

John Newman

List of Publications by Year in descending order

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Version: 2024-02-01

218
papers

11,731
citations

34105

52
h-index

31849

101
g-index

232
all docs

232
docs citations

232
times ranked

15378
citing authors

#	ARTICLE	IF	CITATIONS
1	Almond Consumption for 8 Weeks Altered Host and Microbial Metabolism in Comparison to a Control Snack in Young Adults. , 2023, 42, 242-254.		2
2	Host lipidome and tuberculosis treatment failure. European Respiratory Journal, 2022, 59, 2004532.	6.7	10
3	Effects of a diet based on the Dietary Guidelines on vascular health and TMAO in women with cardiometabolic risk factors. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 210-219.	2.6	8
4	Resistant starch wheat increases PYY and decreases GIP but has no effect on self-reported perceptions of satiety. Appetite, 2022, 168, 105802.	3.7	10
5	Non-invasive metabolomics biomarkers of production efficiency and beef carcass quality traits. Scientific Reports, 2022, 12, 231.	3.3	4
6	The Omega-3 Index Response to an 8 Week Randomized Intervention Containing Three Fatty Fish Meals Per Week Is Influenced by Adiposity in Overweight to Obese Women. Frontiers in Nutrition, 2022, 9, 810003.	3.7	4
7	Plasma Oxylipin Profile Discriminates Ethnicities in Subjects with Non-Alcoholic Steatohepatitis: An Exploratory Analysis. Metabolites, 2022, 12, 192.	2.9	3
8	Assessing Insulin Sensitivity and Postprandial Triglyceridemic Response Phenotypes With a Mixed Macronutrient Tolerance Test. Frontiers in Nutrition, 2022, 9, .	3.7	6
9	Multiassay nutritional metabolomics profiling of low vitamin A status versus adequacy is characterized by reduced plasma lipid mediators among lactating women in the Philippines: A pilot study. Nutrition Research, 2022, 104, 118-127.	2.9	4
10	Lipoxins reduce obesity-induced adipose tissue inflammation in 3D-cultured human adipocytes and explant cultures. IScience, 2022, 25, 104602.	4.1	4
11	Plasma and serum oxylipin, endocannabinoid, bile acid, steroid, fatty acid and nonsteroidal anti-inflammatory drug quantification in a 96-well plate format. Analytica Chimica Acta, 2021, 1143, 189-200.	5.4	31
12	Preanalytical Sample Handling Conditions and Their Effects on the Human Serum Metabolome in Epidemiologic Studies. American Journal of Epidemiology, 2021, 190, 459-467.	3.4	7
13	Effects of inflammation and soluble epoxide hydrolase inhibition on oxylipin composition of very low-density lipoproteins in isolated perfused rat livers. Physiological Reports, 2021, 9, e14480.	1.7	4
14	Resistant Starch Type 2 from Wheat Reduces Postprandial Glycemic Response with Concurrent Alterations in Gut Microbiota Composition. Nutrients, 2021, 13, 645.	4.1	44
15	Exogenous GLP-1 stimulates TCA cycle and suppresses gluconeogenesis and ketogenesis in late-fasted northern elephant seals pups. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R393-R403.	1.8	2
16	Exercise training and diet-induced weight loss increase markers of hepatic bile acid (BA) synthesis and reduce serum total BA concentrations in obese women. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E864-E873.	3.5	18
17	N-3 PUFA improved post-menopausal depression induced by maternal separation and chronic mild stress through serotonergic pathway in rats effect associated with lipid mediators. Journal of Nutritional Biochemistry, 2021, 91, 108599.	4.2	12
18	Gestational long-term hypoxia induces metabolomic reprogramming and phenotypic transformations in fetal sheep pulmonary arteries. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L770-L784.	2.9	7

