

Ian A Blair

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

12,891
citations

28274

55
h-index

28297

105
g-index

208
all docs

208
docs citations

208
times ranked

18206
citing authors

#	ARTICLE	IF	CITATIONS
1	Bcl-xL Enforces a Slow-Cycling State Necessary for Survival in the Nutrient-Deprived Microenvironment of Pancreatic Cancer. <i>Cancer Research</i> , 2022, 82, 1890-1908.	0.9	6
2	DNA methylation in Friedreich ataxia silences expression of frataxin isoform E. <i>Scientific Reports</i> , 2022, 12, 5031.	3.3	7
3	Simultaneous Quantification of Mitochondrial Mature Frataxin and Extra-Mitochondrial Frataxin Isoform E in Friedreich's Ataxia Blood. <i>Frontiers in Neuroscience</i> , 2022, 16, 874768.	2.8	7
4	Upregulation of Antioxidant Capacity and Nucleotide Precursor Availability Suffices for Oncogenic Transformation. <i>Cell Metabolism</i> , 2021, 33, 94-109.e8.	16.2	39
5	Effects of systemic inflammation on relapse in early breast cancer. <i>Npj Breast Cancer</i> , 2021, 7, 7.	5.2	20
6	Using biochemistry and biophysics to extinguish androgen receptor signaling in prostate cancer. <i>Journal of Biological Chemistry</i> , 2021, 296, 100240.	3.4	17
7	Efficient Labeling of Native Human IgG by Proximity-Based Sortase-Mediated Isopeptide Ligation. <i>Bioconjugate Chemistry</i> , 2021, 32, 1058-1066.	3.6	12
8	Cholesterol Auxotrophy as a Targetable Vulnerability in Clear Cell Renal Cell Carcinoma. <i>Cancer Discovery</i> , 2021, 11, 3106-3125.	9.4	44
9	Reverse Phase Protein Array Reveals Correlation of Retinoic Acid Metabolism With Cardiomyopathy in Friedreich's Ataxia. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100094.	3.8	6
10	Primary saturation of α, β -unsaturated carbonyl containing fatty acids does not abolish electrophilicity. <i>Chemico-Biological Interactions</i> , 2021, 350, 109689.	4.0	1
11	Glutamine deprivation triggers NAGK-dependent hexosamine salvage. <i>ELife</i> , 2021, 10, .	6.0	24
12	The proteome and its dynamics: A missing piece for integrative multi-omics in schizophrenia. <i>Schizophrenia Research</i> , 2020, 217, 148-161.	2.0	16
13	Voriconazole enhances UVB-induced DNA damage by inhibiting catalase and promoting oxidative stress. <i>Experimental Dermatology</i> , 2020, 29, 29-38.	2.9	10
14	Cervicovaginal fluid proteomic analysis to identify potential biomarkers for preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 493.e1-493.e13.	1.3	18
15	Extra-mitochondrial mouse frataxin and its implications for mouse models of Friedreich's ataxia. <i>Scientific Reports</i> , 2020, 10, 15788.	3.3	17
16	Chaperone-mediated autophagy regulates the pluripotency of embryonic stem cells. <i>Science</i> , 2020, 369, 397-403.	12.6	60
17	Autophagy mitigates ethanol-induced mitochondrial dysfunction and oxidative stress in esophageal keratinocytes. <i>PLoS ONE</i> , 2020, 15, e0239625.	2.5	18
18	Lactate Limits T Cell Proliferation via the NAD(H) Redox State. <i>Cell Reports</i> , 2020, 33, 108500.	6.4	135

