

# John Turk

## List of Publications by Year in descending order

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193  
papers

12,430  
citations

17440

63  
h-index

31849

101  
g-index

195  
all docs

195  
docs citations

195  
times ranked

10106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	34
2	Metabolic Effects of Selective Deletion of Group VIA Phospholipase A2 from Macrophages or Pancreatic Islet Beta-Cells. <i>Biomolecules</i> , 2020, 10, 1455.	4.0	8
3	Structural Determination of a New Peptidolipid Family from <i>Rhodococcus opacus</i> and the Pathogen <i>Rhodococcus equi</i> by Multiple Stage Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 611-623.	2.8	3
4	Multiple-stage Precursor Ion Separation and High Resolution Mass Spectrometry toward Structural Characterization of 2,3-Diacyltrehalose Family from <i>Mycobacterium tuberculosis</i> . <i>Separations</i> , 2019, 6, 4.	2.4	7
5	iPLA2 <sup>2</sup> and its role in male fertility, neurological disorders, metabolic disorders, and inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 846-860.	2.4	30
6	Linear ion-trap MSn with high-resolution MS reveals structural diversity of 1-O-acylceramide family in mouse epidermis. <i>Journal of Lipid Research</i> , 2017, 58, 772-782.	4.2	11
7	Progesterone-induced Acrosome Exocytosis Requires Sequential Involvement of Calcium-independent Phospholipase A2 <sup>2</sup> (iPLA2 <sup>2</sup> ) and Group X Secreted Phospholipase A2 (sPLA2). <i>Journal of Biological Chemistry</i> , 2016, 291, 3076-3089.	3.4	25
8	Wnt Protein Signaling Reduces Nuclear Acetyl-CoA Levels to Suppress Gene Expression during Osteoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2016, 291, 13028-13039.	3.4	43
9	Polarization of Macrophages toward M2 Phenotype Is Favored by Reduction in iPLA2 <sup>2</sup> (Group VIA) Tj ETQq1 1 0.784314 rgBT/Overlo	3.4	38
10	Characterization of phthiocerol and phthiodiolone dimycocerosate esters of <i>M. tuberculosis</i> by multiple-stage linear ion-trap MS. <i>Journal of Lipid Research</i> , 2016, 57, 142-155.	4.2	19
11	Mice with Genetic Deletion of Group VIA Phospholipase A <sub>2</sub> <sup>2</sup> Exhibit Impaired Macrophage Function and Increased Parasite Load in <i>Trypanosoma cruzi</i> -Induced Myocarditis. <i>Infection and Immunity</i> , 2016, 84, 1137-1142.	2.2	13
12	Reduced efficiency of sarcolipin-dependent respiration in myocytes from humans with severe obesity. <i>Obesity</i> , 2015, 23, 1440-1449.	3.0	41
13	Identification of Genes Associated with Resilience/Vulnerability to Sleep Deprivation and Starvation in <i>Drosophila</i> . <i>Sleep</i> , 2015, 38, 801-814.	1.1	51
14	Characterization of polar lipids of <i>Listeria monocytogenes</i> by HCD and low-energy CAD linear ion-trap mass spectrometry with electrospray ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2519-2528.	3.7	26
15	Lipogenesis mitigates dysregulated sarcoplasmic reticulum calcium uptake in muscular dystrophy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1530-1538.	2.4	25
16	Group VIA Phospholipase A <sub>2</sub> <sup>2</sup> Mediates Enhanced Macrophage Migration in Diabetes Mellitus by Increasing Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 768-778.	2.4	20
17	Group VIA Phospholipase A2 Mitigates Palmitate-induced <sup>2</sup> -Cell Mitochondrial Injury and Apoptosis. <i>Journal of Biological Chemistry</i> , 2014, 289, 14194-14210.	3.4	30
18	Multiple-stage linear ion-trap with high resolution mass spectrometry towards complete structural characterization of phosphatidylethanolamines containing cyclopropane fatty acyl chain in <i>Leishmania infantum</i> . <i>Journal of Mass Spectrometry</i> , 2014, 49, 201-209.	1.6	23