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19	Healthy eating index patterns in adults by sex and age predict cardiometabolic risk factors in a cross-sectional study. <i>BMC Nutrition</i> , 2021, 7, 30.	1.6	7
20	Corrigendum to: PSXII-19 Urine Metabolomics Analysis Associated with Feed Efficiency on Crossbred Steers during the Growing and Finishing Period on Forage- and Concentrate-Based Diets. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	0
21	Ethnicity-specific alterations of plasma and hepatic lipidomic profiles are related to high NAFLD rate and severity in Hispanic Americans, a pilot study. <i>Free Radical Biology and Medicine</i> , 2021, 172, 490-502.	2.9	13
22	Serum metabolomic biomarkers of perceptual speed in cognitively normal and mildly impaired subjects with fasting state stratification. <i>Scientific Reports</i> , 2021, 11, 18964.	3.3	15
23	Association of plasma and CSF cytochrome P450, soluble epoxide hydrolase, and ethanolamide metabolism with Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 149.	6.2	19
24	Genetic and environmental influences on serum oxylipins, endocannabinoids, bile acids and steroids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 173, 102338.	2.2	7
25	Oxylipin responses to fasting and insulin infusion in a large mammalian model of fasting-induced insulin resistance, the northern elephant seal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R537-R546.	1.8	0
26	Improving LC-MS analysis of human milk B-vitamins by lactose removal. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1183, 122968.	2.3	5
27	Acute Hypercapnia/Ischemia Alters the Esterification of Arachidonic Acid and Docosahexaenoic Acid Epoxide Metabolites in Rat Brain Neutral Lipids. <i>Lipids</i> , 2020, 55, 7-22.	1.7	11
28	̑-Linolenic acid-enriched butter attenuated high fat diet-induced insulin resistance and inflammation by promoting bioconversion of n-3 PUFA and subsequent oxylipin formation. <i>Journal of Nutritional Biochemistry</i> , 2020, 76, 108285.	4.2	29
29	Metabolic Network Analysis Reveals Altered Bile Acid Synthesis and Metabolism in Alzheimer's Disease. <i>Cell Reports Medicine</i> , 2020, 1, 100138.	6.5	102
30	Reduced Plasma Lipid Mediators Are Directly Associated with Low Vitamin A Status in Women from Western Samar, Philippines. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa041_031.	0.3	3
31	Linoleic Acid-Rich Oil Supplementation Increases Total and High-Molecular-Weight Adiponectin and Alters Plasma Oxylipins in Postmenopausal Women with Metabolic Syndrome. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa136.	0.3	6
32	Harmonized procedures lead to comparable quantification of total oxylipins across laboratories. <i>Journal of Lipid Research</i> , 2020, 61, 1424-1436.	4.2	24
33	Impact of a weight loss and fitness intervention on exercise-associated plasma oxylipin patterns in obese, insulin-resistant, sedentary women. <i>Physiological Reports</i> , 2020, 8, e14547.	1.7	14
34	Metabolomics Reveals Altered Hepatic Bile Acids, Gut Microbiome Metabolites, and Cell Membrane Lipids Associated with Marginal Vitamin A Deficiency in a Mongolian Gerbil Model. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901319.	3.3	6
35	Mid-gestation serum lipidomic profile associations with spontaneous preterm birth are influenced by body mass index. <i>PLoS ONE</i> , 2020, 15, e0239115.	2.5	15
36	Gestational High-Altitude Hypoxia and Metabolomic Reprogramming in Pulmonary Arteries from Fetal Sheep. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0