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19	FBP1 loss disrupts liver metabolism and promotes tumorigenesis through a hepatic stellate cell senescence secretome. <i>Nature Cell Biology</i> , 2020, 22, 728-739.	10.3	110
20	Changes in Aged Fibroblast Lipid Metabolism Induce Age-Dependent Melanoma Cell Resistance to Targeted Therapy via the Fatty Acid Transporter FATP2. <i>Cancer Discovery</i> , 2020, 10, 1282-1295.	9.4	75
21	Impaired Redox and Protein Homeostasis as Risk Factors and Therapeutic Targets in Toxin-Induced Biliary Atresia. <i>Gastroenterology</i> , 2020, 159, 1068-1084.e2.	1.3	9
22	Evaluation of antibodies for western blot analysis of frataxin protein isoforms. <i>Journal of Immunological Methods</i> , 2019, 474, 112629.	1.4	4
23	Analytical Methods for Mass Spectrometry-Based Metabolomics Studies. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1140, 635-647.	1.6	28
24	The current state of biomarker research for Friedreich's ataxia: a report from the 2018 FARA biomarker meeting. <i>Future Science OA</i> , 2019, 5, FSO398.	1.9	20
25	In Vitro Biotransformation of the Nrf2 Activator Bardoxolone: Formation of an Epoxide Metabolite That Undergoes Two Novel Glutathione-Mediated Metabolic Pathways: Epoxide Reduction and Oxidative Elimination of Nitrile Moiety. <i>Chemical Research in Toxicology</i> , 2019, 32, 2268-2280.	3.3	6
26	Metabolic Detection of Bruton's Tyrosine Kinase Inhibition in Mantle Cell Lymphoma Cells. <i>Molecular Cancer Research</i> , 2019, 17, 1365-1377.	3.4	13
27	Safety, pharmacodynamics, and potential benefit of oaveloxolone in Friedreich ataxia. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 15-26.	3.7	105
28	Impact of route of administration on genotoxic oestrogens concentrations using oral vs transdermal oestradiol in girls with Turner syndrome. <i>Clinical Endocrinology</i> , 2019, 90, 155-161.	2.4	12
29	Gut microbiota modulate dendritic cell antigen presentation and radiotherapy-induced antitumor immune response. <i>Journal of Clinical Investigation</i> , 2019, 130, 466-479.	8.2	159
30	Differential Reliance on Lipid Metabolism as a Salvage Pathway Underlies Functional Differences of T Cell Subsets in Poor Nutrient Environments. <i>Cell Reports</i> , 2018, 23, 741-755.	6.4	45
31	Effect of a tissue selective estrogen complex on breast cancer: Role of unique properties of conjugated equine estrogen. <i>International Journal of Cancer</i> , 2018, 143, 1259-1268.	5.1	10
32	Liquid Chromatography-High Resolution Mass Spectrometry Analysis of Platelet Frataxin as a Protein Biomarker for the Rare Disease Friedreich's Ataxia. <i>Analytical Chemistry</i> , 2018, 90, 2216-2223.	6.5	37
33	Analysis of HETEs in human whole blood by chiral UHPLC-ECAPCI/HRMS. <i>Journal of Lipid Research</i> , 2018, 59, 564-575.	4.2	35
34	The CPT1a inhibitor, etomoxir induces severe oxidative stress at commonly used concentrations. <i>Scientific Reports</i> , 2018, 8, 6289.	3.3	119
35	Microbes vs. chemistry in the origin of the anaerobic gut lumen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4170-4175.	7.1	176
36	Defining Metabolic and Nonmetabolic Regulation of Histone Acetylation by NSAID Chemotypes. <i>Molecular Pharmaceutics</i> , 2018, 15, 729-736.	4.6	4

