleles. Genes and Immunity, 2011, 12, 504-512. | 2.2 | 19 |
| 41 | Two-Dimensional Difference Gel Electrophoresis Urinary Proteomic Profile in the Search of Nonimmune Chronic Allograft Dysfunction Biomarkers. Transplantation, 2010, 89, 548-558. | 0.5 | 40 |
| 42 | Methylmercury disrupts the balance between phosphorylated and non-phosphorylated cofilin in primary cultures of mice cerebellar granule cells A proteomic study. Toxicology and Applied Pharmacology, 2010, 242, 109-118. | 1.3 | 36 |
| 43 | Characterization of peptides and proteins in commercial HSA solutions. Proteomics, 2010, 10, 172-181. | 1.3 | 22 |
| 44 | Fish proteome analysis: Model organisms and non-sequenced species. Proteomics, 2010, 10, 858-872. | 1.3 | 113 |
| 45 | Characterization of the Human Plasma Phosphoproteome Using Linear Ion Trap Mass Spectrometry and Multiple Search Engines. Journal of Proteome Research, 2010, 9, 876-884. | 1.8 | 54 |
| 46 | Urine Proteomics to Detect Biomarkers for Chronic Allograft Dysfunction. Journal of the American Society of Nephrology: JASN, 2009, 20, 428-435. | 3.0 | 70 |
| 47 | Lipoprotein lipase is nitrated in vivo after lipopolysaccharide challenge. Free Radical Biology and Medicine, 2009, 47, 1553-1560. | 1.3 | 24 |
| 48 | 2D DIGE analysis of Senegalese sole (<i>Solea senegalensis</i>) testis proteome in wild-caught and hormone-treated F1 fish. Proteomics, 2009, 9, 2171-2181. | 1.3 | 30 |
| 49 | LymPHOS: Design of a phosphosite database of primary human T cells. Proteomics, 2009, 9, 3741-3751. | 1.3 | 13 |
| 50 | Proteomic study of neuron and astrocyte cultures from senescence-accelerated mouse SAMP8 reveals degenerative changes. Journal of Neurochemistry, 2009, 111, 945-955. | 2.1 | 24 |
| 51 | Discovery of lipoprotein lipase pl isoforms and contributions to their characterization. Journal of Proteomics, 2009, 72, 1031-1039. | 1.2 | 13 |
| 52 | Expression of differential antennal proteins in males and females of an important crop pest, <i>Sesamia nonagrioides</i> . Insect Biochemistry and Molecular Biology, 2009, 39, 11-19. | 1.2 | 18 |
| 53 | Differential Expression of Proteins From Cultured Endothelial Cells Exposed to Uremic Versus Normal Serum. American Journal of Kidney Diseases, 2008, 51, 603-612. | 2.1 | 30 |
| 54 | Phosphorylation Analysis of Primary Human T Lymphocytes Using Sequential IMAC and Titanium Oxide Enrichment. Journal of Proteome Research, 2008, 7, 5167-5176. | 1.8 | 68 |

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|----|---|-----|-----------|
| 55 | Absolute and Site-Specific Quantification of Protein Phosphorylation Using Integrated Elemental and Molecular Mass Spectrometry: Its Potential To Assess Phosphopeptide Enrichment Procedures. <i>Analytical Chemistry</i> , 2008, 80, 1777-1787. | 3.2 | 53 |
| 56 | Application of Proteomic Tools To Detect the Nonspecificity of a Polyclonal Antibody against Lipoprotein Lipase. <i>Journal of Proteome Research</i> , 2008, 7, 4173-4177. | 1.8 | 9 |
| 57 | Thyroglobulin Peptides Associate In Vivo to HLA-DR in Autoimmune Thyroid Glands. <i>Journal of Immunology</i> , 2008, 181, 795-807. | 0.4 | 48 |
| 58 | Functional Characterization of an Unusual Phytochelatin Synthase, LjPCS3, of <i>Lotus japonicus</i> . <i>Plant Physiology</i> , 2008, 148, 536-545. | 2.3 | 41 |
| 59 | Cell viability and proteomic analysis in cultured neurons exposed to methylmercury. <i>Human and Experimental Toxicology</i> , 2007, 26, 263-272. | 1.1 | 47 |