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37	PSXII-19 Urine Metabolomics Analysis Associated with Feed Efficiency on Crossbred Steers during the Growing and Finishing Period on Forage- and Concentrate- Based Diets. <i>Journal of Animal Science</i> , 2020, 98, 442-442.	0.5	0
38	Noninvasive profiling of sweat-derived lipid mediators for cutaneous research. <i>Skin Research and Technology</i> , 2019, 25, 3-11.	1.6	11
39	Predicting the effects of supplemental EPA and DHA on the omega-3 index. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1034-1040.	4.7	63
40	Prospective randomized controlled pilot study on the effects of almond consumption on skin lipids and wrinkles. <i>Phytotherapy Research</i> , 2019, 33, 3212-3217.	5.8	21
41	Comparative analysis of obesity-related cardiometabolic and renal biomarkers in human plasma and serum. <i>Scientific Reports</i> , 2019, 9, 15385.	3.3	19
42	Luteal Lipids Regulate Progesterone Production and May Modulate Immune Cell Function During the Estrous Cycle and Pregnancy. <i>Frontiers in Endocrinology</i> , 2019, 10, 662.	3.5	10
43	Exercise plasma metabolomics and xenometabolomics in obese, sedentary, insulin-resistant women: impact of a fitness and weight loss intervention. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E999-E1014.	3.5	25
44	Oxylipins in triglyceride-rich lipoproteins of dyslipidemic subjects promote endothelial inflammation following a high fat meal. <i>Scientific Reports</i> , 2019, 9, 8655.	3.3	20
45	Metabolomics Investigation of Vitamin a Deficiency in a Rodent Model (P02-016-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz029.P02-016-19.	0.3	0
46	MS-based targeted metabolomics of eicosanoids and other oxylipins: Analytical and inter-individual variabilities. <i>Free Radical Biology and Medicine</i> , 2019, 144, 72-89.	2.9	56
47	Walnuts change lipoprotein composition suppressing TNF α -stimulated cytokine production by diabetic adipocyte. <i>Journal of Nutritional Biochemistry</i> , 2019, 68, 51-58.	4.2	18
48	A Randomized Controlled-feeding Trial Based on the Dietary Guidelines for Americans Does Not Affect Plasma Trimethylamine N-oxide Levels in Women (P08-031-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz044.P08-031-19.	0.3	0
49	Changes in Lipoproteins, Plasma Fatty Acid Profiles, and MicroRNA Following Four Months of Daily Almond Consumption (P08-098-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz044.P08-098-19.	0.3	0
50	Dietary Linoleic Acid Targets Skeletal Muscle to Impact Energy Metabolism (P08-124-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz044.P08-124-19.	0.3	0
51	Weight loss and fitness intervention increase markers of hepatic bile acid (BA) synthesis, while reducing serum total BA concentrations in sedentary, obese insulin resistant women. <i>FASEB Journal</i> , 2019, 33, 536.15.	0.5	0
52	Long Term Hypoxia Reduces Levels of Oxylipins in Pulmonary Arteries and Venous Plasma of Fetal Sheep. <i>FASEB Journal</i> , 2019, 33, 550.5.	0.5	0
53	Long Term Hypoxia Reduces Antioxidant Levels and Causes a Glycolytic Shift in Neonatal Sheep Pulmonary arteries. <i>FASEB Journal</i> , 2019, 33, 550.6.	0.5	0
54	A role for long-chain acyl-CoA synthetase-4 (ACSL4) in diet-induced phospholipid remodeling and obesity-associated adipocyte dysfunction. <i>Molecular Metabolism</i> , 2018, 9, 43-56.	6.5	84