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37	Associations between improvement in genitourinary symptoms of menopause and changes in the vaginal ecosystem. <i>Menopause</i> , 2018, 25, 500-507.	2.0	28
38	Role of Human Aldo-Keto Reductases in the Metabolic Activation of the Carcinogenic Air Pollutant 3-Nitrobenzanthrone. <i>Chemical Research in Toxicology</i> , 2018, 31, 1277-1288.	3.3	8
39	Characterization of a new N-terminally acetylated extra-mitochondrial isoform of frataxin in human erythrocytes. <i>Scientific Reports</i> , 2018, 8, 17043.	3.3	35
40	Effect of Differences in Metabolic Activity of Melanoma Models on Response to Lonidamine plus Doxorubicin. <i>Scientific Reports</i> , 2018, 8, 14654.	3.3	5
41	Gestational Diabetes Alters the Metabolomic Profile in 2nd Trimester Amniotic Fluid in a Sex-Specific Manner. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2696.	4.1	38
42	Quantification of Serum High Mobility Group Box 1 by Liquid Chromatography/High-Resolution Mass Spectrometry: Implications for Its Role in Immunity, Inflammation, and Cancer. <i>Analytical Chemistry</i> , 2018, 90, 7552-7560.	6.5	17
43	Arginase 2 Suppresses Renal Carcinoma Progression via Biosynthetic Cofactor Pyridoxal Phosphate Depletion and Increased Polyamine Toxicity. <i>Cell Metabolism</i> , 2018, 27, 1263-1280.e6.	16.2	85
44	Low apolipoprotein A-I levels in Friedreich's ataxia and in frataxin-deficient cells: Implications for therapy. <i>PLoS ONE</i> , 2018, 13, e0192779.	2.5	13
45	Impact of a High-fat Diet on Tissue Acyl-CoA and Histone Acetylation Levels. <i>Journal of Biological Chemistry</i> , 2017, 292, 3312-3322.	3.4	128
46	Foxp3 Reprograms T Cell Metabolism to Function in Low-Glucose, High-Lactate Environments. <i>Cell Metabolism</i> , 2017, 25, 1282-1293.e7.	16.2	741
47	Biomarkers of exposure to new and emerging tobacco delivery products. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L425-L452.	2.9	95
48	Coenzyme A thioester formation of 11- and 15-oxo-eicosatetraenoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 130, 1-7.	1.9	0
49	Metabolic tracing analysis reveals substrate-specific metabolic deficits in platelet storage lesion. <i>Transfusion</i> , 2017, 57, 2683-2689.	1.6	4
50	Comparison of statistical methods for detection of serum lipid biomarkers for mesothelioma and asbestos exposure. <i>Biomarkers in Medicine</i> , 2017, 11, 547-556.	1.4	1
51	Heme Binding Biguanides Target Cytochrome P450-Dependent Cancer Cell Mitochondria. <i>Cell Chemical Biology</i> , 2017, 24, 1259-1275.e6.	5.2	35
52	Opportunities and Challenges for Environmental Exposure Assessment in Population-Based Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1370-1380.	2.5	27
53	Adrenocortical carcinoma and succinate dehydrogenase gene mutations: an observational case series. <i>European Journal of Endocrinology</i> , 2017, 177, 439-444.	3.7	23
54	On meta- and mega-analyses for gene-environment interactions. <i>Genetic Epidemiology</i> , 2017, 41, 876-886.	1.3	2