| 60 | LC-MS ion maps for the characterization of aniline derivatives of fatty acids and triglycerides in laboratory-denatured rapeseed oil. <i>Journal of Mass Spectrometry</i> , 2007, 42, 527-541. | 0.7 | 10 |
| 61 | Electrospray ionization mass spectrometry of oligosaccharides derived from fucoidan of <i>Ascophyllum nodosum</i> . <i>Carbohydrate Research</i> , 2007, 342, 826-834. | 1.1 | 67 |
| 62 | Analysis of the HLA class I associated peptide repertoire in a hepatocellular carcinoma cell line reveals tumor-specific peptides as putative targets for immunotherapy. <i>Proteomics - Clinical Applications</i> , 2007, 1, 286-298. | 0.8 | 7 |
| 63 | Proteomic analysis of plasma from patients with systemic lupus erythematosus: Increased presence of haptoglobin β 2 polypeptide chains over the β 1 isoforms. <i>Proteomics</i> , 2006, 6, S282-S292. | 1.3 | 51 |
| 64 | Proteotyping of human haptoglobin by MALDI-TOF profiling: Phenotype distribution in a population of toxic oil syndrome patients. <i>Proteomics</i> , 2006, 6, S272-S281. | 1.3 | 9 |
| 65 | Utility of proteomics to assess pollutant response of clams from the Doñana bank of Guadalquivir Estuary (SW Spain). <i>Proteomics</i> , 2006, 6, S245-S255. | 1.3 | 52 |
| 66 | Transcriptomic and proteomic analysis of liver and muscle alterations caused by surgical stress in rats. <i>Clinical Science</i> , 2005, 108, 167-178. | 1.8 | 18 |
| 67 | Chapter 9 LC-MS. II: Applications for pesticide food analysis. <i>Comprehensive Analytical Chemistry</i> , 2005, , 403-437. | 0.7 | 2 |
| 68 | Light-Induced Conformational Changes of Cyanobacterial Phytochrome Cph1 Probed by Limited Proteolysis and Autophosphorylation. <i>Biochemistry</i> , 2005, 44, 450-461. | 1.2 | 47 |
| 69 | On the Generation and Outcome of 3-(N-Phenylamino)propane-1,2-diol Derivatives in Deodorized Model Oils Related to Toxic Oil Syndrome. <i>Chemical Research in Toxicology</i> , 2005, 18, 665-674. | 1.7 | 9 |
| 70 | Capillary Separations. , 2004, 251, 143-164. | | 2 |
| 71 | Dissection of the HLA-DR4 Peptide Repertoire in Endocrine Epithelial Cells: Strong Influence of Invariant Chain and HLA-DM Expression on the Nature of Ligands. <i>Journal of Immunology</i> , 2004, 173, 1085-1093. | 0.4 | 46 |
| 72 | The effects of smoking and its cessation on 8-epi-PGF $_{2\beta}$ and transforming growth factor-beta 1 in Type 1 diabetes mellitus. <i>Diabetic Medicine</i> , 2004, 21, 285-289. | 1.2 | 19 |

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|----|--|-----|-----------|
| 73 | Biochemical characterization of recombinant and circulating human Spalpa. Tissue Antigens, 2004, 63, 335-344. | 1.0 | 38 |
| 74 | Determination of protein markers in human serum: Analysis of protein expression in toxic oil syndrome studies. Proteomics, 2004, 4, 303-315. | 1.3 | 44 |
| 75 | The defense response of germinating maize embryos against fungal infection: A proteomics approach. Proteomics, 2004, 4, 383-396. | 1.3 | 144 |
| 76 | Proteomics-based identification of novel <i>Candida albicans</i> antigens for diagnosis of systemic candidiasis in patients with underlying hematological malignancies. Proteomics, 2004, 4, 3084-3106. | 1.3 | 150 |
| 77 | Isoform-specific quantification of endothelins in HUVEC culture supernatants by on-line high-performance liquid chromatography/electrospray mass spectrometry. Biomedical Chromatography, 2004, 18, 388-395. | 0.8 | 3 |
| 78 | The Biliverdin Chromophore Binds Covalently to a Conserved Cysteine Residue in the N-Terminus of <i>Agrobacterium</i> Phytochrome Agp1. Biochemistry, 2004, 43, 3659-3669. | 1.2 | 121 |