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55	Establishing and Performing Targeted Multi-residue Analysis for Lipid Mediators and Fatty Acids in Small Clinical Plasma Samples. <i>Methods in Molecular Biology</i> , 2018, 1730, 175-212.	0.9	32
56	Abnormal lipoprotein oxylipins in metabolic syndrome and partial correction by omega-3 fatty acids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 128, 1-10.	2.2	34
57	Aberrant fatty acid metabolism in skeletal muscle contributes to insulin resistance in zinc transporter 7 (znt7)-knockout mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 7549-7563.	3.4	31
58	Associations Among Fatty Acids, Desaturase and Elongase, and Insulin Resistance in Children. <i>Journal of the American College of Nutrition</i> , 2018, 37, 44-50.	1.8	8
59	Obesity-induced changes in lipid mediators persist after weight loss. <i>International Journal of Obesity</i> , 2018, 42, 728-736.	3.4	33
60	Effects of stimulation technique, anatomical region, and time on human sweat lipid mediator profiles. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 134, 84-92.	1.9	8
61	Impact of post-collection freezing delay on the reliability of serum metabolomics in samples reflecting the California mid-term pregnancy biobank. <i>Metabolomics</i> , 2018, 14, 151.	3.0	22
62	Oral ibuprofen differentially affects plasma and sweat lipid mediator profiles in healthy adult males. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 137, 1-8.	1.9	7
63	Structural equation modeling of food craving across the menstrual cycle using behavioral, neuroendocrine, and metabolic factors. <i>Physiology and Behavior</i> , 2018, 195, 28-36.	2.1	7
64	Umbilical cord blood metabolomics reveal distinct signatures of dyslipidemia prior to bronchopulmonary dysplasia and pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L870-L881.	2.9	34
65	A randomized controlled-feeding trial based on the Dietary Guidelines for Americans on cardiometabolic health indexes. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 266-278.	4.7	25
66	Effects of atopic dermatitis and gender on sebum lipid mediator and fatty acid profiles. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 134, 7-16.	2.2	25
67	High Altitude Hypoxia Impacts Omega-3 Fatty Acid Metabolites in Plasma of Fetal and Newborn Sheep. <i>FASEB Journal</i> , 2018, 32, 858.5.	0.5	1
68	A Corpus Investigation of English Cognition Verbs and their Effect on the Incipient Epistemization of Physical Activity Verbs. <i>Russian Linguistic Bulletin</i> , 2018, 22, 560-580.	0.4	2
69	Comprehensive Lipidome and Proteome Analyses to Identify the Inflammatory and Cardiometabolic Fingerprints of Metabolically "Healthy" Versus "Unhealthy" Obese Subjects. <i>FASEB Journal</i> , 2018, 32, 603.11.	0.5	0
70	Prebiotic milk oligosaccharides prevent development of obese phenotype, impairment of gut permeability, and microbial dysbiosis in high fat-fed mice. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G474-G487.	3.4	58
71	Metabolic perturbations of postnatal growth restriction and hyperoxia-induced pulmonary hypertension in a bronchopulmonary dysplasia model. <i>Metabolomics</i> , 2017, 13, 1.	3.0	23
72	Dietary Docosahexaenoic Acid and <i>trans-10, cis-12</i> -Conjugated Linoleic Acid Differentially Alter Oxylipin Profiles in Mouse Periuterine Adipose Tissue. <i>Lipids</i> , 2017, 52, 399-413.	1.7	9

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73	Insulin induces a shift in lipid and primary carbon metabolites in a model of fasting-induced insulin resistance. <i>Metabolomics</i> , 2017, 13, 1.	3.0	9
74	Dose-related liver injury of Geniposide associated with the alteration in bile acid synthesis and transportation. <i>Scientific Reports</i> , 2017, 7, 8938.	3.3	41
75	Diet-induced obesity and weight loss alter bile acid concentrations and bile acid-sensitive gene expression in insulin target tissues of C57BL/6j mice. <i>Nutrition Research</i> , 2017, 46, 11-21.	2.9	44
76	The Human Serum Metabolome of Vitamin B-12 Deficiency and Repletion, and Associations with Neurological Function in Elderly Adults. <i>Journal of Nutrition</i> , 2017, 147, 1839-1849.	2.9	18
77	Oleocanthal-rich extra virgin olive oil demonstrates acute anti-platelet effects in healthy men in a randomized trial. <i>Journal of Functional Foods</i> , 2017, 36, 84-93.	3.4	51
78	Perinatal triphenyl phosphate exposure accelerates type 2 diabetes onset and increases adipose accumulation in UCD-type 2 diabetes mellitus rats. <i>Reproductive Toxicology</i> , 2017, 68, 119-129.	2.9	45
79	Acylcarnitines as markers of exercise-associated fuel partitioning, xenometabolism, and potential signals to muscle afferent neurons. <i>Experimental Physiology</i> , 2017, 102, 48-69.	2.0	49
80	Sweat lipid mediator profiling: a noninvasive approach for cutaneous research. <i>Journal of Lipid Research</i> , 2017, 58, 188-195.	4.2	44
81	Design and implementation of a cross-sectional nutritional phenotyping study in healthy US adults. <i>BMC Nutrition</i> , 2017, 3, 79.	1.6	26
82	The Sweat Mediator Lipidome is Affected by Stimulation Technique but not Sampling Location. <i>FASEB Journal</i> , 2017, 31, lb138.	0.5	0
83	Interrelationships between Inflammatory Biomarkers, Fecal and Plasma Short Chain Fatty Acids. <i>FASEB Journal</i> , 2017, 31, lb477.	0.5	0
84	Using a lipidomics approach for nutritional phenotyping in response to a test meal containing gamma-linolenic acid. <i>Metabolomics</i> , 2016, 12, 1.	3.0	15
85	Plasma fatty acids, oxylipins, and risk of myocardial infarction: the Singapore Chinese Health Study. <i>Journal of Lipid Research</i> , 2016, 57, 1300-1307.	4.2	35
86	Circulating levels of endocannabinoids and oxylipins altered by dietary lipids in older women are likely associated with previously identified gene targets. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1693-1704.	2.4	31
87	Association between plasma endocannabinoids and appetite in hemodialysis patients: A pilot study. <i>Nutrition Research</i> , 2016, 36, 658-662.	2.9	11
88	Zinc transporter 7 deficiency affects lipid synthesis in adipocytes by inhibiting insulin-dependent Akt activation and glucose uptake. <i>FEBS Journal</i> , 2016, 283, 378-394.	4.7	29
89	The elusive endogenous adipogenic PPAR β agonists: Lining up the suspects. <i>Progress in Lipid Research</i> , 2016, 61, 149-162.	11.6	32
90	Dietary DHA reduces downstream endocannabinoid and inflammatory gene expression and epididymal fat mass while improving aspects of glucose use in muscle in C57BL/6j mice. <i>International Journal of Obesity</i> , 2016, 40, 129-137.	3.4	58