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55	Vaginal microbiota and genitourinary menopausal symptoms: a cross-sectional analysis. <i>Menopause</i> , 2017, 24, 1160-1166.	2.0	62
56	Testicular vs adrenal sources of hydroxy-androgens in prostate cancer. <i>Endocrine-Related Cancer</i> , 2017, 24, 393-404.	3.1	10
57	Pretreatment Red Blood Cell Total Folate Concentration Is Associated With Response to Pemetrexed in Stage IV Nonsquamous Non-Small-cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2017, 18, e143-e149.	2.6	3
58	Second trimester amniotic fluid bisphenol A concentration is associated with decreased birth weight in term infants. <i>Reproductive Toxicology</i> , 2017, 67, 1-9.	2.9	62
59	Simultaneous quantitation of nine hydroxy-androgens and their conjugates in human serum by stable isotope dilution liquid chromatography electrospray ionization tandem mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 342-355.	2.5	22
60	Biomarkers of Response to Asbestos Exposure. <i>Current Cancer Research</i> , 2017, , 259-277.	0.2	0
61	Akt-mTORC1 signaling regulates Acl _y to integrate metabolic input to control of macrophage activation. <i>ELife</i> , 2016, 5, .	6.0	324
62	¹³ C MRS and LC-MS Flux Analysis of Tumor Intermediary Metabolism. <i>Frontiers in Oncology</i> , 2016, 6, 135.	2.8	23
63	Inhibition of Mitochondrial Complex II by the Anticancer Agent Lonidamine. <i>Journal of Biological Chemistry</i> , 2016, 291, 42-57.	3.4	132
64	Glutathione antioxidant pathway activity and reserve determine toxicity and specificity of the biliary toxin bilitresone in zebrafish. <i>Hepatology</i> , 2016, 64, 894-907.	7.3	47
65	Company profile: BluePen Biomarkers LLC - integrated biomarker solutions. <i>Future Science OA</i> , 2016, 2, FSO124.	1.9	0
66	AMPK Activation and Metabolic Reprogramming by Tamoxifen through Estrogen Receptor-Independent Mechanisms Suggests New Uses for This Therapeutic Modality in Cancer Treatment. <i>Cancer Research</i> , 2016, 76, 3295-3306.	0.9	69
67	The anti-tumour agent lonidamine is a potent inhibitor of the mitochondrial pyruvate carrier and plasma membrane monocarboxylate transporters. <i>Biochemical Journal</i> , 2016, 473, 929-936.	3.7	93
68	Potential Metabolic Activation of a Representative C2-Alkylated Polycyclic Aromatic Hydrocarbon 6-Ethylchrysene Associated with the Deepwater Horizon Oil Spill in Human Hepatoma (HepG2) Cells. <i>Chemical Research in Toxicology</i> , 2016, 29, 991-1002.	3.3	6
69	The phospholipase A ₂ activity of peroxiredoxin 6 modulates NADPH oxidase 2 activation via lysophosphatidic acid receptor signaling in the pulmonary endothelium and alveolar macrophages. <i>FASEB Journal</i> , 2016, 30, 2885-2898.	0.5	56
70	Mechanism of antineoplastic activity of lonidamine. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 151-162.	7.4	107
71	Diisopropylethylamine/hexafluoroisopropanol-mediated ion-pairing ultra-high-performance liquid chromatography/mass spectrometry for phosphate and carboxylate metabolite analysis: utility for studying cellular metabolism. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1835-1845.	1.5	45
72	Validation of highly sensitive simultaneous targeted and untargeted analysis of keto-steroids by Girard P derivatization and stable isotope dilution-liquid chromatography-high resolution mass spectrometry. <i>Steroids</i> , 2016, 116, 60-66.	1.8	26