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19	Absence of calcium-independent phospholipase A2 <sup>2</sup> impairs platelet-activating factor production and inflammatory cell recruitment in Trypanosoma cruzi-infected endothelial cells. <i>Physiological Reports</i> , 2014, 2, e00196.	1.7	10
20	iPLA2 <sup>2</sup> Knockout Mouse, a Genetic Model for Progressive Human Motor Disorders, Develops Age-Related Neuropathology. <i>Neurochemical Research</i> , 2014, 39, 1522-1532.	3.3	22
21	Structural Distinction of Diacyl-, Alkylacyl, and Alk-1-Enylacyl Glycerophosphocholines as [M + 15] <sup>+</sup> Ions by Multiple-Stage Linear Ion-Trap Mass Spectrometry with Electrospray Ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1412-1420.	2.8	25
22	Characterization of mycobacterial triacylglycerols and monomeromycolyl diacylglycerols from Mycobacterium smegmatis biofilm by electrospray ionization multiple-stage and high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7415-7426.	3.7	16
23	Structural studies on archaeal phytanyl-ether lipids isolated from membranes of extreme halophiles by linear ion-trap multiple-stage tandem mass spectrometry with electrospray ionization. <i>Analytica Chimica Acta</i> , 2013, 771, 73-85.	5.4	8
24	Role of Fat Body Lipogenesis in Protection against the Effects of Caloric Overload in Drosophila. <i>Journal of Biological Chemistry</i> , 2013, 288, 8028-8042.	3.4	104
25	Genetic modulation of islet $\beta$ -cell iPLA <sub>2</sub> <sup>2</sup> expression provides evidence for its impact on $\beta$ -cell apoptosis and autophagy. <i>Islets</i> , 2013, 5, 29-44.	1.8	27
26	Selective hepatic insulin resistance in a murine model heterozygous for a mitochondrial trifunctional protein defect. <i>Hepatology</i> , 2013, 57, 2213-2223.	7.3	55
27	Lung endothelial cell platelet-activating factor production and inflammatory cell adherence are increased in response to cigarette smoke component exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L47-L55.	2.9	25
28	Group VIA PLA2 (iPLA2 <sup>2</sup> ) Is Activated Upstream of p38 Mitogen-activated Protein Kinase (MAPK) in Pancreatic Islet $\beta$ -Cell Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 5528-5541.	3.4	25
29	Smooth Muscle-specific Expression of Calcium-independent Phospholipase A2 <sup>2</sup> (iPLA2 <sup>2</sup> ) Participates in the Initiation and Early Progression of Vascular Inflammation and Neointima Formation. <i>Journal of Biological Chemistry</i> , 2012, 287, 24739-24753.	3.4	22
30	Mitochondrial Dysfunction and $\beta$ -Cell Failure in Type 2 Diabetes Mellitus. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-11.	3.8	175
31	Inhibiting Adipose Tissue Lipogenesis Reprograms Thermogenesis and PPAR <sup>3</sup> Activation to Decrease Diet-Induced Obesity. <i>Cell Metabolism</i> , 2012, 16, 189-201.	16.2	205
32	Disturbed brain phospholipid and docosahexaenoic acid metabolism in calcium-independent phospholipase A2-VIA (iPLA2 <sup>2</sup> )-knockout mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1278-1286.	2.4	56
33	Structural determination of glycopeptidolipids of Mycobacterium smegmatis by high-resolution multiple-stage linear ion-trap mass spectrometry with electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1269-1281.	1.6	13
34	Group VIB Phospholipase A <sub>2</sub> <sup>2</sup> Promotes Proliferation of INS-1 Insulinoma Cells and Attenuates Lipid Peroxidation and Apoptosis Induced by Inflammatory Cytokines and Oxidant Agents. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-16.	4.0	6
35	Beta-cell injury in Ncb5or-null mice is exacerbated by consumption of a high-fat diet. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 233-243.	1.5	6
36	Structural elucidation of diglycosyl diacylglycerol and monoglycosyl diacylglycerol from Streptococcus pneumoniae by multiple-stage linear ion-trap mass spectrometry with electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2012, 47, 115-123.	1.6	30