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91	A Randomized Placebo Controlled Trial of Ibuprofen for Respiratory Syncytial Virus Infection in a Bovine Model. PLoS ONE, 2016, 11, e0152913.	2.5	19
92	Zinc Transporter 7 (Znt7) Knockout in Mice Differentially Affects Lipid Metabolism in Adipose Tissues. FASEB Journal, 2016, 30, 691.4.	0.5	0
93	Plasma Bile Acid Responses in Methane and Non-Methane Producers to Standard Breakfast Meals. FASEB Journal, 2016, 30, 685.7.	0.5	0
94	Effects of Extra Virgin Olive Oil (EVOO) Oleocanthal and Oleacein Content on Platelet Reactivity in Healthy Adults. FASEB Journal, 2016, 30, 1175.11.	0.5	1
95	Associations Between Plasma Fatty Acid Composition, Estimated Desaturase Indices, and Measures of Insulin Resistance in 4th- and 5th-Grade Children. FASEB Journal, 2016, 30, 684.15.	0.5	0
96	Mutations in Durum Wheat <i>SBEII</i> Genes affect Grain Yield Components, Quality, and Fermentation Responses in Rats. Crop Science, 2015, 55, 2813-2825.	1.8	35
97	Intake of farmed Atlantic salmon fed soybean oil increases hepatic levels of arachidonic acid-derived oxylipins and ceramides in mice. Journal of Nutritional Biochemistry, 2015, 26, 585-595.	4.2	30
98	Habitual Physical Activity and Plasma Metabolomic Patterns Distinguish Individuals with Low vs. High Weight Loss during Controlled Energy Restriction. Journal of Nutrition, 2015, 145, 681-690.	2.9	34
99	A novel approach to identify optimal metabolotypes of elongase and desaturase activities in prevention of acute coronary syndrome. Metabolomics, 2015, 11, 1327-1337.	3.0	2
100	Antioxidant supplementation and obesity have independent effects on hepatic oxylipin profiles in insulin-resistant, obesity-prone rats. Free Radical Biology and Medicine, 2015, 89, 182-191.	2.9	22
101	Effects of short-term walnut consumption on human microvascular function and its relationship to plasma epoxide content. Journal of Nutritional Biochemistry, 2015, 26, 1458-1466.	4.2	25
102	Increased Accumulation of Long-chain Fatty Acids in Skeletal Muscle May Contribute Insulin Resistance in Znt7 Knockout Mice. FASEB Journal, 2015, 29, 748.5.	0.5	0
103	Short Chain Fatty Acid Production and Glucose Responses by Methane Producers. FASEB Journal, 2015, 29, 744.6.	0.5	0
104	The Change in Human Microvascular Function and its Relationship to Plasma Epoxide Content After Short-term Walnut Intake. FASEB Journal, 2015, 29, 923.9.	0.5	0
105	Walnuts Rearrange the Lipid Mediator Composition of Lipoproteins Independent of Changes in Fatty Acid Precursors. FASEB Journal, 2015, 29, 715.10.	0.5	0
106	Abstract 702: Walnut Treatment Reduces Specific Pro-inflammatory Lipid Mediators While Increasing Anti-inflammatory Ones: An RCT subanalysis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
107	Improved Metabolic Health Alters Host Metabolism in Parallel with Changes in Systemic Xeno-Metabolites of Gut Origin. PLoS ONE, 2014, 9, e84260.	2.5	39
108	Perinatal Exposure of Mice to the Pesticide DDT Impairs Energy Expenditure and Metabolism in Adult Female Offspring. PLoS ONE, 2014, 9, e103337.	2.5	135