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73	Mass spectrometry-based approaches to targeted quantitative proteomics in cardiovascular disease. <i>Clinical Proteomics</i> , 2016, 13, 20.	2.1	18
74	ATP-Citrate Lyase Controls a Glucose-to-Acetate Metabolic Switch. <i>Cell Reports</i> , 2016, 17, 1037-1052.	6.4	282
75	LC-MS Analysis of Human Platelets as a Platform for Studying Mitochondrial Metabolism. <i>Journal of Visualized Experiments</i> , 2016, , e53941.	0.3	6
76	Ultra-high sensitivity analysis of estrogens for special populations in serum and plasma by liquid chromatography–mass spectrometry: Assay considerations and suggested practices. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 162, 70-79.	2.5	31
77	Evidence for Intramyocardial Disruption of Lipid Metabolism and Increased Myocardial Ketone Utilization in Advanced Human Heart Failure. <i>Circulation</i> , 2016, 133, 706-716.	1.6	448
78	Bonded Cumomer Analysis of Human Melanoma Metabolism Monitored by ¹³ C NMR Spectroscopy of Perfused Tumor Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 5157-5171.	3.4	22
79	A broad-spectrum lipidomics screen of antiinflammatory drug combinations in human blood. <i>JCI Insight</i> , 2016, 1, .	5.0	33
80	Serum apolipoprotein A-1 quantification by LC–MS with a SILAC internal standard reveals reduced levels in smokers. <i>Bioanalysis</i> , 2015, 7, 2895-2911.	1.5	28
81	A dynamic career in MS: applications to biomedical research. <i>Future Science OA</i> , 2015, 1, FSO52.	1.9	1
82	ATM Couples Replication Stress and Metabolic Reprogramming during Cellular Senescence. <i>Cell Reports</i> , 2015, 11, 893-901.	6.4	94
83	Metabolism of propionic acid to a novel acyl-coenzyme A thioester by mammalian cell lines and platelets. <i>Journal of Lipid Research</i> , 2015, 56, 142-150.	4.2	16
84	Ultrasensitive quantification of serum estrogens in postmenopausal women and older men by liquid chromatography–tandem mass spectrometry. <i>Steroids</i> , 2015, 96, 140-152.	1.8	47
85	Estrogens and Their Genotoxic Metabolites Are Increased in Obese Prepubertal Girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2322-2328.	3.6	32
86	Production of stable isotope-labeled acyl-coenzyme A thioesters by yeast stable isotope labeling by essential nutrients in cell culture. <i>Analytical Biochemistry</i> , 2015, 474, 59-65.	2.4	51
87	Rotenone Stereospecifically Increases (<i>S</i>)-2-Hydroxyglutarate in SH-SY5Y Neuronal Cells. <i>Chemical Research in Toxicology</i> , 2015, 28, 948-954.	3.3	11
88	15-Oxoecosatetraenoic acid is a 15-hydroxyprostaglandin dehydrogenase-derived electrophilic mediator of inflammatory signaling pathways. <i>Chemico-Biological Interactions</i> , 2015, 234, 144-153.	4.0	31
89	Analysis of estrogens and androgens in postmenopausal serum and plasma by liquid chromatography–mass spectrometry. <i>Steroids</i> , 2015, 99, 76-83.	1.8	29
90	Bioanalytical techniques for detecting biomarkers of response to human asbestos exposure. <i>Bioanalysis</i> , 2015, 7, 1157-1173.	1.5	15

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91	Biosynthesis and actions of 5-oxoeicosatetraenoic acid (5-oxo-EET) on feline granulocytes. <i>Biochemical Pharmacology</i> , 2015, 96, 247-255.	4.4	14
92	Translational metabolomics in cancer research. <i>Biomarkers in Medicine</i> , 2015, 9, 821-834.	1.4	18
93	Oncology bioanalysis: from biomarkers to drug discovery. <i>Biomarkers in Medicine</i> , 2015, 9, 819-820.	1.4	0
94	Stable isotopes and LC-MS for monitoring metabolic disturbances in Friedreich's ataxia platelets. <i>Bioanalysis</i> , 2015, 7, 1843-1855.	1.5	26
95	What are the main considerations for bioanalysis of estrogens and androgens in plasma and serum samples from postmenopausal women?. <i>Bioanalysis</i> , 2014, 6, 3073-3075.	1.5	7
96	Stable isotope dilution liquid chromatography/mass spectrometry analysis of cellular and tissue medium- and long-chain acyl-coenzyme A thioesters. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1840-1848.	1.5	27
97	Inhibition of Neuronal Cell Mitochondrial Complex I with Rotenone Increases Lipid β -Oxidation, Supporting Acetyl-Coenzyme A Levels. <i>Journal of Biological Chemistry</i> , 2014, 289, 26895-26903.	3.4	42
98	Akt-Dependent Metabolic Reprogramming Regulates Tumor Cell Histone Acetylation. <i>Cell Metabolism</i> , 2014, 20, 306-319.	16.2	473
99	Maternal serum serpin B7 is associated with early spontaneous preterm birth. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 678.e1-678.e12.	1.3	21
100	Methotrexate modulates folate phenotype and inflammatory profile in EA.hy 926 cells. <i>European Journal of Pharmacology</i> , 2014, 732, 60-67.	3.5	5
101	Development, validation and application of a stable isotope dilution liquid chromatography electrospray ionization/selected reaction monitoring/mass spectrometry (SID-LC/ESI/SRM/MS) method for quantification of keto-androgens in human serum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 281-289.	2.5	45
102	Human platelets as a platform to monitor metabolic biomarkers using stable isotopes and LC-MS. <i>Bioanalysis</i> , 2013, 5, 3009-3021.	1.5	19
103	The Effect of Menthol on Cigarette Smoking Behaviors, Biomarkers and Subjective Responses. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 382-389.	2.5	58
104	Cellular uptake and antiproliferative effects of 11-oxo-eicosatetraenoic acid. <i>Journal of Lipid Research</i> , 2013, 54, 3070-3077.	4.2	12
105	Untargeted Metabolomics from Biological Sources Using Ultrapformance Liquid Chromatography-High Resolution Mass Spectrometry (UPLC-HRMS). <i>Journal of Visualized Experiments</i> , 2013, , e50433.	0.3	23
106	Dietary Flaxseed in Non-Small Cell Lung Cancer Patients Receiving Chemoradiation. <i>Journal of Pulmonary & Respiratory Medicine</i> , 2013, 03, 154.	0.1	2
107	Targeted Chiral Analysis of Bioactive Arachidonic Acid Metabolites Using Liquid-Chromatography-Mass Spectrometry. <i>Metabolites</i> , 2012, 2, 337-365.	2.9	33
108	Biochemical Fractionation and Stable Isotope Dilution Liquid Chromatography-mass Spectrometry for Targeted and Microdomain-specific Protein Quantification in Human Postmortem Brain Tissue. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1670-1681.	3.8	35