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37	Characterization of Sulfolipids of <i>Mycobacterium tuberculosis</i> H37Rv by Multiple-Stage Linear Ion-Trap High-Resolution Mass Spectrometry with Electrospray Ionization Reveals That the Family of Sulfolipid II Predominates. <i>Biochemistry</i> , 2011, 50, 9135-9147.	2.5	29
38	Development of diabetes in lean Ncb5or-null mice is associated with manifestations of endoplasmic reticulum and oxidative stress in beta cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1532-1541.	3.8	17
39	Structural Definition of Trehalose 6-Monomycolates and Trehalose 6,6'-Dimycolates from the Pathogen <i>Rhodococcus equi</i> by Multiple-Stage Linear Ion-Trap Mass Spectrometry with Electrospray Ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 2160-2170.	2.8	17
40	Characterization of mycolic acids from the pathogen <i>Rhodococcus equi</i> by tandem mass spectrometry with electrospray ionization. <i>Analytical Biochemistry</i> , 2011, 409, 112-122.	2.4	37
41	Identification of a cAMP-response Element in the Regulator of G-protein Signaling-2 (RGS2) Promoter as a Key Cis-regulatory Element for RGS2 Transcriptional Regulation by Angiotensin II in Cultured Vascular Smooth Muscles. <i>Journal of Biological Chemistry</i> , 2011, 286, 44646-44658.	3.4	46
42	Ncb5or Deficiency Increases Fatty Acid Catabolism and Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2011, 286, 11141-11154.	3.4	31
43	Oxidative Modifications of the C-terminal Domain of Tropoelastin Prevent Cell Binding. <i>Journal of Biological Chemistry</i> , 2011, 286, 13574-13582.	3.4	25
44	Activation of group VI phospholipase A2 isoforms in cardiac endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C872-C879.	4.6	16
45	Platelet-activating factor and metastasis: calcium-independent phospholipase A <sub>2</sub> <sup>1</sup> deficiency protects against breast cancer metastasis to the lung. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C825-C832.	4.6	39
46	Electrospray ionization multiple-stage linear ion-trap mass spectrometry for structural elucidation of triacylglycerols: Assignment of fatty acyl groups on the glycerol backbone and location of double bonds. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 657-669.	2.8	117
47	Toward total structural analysis of cardiolipins: multiple-stage linear ion-trap mass spectrometry on the [M <sup>+</sup> 2H + 3Li] <sup>+</sup> ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 1863-1869.	2.8	16
48	Imaging decreased brain docosahexaenoic acid metabolism and signaling in iPLA2 <sup>1</sup> (VIA)-deficient mice. <i>Journal of Lipid Research</i> , 2010, 51, 3166-3173.	4.2	48
49	Cell-free Synthesis and Functional Characterization of Sphingolipid Synthases from Parasitic Trypanosomatid Protozoa. <i>Journal of Biological Chemistry</i> , 2010, 285, 20580-20587.	3.4	37
50	Effects of Endoplasmic Reticulum Stress on Group VIA Phospholipase A2 in Beta Cells Include Tyrosine Phosphorylation and Increased Association with Calnexin*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33843-33857.	3.4	14
51	Role of Calcium-independent Phospholipase A2 <sup>1</sup> in High Glucose-induced Activation of RhoA, Rho Kinase, and CPI-17 in Cultured Vascular Smooth Muscle Cells and Vascular Smooth Muscle Hypercontractility in Diabetic Animals. <i>Journal of Biological Chemistry</i> , 2010, 285, 8628-8638.	3.4	50
52	Macrophage Fatty-acid Synthase Deficiency Decreases Diet-induced Atherosclerosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 23398-23409.	3.4	57
53	Group VIA phospholipase A <sub>2</sub> in both host and tumor cells is involved in ovarian cancer development. <i>FASEB Journal</i> , 2010, 24, 4103-4116.	0.5	58
54	Mice deficient in Group VIB phospholipase A <sub>2</sub> (iPLA <sub>2</sub> <sup>3</sup> ) exhibit relative resistance to obesity and metabolic abnormalities induced by a Western diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E1097-E1114.	3.5	50