| 79 | F2 isoprostane is already increased at the onset of type 1 diabetes mellitus: Effect of glycemic control. Metabolism: Clinical and Experimental, 2004, 53, 1118-1120. | 1.5 | 33 |
| 80 | Cigarette smoke concentrate increases 8-epi-PGF ₂ α; and TGFβ ₁ secretion in rat mesangial cells. Life Sciences, 2004, 75, 611-621. | 2.0 | 26 |
| 81 | Non-aqueous capillary electrophoresis of the positional isomers of a sulfated monosaccharide. Journal of Chromatography A, 2003, 987, 467-476. | 1.8 | 20 |
| 82 | Roles of hnRNP A1, SR Proteins, and p68 Helicase in c-H-ras Alternative Splicing Regulation. Molecular and Cellular Biology, 2003, 23, 2927-2941. | 1.1 | 116 |
| 83 | Identification of the Autoantigen HB as the Barrier-to-Autointegration Factor. Journal of Biological Chemistry, 2003, 278, 50641-50644. | 1.6 | 13 |
| 84 | HLA-DR4 Molecules in Neuroendocrine Epithelial Cells Associate to a Heterogeneous Repertoire of Cytoplasmic and Surface Self Peptides. Journal of Immunology, 2002, 169, 5052-5060. | 0.4 | 31 |
| 85 | Preparation of porous n-type silicon sample plates for desorption/ionization on silicon mass spectrometry (DIOS-MS). Lab on A Chip, 2002, 2, 247-253. | 3.1 | 40 |
| 86 | rBAT ^{0,+} heterodimer is the main apical reabsorption system for cystine in the kidney. American Journal of Physiology - Renal Physiology, 2002, 283, F540-F548. | 1.3 | 91 |
| 87 | Identification of p21Cip1 binding proteins by gel electrophoresis and capillary liquid chromatography microelectrospray tandem mass spectrometry. Proteomics, 2002, 2, 455. | 1.3 | 17 |
| 88 | Diethylmaleate activates the transcription factor Pap1 by covalent modification of critical cysteine residues. Molecular Microbiology, 2002, 45, 243-254. | 1.2 | 87 |
| 89 | Storage time and deodorization temperature influence the formation of aniline-derived compounds in denatured rapeseed oils. Food and Chemical Toxicology, 2001, 39, 91-96. | 1.8 | 31 |
| 90 | Automated Strong Cation Exchange Extraction of Fatty Acid Esters of 3-(N-Phenylamino)-1,2-propanediol from Oil Samples for Routine Quantification by HPLC-APCI/MS/MS. Journal of Agricultural and Food Chemistry, 2001, 49, 5085-5091. | 2.4 | 7 |

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| 91 | Determination of Aniline Derivatives in Oils Related to the Toxic Oil Syndrome by Atmospheric Pressure Ionization-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 3828-3837. | 3.2 | 22 |
| 92 | Absorption and effects of 3-(N-phenylamino)-1,2-propanediol esters in relation to toxic oil syndrome. <i>Lipids</i> , 2001, 36, 1125-1133. | 0.7 | 9 |
| 93 | On-line preconcentration microliquid chromatography tandem mass spectrometric method for bradykinin analysis in plasma. <i>Journal of Separation Science</i> , 2001, 13, 265-274. | 1.0 | 12 |
| 94 | DrosophilaMTN: a metazoan copper-thionein related to fungal forms. <i>FEBS Letters</i> , 2000, 467, 189-194. | 1.3 | 33 |
| 95 | The coupling of gas and liquid chromatography with mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1999, 34, 157-168. | 0.7 | 119 |
| 96 | Comparison of conventional, narrow-bore and capillary liquid chromatography/mass spectrometry for electrospray ionization mass spectrometry: practical considerations. <i>Journal of Mass Spectrometry</i> , 1999, 34, 244-254. | 0.7 | 170 |