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109	Relative Quantification of Serum Proteins from Pancreatic Ductal Adenocarcinoma Patients by Stable Isotope Dilution Liquid Chromatography–Mass Spectrometry. <i>Journal of Proteome Research</i> , 2012, 11, 1749-1758.	3.7	31
110	8-Oxo-2- β -deoxyguanosine as a biomarker of tobacco-smoking-induced oxidative stress. <i>Free Radical Biology and Medicine</i> , 2012, 53, 610-617.	2.9	60
111	SILEC: a protocol for generating and using isotopically labeled coenzyme A mass spectrometry standards. <i>Nature Protocols</i> , 2012, 7, 1-11.	12.0	61
112	Metabolism and Distribution of Benzo[<i>a</i>]pyrene-7,8-dione (B[<i>a</i>]P-7,8-dione) in Human Lung Cells by Liquid Chromatography Tandem Mass Spectrometry: Detection of an Adenine B[<i>a</i>]P-7,8-dione Adduct. <i>Chemical Research in Toxicology</i> , 2012, 25, 993-1003.	3.3	20
113	Regulation of Benzo[<i>a</i>]pyrene-Mediated DNA- and Glutathione-Adduct Formation by 2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin in Human Lung Cells. <i>Chemical Research in Toxicology</i> , 2011, 24, 89-98.	3.3	28
114	Stable Isotope Labeling by Essential Nutrients in Cell Culture for Preparation of Labeled Coenzyme A and Its Thioesters. <i>Analytical Chemistry</i> , 2011, 83, 1363-1369.	6.5	52
115	11-Oxoeicosatetraenoic Acid Is a Cyclooxygenase-2/15-Hydroxyprostaglandin Dehydrogenase-Derived Antiproliferative Eicosanoid. <i>Chemical Research in Toxicology</i> , 2011, 24, 2227-2236.	3.3	23
116	Rotenone-Mediated Changes in Intracellular Coenzyme A Thioester Levels: Implications for Mitochondrial Dysfunction. <i>Chemical Research in Toxicology</i> , 2011, 24, 1630-1632.	3.3	24
117	Nicotine exposure and metabolizer phenotypes from analysis of urinary nicotine and its 15 metabolites by LC–MS. <i>Bioanalysis</i> , 2011, 3, 745-761.	1.5	45
118	Oncogene-induced Nrf2 transcription promotes ROS detoxification and tumorigenesis. <i>Nature</i> , 2011, 475, 106-109.	27.8	1,831
119	A new liquid chromatography/mass spectrometry method for 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 115-121.		22
120	Liquid chromatography/mass spectrometry of pre-ionized Girard P derivatives for quantifying estrone and its metabolites in serum from postmenopausal women. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1297-1307.	1.5	32
121	Synthesis of deuterium-labeled analogs of the lipid hydroperoxide-derived bifunctional electrophile 4-oxo-2(E)-nonenal. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 247-251.	1.0	8
122	CYP3A4 Mediates Growth of Estrogen Receptor-positive Breast Cancer Cells in Part by Inducing Nuclear Translocation of Phospho-Stat3 through Biosynthesis of (\pm)-14,15-Epoxyeicosatrienoic Acid (EET). <i>Journal of Biological Chemistry</i> , 2011, 286, 17543-17559.	3.4	89
123	Lipid Peroxide–DNA Adducts. , 2011, , 227-244.		4
124	Analysis of altered protein trafficking in schizophrenia by targeted LC–SRM/MS. <i>FASEB Journal</i> , 2011, 25, .	0.5	0
125	Analysis of endogenous glutathione–adducts and their metabolites. <i>Biomedical Chromatography</i> , 2010, 24, 29-38.	1.7	34
126	Analysis of epoxyeicosatrienoic acids by chiral liquid chromatography/electron capture atmospheric pressure chemical ionization mass spectrometry using [¹³ C]–analog internal standards. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3237-3247.	1.5	30