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55	Genetic ablation of calcium-independent phospholipase A <sub>2</sub> causes hypercontractility and markedly attenuates endothelium-dependent relaxation to acetylcholine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H2208-H2220.	3.2	17
56	Protection of Pancreatic $\beta$ -Cells by Group VIA Phospholipase A <sub>2</sub> -Mediated Repair of Mitochondrial Membrane Peroxidation. <i>Endocrinology</i> , 2010, 151, 3038-3048.	2.8	75
57	Endothelial Cell Prostaglandin I <sub>2</sub> and Platelet-Activating Factor Production Are Markedly Attenuated in the Calcium-Independent Phospholipase A <sub>2</sub> Knockout Mouse. <i>Biochemistry</i> , 2010, 49, 5473-5481.	2.5	27
58	Evidence for proteolytic processing and stimulated organelle redistribution of iPLA <sub>2</sub> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 547-558.	2.4	28
59	Calcium-Independent Phospholipase A <sub>2</sub> Is Dispensable in Inflammasome Activation and Its Inhibition by Bromoenol Lactone. <i>Journal of Innate Immunity</i> , 2009, 1, 607-617.	3.8	18
60	Degradation of Host Sphingomyelin Is Essential for Leishmania Virulence. <i>PLoS Pathogens</i> , 2009, 5, e1000692.	4.7	64
61	Algorithms for automatic processing of data from mass spectrometric analyses of lipids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2847-2854.	2.3	48
62	Identification of a Physiologically Relevant Endogenous Ligand for PPAR $\alpha$ in Liver. <i>Cell</i> , 2009, 138, 476-488.	28.9	589
63	Elucidation of the double-bond position of long-chain unsaturated fatty acids by multiple-stage linear ion-trap mass spectrometry with electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1673-1680.	2.8	93
64	Structural characterization of unsaturated glycerophospholipids by multiple-stage linear ion-trap mass spectrometry with electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1681-1691.	2.8	104
65	Developmentally regulated sphingolipid synthesis in African trypanosomes. <i>Molecular Microbiology</i> , 2008, 70, 281-296.	2.5	80
66	Regulation of the nitric oxide pathway genes by tetrahydrofurandiols: Microarray analysis of MCF-7 human breast cancer cells. <i>Cancer Letters</i> , 2008, 264, 265-273.	7.2	9
67	Age-Related Changes in Bone Morphology Are Accelerated in Group VIA Phospholipase A <sub>2</sub> (iPLA <sub>2</sub> )-Null Mice. <i>American Journal of Pathology</i> , 2008, 172, 868-881.	3.8	55
68	Disrupted Membrane Homeostasis and Accumulation of Ubiquitinated Proteins in a Mouse Model of Infantile Neuroaxonal Dystrophy Caused by PLA <sub>2</sub> G6 Mutations. <i>American Journal of Pathology</i> , 2008, 172, 406-416.	3.8	146
69	Skeletal Muscle Group VIA Phospholipase A <sub>2</sub> (iPLA <sub>2</sub> ): Expression and Role in Fatty Acid Oxidation. <i>Biochemistry</i> , 2008, 47, 12241-12249.	2.5	18
70	Structural Characterization of Sulfated Steroids That Activate Mouse Pheromone-Sensing Neurons. <i>Biochemistry</i> , 2008, 47, 14009-14019.	2.5	23
71	Smooth Muscle Cell Arachidonic Acid Release, Migration, and Proliferation Are Markedly Attenuated in Mice Null for Calcium-independent Phospholipase A <sub>2</sub> . <i>Journal of Biological Chemistry</i> , 2008, 283, 33975-33987.	3.4	33
72	Modulation of the Regulatory Activity of Bacterial Two-component Systems by SlyA. <i>Journal of Biological Chemistry</i> , 2008, 283, 28158-28168.	3.4	29