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109	Effect of Omega-3 Fatty Acid Ethyl Esters on the Oxylipin Composition of Lipoproteins in Hypertriglyceridemic, Statin-Treated Subjects. PLoS ONE, 2014, 9, e111471.	2.5	29
110	The Postprandial Effects of a Moderately High-Fat Meal on Lipid Profiles and Vascular Inflammation in Alzheimer's Disease Patients: A Pilot Study. Journal of General Practice (Los Angeles, Calif), 2014, 02, .	0.1	2
111	Indomethacin Treatment Prevents High Fat Diet-induced Obesity and Insulin Resistance but Not Glucose Intolerance in C57BL/6J Mice. Journal of Biological Chemistry, 2014, 289, 16032-16045.	3.4	33
112	Dietary Long-Chain Omega-3 Fatty Acids Do Not Diminish Eosinophilic Pulmonary Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 626-636.	2.9	34
113	High-Dose Simvastatin Exhibits Enhanced Lipid-Lowering Effects Relative to Simvastatin/Ezetimibe Combination Therapy. Circulation: Cardiovascular Genetics, 2014, 7, 955-964.	5.1	13
114	Frataxin deficiency increases cyclooxygenase 2 and prostaglandins in cell and animal models of Friedreich's ataxia. Human Molecular Genetics, 2014, 23, 6838-6847.	2.9	26
115	Habitual Diets Rich in Dark-Green Vegetables Are Associated with an Increased Response to ω -3 Fatty Acid Supplementation in Americans of African Ancestry. Journal of Nutrition, 2014, 144, 123-131.	2.9	15
116	A diet containing a nonfat dry milk matrix significantly alters systemic oxylipins and the endocannabinoid 2-arachidonoylglycerol (2-AG) in diet-induced obese mice. Nutrition and Metabolism, 2014, 11, 24.	3.0	7
117	Lipid Profiling following Intake of the Omega 3 Fatty Acid DHA Identifies the Peroxidized Metabolites F4-Neuroprostanes as the Best Predictors of Atherosclerosis Prevention. PLoS ONE, 2014, 9, e89393.	2.5	69
118	Correlation of lipoprotein epoxide content to microvascular function after short-term walnut intake (831.5). FASEB Journal, 2014, 28, 831.5.	0.5	2
119	Direct comparison of fatty acid ratios in single cellular lipid droplets as determined by comparative Raman spectroscopy and gas chromatography. Analyst, The, 2013, 138, 6662.	3.5	54
120	The Effect of Docosahexaenoic Acid on ω -10, ω -12-Conjugated Linoleic Acid-Induced Changes in Fatty Acid Composition of Mouse Liver, Adipose, and Muscle. Metabolic Syndrome and Related Disorders, 2013, 11, 63-70.	1.3	11
121	Plasma oxylipin profiling identifies polyunsaturated vicinal diols as responsive to arachidonic acid and docosahexaenoic acid intake in growing piglets. Journal of Lipid Research, 2013, 54, 1598-1607.	4.2	27
122	Oral or parenteral administration of curcumin does not prevent the growth of high-risk $t(4;11)$ acute lymphoblastic leukemia cells engrafted into a NOD/SCID mouse model. International Journal of Oncology, 2013, 42, 741-748.	3.3	5
123	Association between Subcutaneous White Adipose Tissue and Serum 25-Hydroxyvitamin D in Overweight and Obese Adults. Nutrients, 2013, 5, 3352-3366.	4.1	41
124	Partial Least Squares Regression Discriminated High and Low Total Weight Loss Groups in Overweight and Obese Adults Consuming an Energy Restricted Diet.. FASEB Journal, 2013, 27, 854.7.	0.5	0
125	Resveratrol given intraperitoneally does not inhibit the growth of high-risk $t(4;11)$ acute lymphoblastic leukemia cells in a NOD/SCID mouse model. International Journal of Oncology, 2012, 40, 1277-84.	3.3	10
126	Arachidonate 5-Lipoxygenase Gene Variants Affect Response to Fish Oil Supplementation by Healthy African Americans. Journal of Nutrition, 2012, 142, 1417-1428.	2.9	16