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127	Stable-isotope dilution LC-MS for quantitative biomarker analysis. <i>Bioanalysis</i> , 2010, 2, 311-341.	1.5	206
128	Liquid chromatography-mass spectrometry (LC-MS) of steroid hormone metabolites and its applications. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 546-555.	2.5	78
129	Analysis of estrogens in serum and plasma from postmenopausal women: Past present, and future. <i>Steroids</i> , 2010, 75, 297-306.	1.8	107
130	The Post-Synaptic Density of Human Postmortem Brain Tissues: An Experimental Study Paradigm for Neuropsychiatric Illnesses. <i>PLoS ONE</i> , 2009, 4, e5251.	2.5	72
131	15-oxo-Eicosatetraenoic Acid, a Metabolite of Macrophage 15-Hydroxyprostaglandin Dehydrogenase That Inhibits Endothelial Cell Proliferation. <i>Molecular Pharmacology</i> , 2009, 76, 516-525.	2.3	56
132	5-Lipoxygenase-mediated Endogenous DNA Damage. <i>Journal of Biological Chemistry</i> , 2009, 284, 16799-16807.	3.4	22
133	Two Distinct Translesion Synthesis Pathways across a Lipid Peroxidation-derived DNA Adduct in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 191-198.	3.4	26
134	A 4-oxo-2(E)-nonenal-derived glutathione adduct from 15-lipoxygenase-1-mediated oxidation of cytosolic and esterified arachidonic acid. <i>Free Radical Biology and Medicine</i> , 2009, 47, 953-961.	2.9	9
135	Targeted quantitative analysis of eicosanoid lipids in biological samples using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2736-2745.	2.3	96
136	Analysis of 7,8-Dihydro-8-oxo-2-deoxyguanosine in Cellular DNA during Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2009, 22, 788-797.	3.3	117
137	Identification and Quantification of Preterm Birth Biomarkers in Human Cervicovaginal Fluid by Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2009, 8, 2407-2417.	3.7	62
138	Differential Secreted Proteome Approach in Murine Model for Candidate Biomarker Discovery in Colon Cancer. <i>Journal of Proteome Research</i> , 2009, 8, 5153-5164.	3.7	44
139	Absolute Quantification of Phosphorylation on the Kinase Activation Loop of Cellular Focal Adhesion Kinase by Stable Isotope Dilution Liquid Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 3304-3313.	6.5	57
140	Targeted chiral lipidomics analysis of bioactive eicosanoid lipids in cellular systems. <i>BMB Reports</i> , 2009, 42, 401-410.	2.4	29
141	A Tribute to Hiroshi Miyazaki and His Innovative Research on the Chromatographic Separation of Biologically Important Substances. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2009, 57, 58-59.	0.1	0
142	Determination of cellular redox status by stable isotope dilution liquid chromatography/mass spectrometry analysis of glutathione and glutathione disulfide. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 432-440.	1.5	71
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