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73	Sulfated Steroids as Natural Ligands of Mouse Pheromone-Sensing Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 6407-6418.	3.6	174
74	Glucose homeostasis, insulin secretion, and islet phospholipids in mice that overexpress iPLA <sub>2</sub> <sup>2</sup> in pancreatic $\beta$ -cells and in iPLA <sub>2</sub> <sup>2</sup> -null mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E217-E229.	3.5	60
75	Modulation of the Pancreatic Islet $\beta$ -Cell-delayed Rectifier Potassium Channel Kv2.1 by the Polyunsaturated Fatty Acid Arachidonate. <i>Journal of Biological Chemistry</i> , 2007, 282, 7442-7449.	3.4	51
76	Class A Scavenger Receptor-mediated Macrophage Adhesion Requires Coupling of Calcium-independent Phospholipase A2 and 12/15-Lipoxygenase to Rac and Cdc42 Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 33405-33411.	3.4	37
77	Attenuated Free Cholesterol Loading-induced Apoptosis but Preserved Phospholipid Composition of Peritoneal Macrophages from Mice That Do Not Express Group VIA Phospholipase A2. <i>Journal of Biological Chemistry</i> , 2007, 282, 27100-27114.	3.4	50
78	Group VIA Phospholipase A2 (iPLA <sub>2</sub> <sup>2</sup> ) Participates in Angiotensin II-induced Transcriptional Up-regulation of Regulator of G-protein Signaling-2 in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 25278-25289.	3.4	42
79	Inhibition of 3-Hydroxy-3-Methylglutaryl Coenzyme A (HMG CoA) Reductase Blunts Factor VIIa/Tissue Factor and Prothrombinase Activities via Effects on Membrane Phosphatidylserine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 690-696.	2.4	23
80	Tetrahydrofurandiols (THF-diols), Leukotoxindiols (LTX-diols), and Endocrine Disruption in Rats. <i>Environmental Health Perspectives</i> , 2007, 115, 702-708.	6.0	34
81	Structural characterization of phosphatidyl-myoinositol mannosides from <i>Mycobacterium bovis</i> bacillus calmette guérin by multiple-stage quadrupole ion-trap mass spectrometry with electrospray ionization. I. PIMs and lyso-PIMs. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 466-478.	2.8	48
82	Structural characterization of phosphatidyl-myoinositol mannosides from <i>Mycobacterium bovis</i> bacillus calmette guérin by multiple-stage quadrupole ion-trap mass spectrometry with electrospray ionization. II. Monoacyl- and diacyl-PIMs. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 479-492.	2.8	52
83	Electrospray ionization multiple stage quadrupole ion-trap and tandem quadrupole mass spectrometric studies on phosphatidylglycerol from arabidopsis leaves. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 783-790.	2.8	47
84	Characterization of inositol phosphorylceramides from <i>Leishmania major</i> by tandem mass spectrometry with electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1591-1604.	2.8	69
85	Algorithm for processing raw mass spectrometric data to identify and quantitate complex lipid molecular species in mixtures by data-dependent scanning and fragment ion database searching. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1848-1858.	2.8	89
86	Differentiation of 1-O-alk-1- $\epsilon^2$ -enyl-2-acyl and 1-O-alkyl-2-acyl Glycerophospholipids by Multiple-Stage Linear Ion-Trap Mass Spectrometry with Electrospray Ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 2065-2073.	2.8	67
87	Redirection of sphingolipid metabolism toward de novo synthesis of ethanolamine in <i>Leishmania</i> . <i>EMBO Journal</i> , 2007, 26, 1094-1104.	7.8	108
88	A Bromoenol Lactone Suicide Substrate Inactivates Group VIA Phospholipase A <sub>2</sub> by Generating a Diffusible Bromomethyl Keto Acid That Alkylates Cysteine Thiols. <i>Biochemistry</i> , 2006, 45, 1061-1073.	2.5	53
89	Effects of Biological Oxidants on the Catalytic Activity and Structure of Group VIA Phospholipase A2. <i>Biochemistry</i> , 2006, 45, 6392-6406.	2.5	33
90	Reconstitution of the type II [3H]estradiol binding site with recombinant histone H4. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 99, 1-8.	2.5	10