| 97 | Characterization of phenolic glucosides from soybean root nodules by ion-exchange high performance liquid chromatography, ultraviolet spectroscopy and electrospray mass spectrometry. <i>Phytochemical Analysis</i> , 1998, 9, 171-176. | 1.2 | 24 |
| 98 | Quantitative peptide bioanalysis using column-switching nano liquid chromatography/mass spectrometry. , 1998, 33, 976-983. | | 76 |
| 99 | Quantitative electrospray LC-MS and LC-MS/MS in biomedicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 1129-1138. | 1.4 | 29 |
| 100 | Mass Spectrometric Determination of the Cleavage Sites in Escherichia coli Dihydroorotase Induced by a Cysteine-specific Reagent. <i>Journal of Biological Chemistry</i> , 1997, 272, 26934-26939. | 1.6 | 8 |
| 101 | Complexes of Iron with Phenolic Compounds from Soybean Nodules and Other Legume Tissues: Prooxidant and Antioxidant Properties. <i>Free Radical Biology and Medicine</i> , 1997, 22, 861-870. | 1.3 | 315 |
| 102 | Determination of pesticide epitopic density in protein immunoconjugates by electrospray mass spectrometry. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997, 160, 395-407. | 1.9 | 2 |
| 103 | The primary structure of a chondrichthyan protamine: A new apparent contradiction in protamine evolution. <i>Journal of Molecular Evolution</i> , 1996, 43, 528-535. | 0.8 | 11 |
| 104 | The Primary Structure of a Chondrichthyan Protamine: A New Apparent Contradiction in Protamine Evolution. <i>Journal of Molecular Evolution</i> , 1996, 43, 528-535. | 0.8 | 0 |
| 105 | High-performance liquid chromatography/thermospray mass spectrometry of some prostaglandins of the F series. <i>Journal of Mass Spectrometry</i> , 1995, 30, 608-616. | 0.7 | 1 |
| 106 | Thermospray and electrospray mass spectrometry of flavoenzymes. Analysis of riboflavin sulphates from sugar beet. <i>Analytica Chimica Acta</i> , 1995, 302, 215-223. | 2.6 | 7 |
| 107 | Mass spectrometric identification of N-phenyllinoleamide metabolites in mouse peritoneal macrophages. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 753-760. | 0.7 | 5 |
| 108 | Comparative study of different thermospray interfaces with carbamate pesticides: Influence of the ion source geometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 656-667. | 1.2 | 16 |

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|-----|---|-----|-----------|
| 109 | Comparative photodegradation rates of alachlor and bentazone in natural water and determination of breakdown products. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1287-1298. | 2.2 | 73 |
| 110 | Preparation and Evaluation of Immunosorbents for Selective Trace Enrichment of Phenylurea and Triazine Herbicides in Environmental Waters. <i>Analytical Chemistry</i> , 1995, 67, 2451-2460. | 3.2 | 122 |
| 111 | Flavin excretion from roots of iron-deficient sugar beet (<i>Beta vulgaris</i> L.). <i>Planta</i> , 1994, 193, 514-519. | 1.6 | 62 |
| 112 | On the origin of some controversial ions (m/z 59, 60, 77, and 119) in the thermospray reagent plasma from ammonium acetate. <i>Journal of the American Society for Mass Spectrometry</i> , 1994, 5, 186-193. | 1.2 | 13 |
| 113 | Metabolism of N-phenyllinoleamide by rat liver. <i>Biomedical Applications</i> , 1993, 615, 191-196. | 1.7 | 7 |
| 114 | High-performance liquid chromatography-thermospray mass spectrometry of ten sulfonamide antibiotics. <i>Journal of Chromatography A</i> , 1993, 629, 267-276. | 1.8 | 68 |
| 115 | Epoxidation of 6,7- and 10,11-oxidosqualenes by the squalene epoxidase present in rat liver microsomes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 2581-2586. | 1.0 | 4 |
| 116 | Products formed from the in vitro reaction of metabolites of 3-aminochrysene with calf thymus DNA. <i>Chemico-Biological Interactions</i> , 1993, 86, 1-15. | 1.7 | 7 |
| 117 | Analysis of chlorotriazines and their degradation products in environmental samples by selecting various operating modes in thermospray HPLC/MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 1264-1273. | 2.4 | 72 |
| 118 | Formation of the adduct 6-(deoxyguanosin-N2-yl)-3-amino-benzo[a]pyrene from the mutagenic environmental contaminant 3-nitrobenzo[a]pyrene. <i>Carcinogenesis</i> , 1993, 14, 1065-1067. | 1.3 | 23 |
| 119 | Thermospray high-performance liquid chromatography/mass spectrometric determination of cyclosporins. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 684-689. | 0.7 | 14 |
| 120 | High-performance liquid chromatography-thermospray mass spectrometry of gibberellins. <i>Journal of Chromatography A</i> , 1992, 603, 157-164. | 1.8 | 5 |
| 121 | Gas chromatographic/mass spectrometric analysis of high-performance liquid chromatographic fractions reflecting arachidonic acid metabolism in mouse peritoneal macrophages. <i>Biological Mass Spectrometry</i> , 1992, 21, 69-79. | 0.5 | 9 |
| 122 | Characteristic fragmentation of thromboxane B2 in thermospray high-performance liquid chromatography-mass spectrometry. <i>Biomedical Applications</i> , 1991, 562, 153-168. | 1.7 | 7 |
| 123 | Use of methyl oxime derivatives to enhance structural information in thermospray high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1991, 554, 155-173. | 1.8 | 5 |
| 124 | Effect of Abscisic Acid on the Linoleic Acid Metabolism in Developing Maize Embryos. <i>Plant Physiology</i> , 1991, 95, 1277-1283. | 2.3 | 31 |
| 125 | Detection and isolation of pentachlorophenol in oil samples associated with the Spanish toxic oil syndrome. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1990, 45, 181-188. | 1.3 | 11 |
| 126 | Thermospray liquid chromatography/mass spectrometry of prostaglandin methyl ester derivatives: Application to the determination of prostaglandins E2 and D2 in rat gastric mucosa. <i>Biological Mass Spectrometry</i> , 1988, 16, 215-219. | 0.5 | 21 |

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|-----|---|-----|-----------|
| 127 | Application of thermospray/high-performance liquid chromatography/mass spectrometry to the identification of glutathione conjugates derived from bioactive epoxides. <i>Biological Mass Spectrometry</i> , 1988, 16, 339-344. | 0.5 | 11 |
| 128 | Determination of oxidation products of N-phenyllinoleamide: Spanish toxic oil syndrome studies. <i>Biomedical Applications</i> , 1988, 426, 83-91. | 1.7 | 9 |
| 129 | Effects of sample matrix and high performance liquid chromatography eluent composition on the thermospray response for polar compounds. <i>Rapid Communications in Mass Spectrometry</i> , 1988, 2, 232-235. | 0.7 | 8 |
| 130 | Prostaglandin levels in infertile patients affected by asthenozoospermia and prostatitis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1988, 31, 41-44. | 1.0 | 1 |
| 131 | Direct analysis of the major human seminal prostaglandins by thermospray high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1987, 394, 147-153. | 1.8 | 22 |
| 132 | Synthesis of N-[ring-G-3H]phenyllinoleamide and N-phenyl[1-14C]linoleamide as labelled standards for spanish toxic oil syndrome studies. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1986, 23, 1029-1033. | 0.5 | 9 |