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91	Identification of the lipopolysaccharide modifications controlled by the Salmonella PmrA/PmrB system mediating resistance to Fe(III) and Al(III). <i>Molecular Microbiology</i> , 2006, 61, 645-654.	2.5	76
92	Characterization of cardiolipin from <i>Escherichia coli</i> by electrospray ionization with multiple stage quadrupole ion-trap mass spectrometric analysis of $[M+2H+Na]^+$ ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 420-429.	2.8	63
93	Characterization of cardiolipin as the sodiated ions by positive-ion electrospray ionization with multiple stage quadrupole ion-trap mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1146-1157.	2.8	51
94	Differentiation of Amphetamine/Methamphetamine and Other Cross-Immunoreactive Sympathomimetic Amines in Urine Samples by Serial Dilution Testing. <i>Clinical Chemistry</i> , 2006, 52, 743-746.	3.2	9
95	Effects of Stable Suppression of Group VIA Phospholipase A2 Expression on Phospholipid Content and Composition, Insulin Secretion, and Proliferation of INS-1 Insulinoma Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 187-198.	3.4	60
96	Insulin Secretory Responses and Phospholipid Composition of Pancreatic Islets from Mice That Do Not Express Group VIA Phospholipase A2 and Effects of Metabolic Stress on Glucose Homeostasis. <i>Journal of Biological Chemistry</i> , 2006, 281, 20958-20973.	3.4	86
97	Electrospray Ionization with Low-Energy Collisionally Activated Dissociation Tandem Mass Spectrometry of Complex Lipids. , 2005, , .		0
98	Structural characterization of cardiolipin by tandem quadrupole and multiple-stage quadrupole ion-trap mass spectrometry with electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 491-504.	2.8	119
99	Studies on phosphatidylserine by tandem quadrupole and multiple stage quadrupole ion-trap mass spectrometry with electrospray ionization: Structural characterization and the fragmentation processes. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1510-1522.	2.8	133
100	Leishmania salvage and remodelling of host sphingolipids in amastigote survival and acidocalcisome biogenesis. <i>Molecular Microbiology</i> , 2005, 55, 1566-1578.	2.5	101
101	Group VIA Phospholipase A2 Forms a Signaling Complex with the Calcium/Calmodulin-dependent Protein Kinase $\text{III}^2$ Expressed in Pancreatic Islet $\text{I}^2$ -Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 6840-6849.	3.4	39
102	Genetic and Pharmacologic Evidence That Calcium-independent Phospholipase A2 $\text{I}^2$ Regulates Virus-induced Inducible Nitric-oxide Synthase Expression by Macrophages. <i>Journal of Biological Chemistry</i> , 2005, 280, 28162-28168.	3.4	54
103	Nuclear type II $[3H]$ estradiol binding sites: A histone H3 $\hat{c}$ H4 complex. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 96, 19-30.	2.5	15
104	$\hat{c}$ hepatic fat activates PPAR $\hat{c}$ to maintain glucose, lipid, and cholesterol homeostasis. <i>Cell Metabolism</i> , 2005, 1, 309-322.	16.2	462
105	$\hat{c}$ -Cell Calcium-Independent Group VIA Phospholipase A2 (iPLA2 $\hat{c}$ ): Tracking iPLA2 $\hat{c}$ Movements in Response to Stimulation With Insulin Secretagogues in INS-1 Cells. <i>Diabetes</i> , 2004, 53, S186-S189.	0.6	34
106	The PmrA-Regulated pmrC Gene Mediates Phosphoethanolamine Modification of Lipid A and Polymyxin Resistance in <i>Salmonella enterica</i> . <i>Journal of Bacteriology</i> , 2004, 186, 4124-4133.	2.2	286
107	Male Mice That Do Not Express Group VIA Phospholipase A2 Produce Spermatozoa with Impaired Motility and Have Greatly Reduced Fertility. <i>Journal of Biological Chemistry</i> , 2004, 279, 38194-38200.	3.4	153
108	Analytic Performance of Immunoassays for Drugs of Abuse Below Established Cutoff Values. <i>Clinical Chemistry</i> , 2004, 50, 717-722.	3.2	47

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109	Islet Complex Lipids: Involvement in the Actions of Group VIA Calcium-Independent Phospholipase A2 in $\beta$ -Cells. <i>Diabetes</i> , 2004, 53, S179-S185.	0.6	25
110	PhoP-regulated <i>Salmonella</i> resistance to the antimicrobial peptides magainin 2 and polymyxin B. <i>Molecular Microbiology</i> , 2004, 53, 229-241.	2.5	135
111	Characterization of acylphosphatidylglycerols from salmonella typhimurium by tandem mass spectrometry with electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1-11.	2.8	70
112	Studies on sulfatides by quadrupole ion-trap mass spectrometry with electrospray ionization: Structural characterization and the fragmentation processes that include an unusual internal galactose residue loss and the classical charge-remote fragmentation. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 536-546.	2.8	102
113	Characterization of N-terminal processing of group VIA phospholipase A2 and of potential cleavage sites of amyloid precursor protein constructs by automated identification of signature peptides in LC/MS/MS analyses of proteolytic digests. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1780-1793.	2.8	15
114	The expression and function of a group VIA calcium-independent phospholipase A2 (iPLA <sub>2</sub> ) in $\beta$ -cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004, 82, 824-832.	1.4	37
115	Apoptosis of Insulin-Secreting Cells Induced by Endoplasmic Reticulum Stress Is Amplified by Overexpression of Group VIA Calcium-Independent Phospholipase A2 (iPLA <sub>2</sub> ) and Suppressed by Inhibition of iPLA <sub>2</sub> . <i>Biochemistry</i> , 2004, 43, 918-930.	2.5	93
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