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127	Daily Consumption of Orange-Fleshed Sweet Potato for 60 Days Increased Plasma β -Carotene Concentration but Did Not Increase Total Body Vitamin A Pool Size in Bangladeshi Women. <i>Journal of Nutrition</i> , 2012, 142, 1896-1902.	2.9	31
128	Vitamin B-12 Supplementation of Rural Mexican Women Changes Biochemical Vitamin B-12 Status Indicators but Does Not Affect Hematology or a Bone Turnover Marker. <i>Journal of Nutrition</i> , 2012, 142, 1881-1887.	2.9	21
129	Basal omega-3 fatty acid status affects fatty acid and oxylipin responses to high-dose n3-HUFA in healthy volunteers. <i>Journal of Lipid Research</i> , 2012, 53, 1662-1669.	4.2	96
130	Dietary resveratrol does not delay engraftment, sensitize to vincristine or inhibit growth of high-risk acute lymphoblastic leukemia cells in NOD/SCID mice. <i>International Journal of Oncology</i> , 2012, 41, 2207-2212.	3.3	13
131	imDEV: a graphical user interface to R multivariate analysis tools in Microsoft Excel. <i>Bioinformatics</i> , 2012, 28, 2288-2290.	4.1	34
132	Saturated fatty acids activate TLR-mediated proinflammatory signaling pathways. <i>Journal of Lipid Research</i> , 2012, 53, 2002-2013.	4.2	479
133	IRF-1 and miRNA126 Modulate VCAM-1 Expression in Response to a High-Fat Meal. <i>Circulation Research</i> , 2012, 111, 1054-1064.	4.5	81
134	Variation in metabolic responses to meal challenges differing in glycemic index in healthy women: Is it meaningful?. <i>Nutrition and Metabolism</i> , 2012, 9, 26.	3.0	25
135	Quantitative profiling of oxylipins through comprehensive LC-MS/MS analysis: application in cardiac surgery. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1413-1426.	3.7	212
136	Type 2 Diabetes Associated Changes in the Plasma Non-Esterified Fatty Acids, Oxylipins and Endocannabinoids. <i>PLoS ONE</i> , 2012, 7, e48852.	2.5	109
137	Daily consumption of orange-fleshed sweet potato increased plasma β -carotene concentration but did not increase total body vitamin A pool size in Bangladeshi women. <i>FASEB Journal</i> , 2012, 26, 1031.3.	0.5	0
138	Ground beef consumption and MUFA:SAT alters HDL oxylipin profile in healthy men. <i>FASEB Journal</i> , 2012, 26, 1014.8.	0.5	0
139	Saturated fatty acids activate TLR-mediated proinflammatory signaling pathways. <i>FASEB Journal</i> , 2012, 26, 364.8.	0.5	1
140	12- and 15-lipoxygenases in human carotid atherosclerotic lesions: Associations with cerebrovascular symptoms. <i>Atherosclerosis</i> , 2011, 215, 411-416.	0.8	68
141	Effects of Dynamic Exercise on Plasma Arachidonic Acid Epoxides and Diols in Human Volunteers. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2011, 21, 471-479.	2.1	20
142	The Human Serum Metabolome. <i>PLoS ONE</i> , 2011, 6, e16957.	2.5	1,378
143	Genetic contribution of the leukotriene pathway to coronary artery disease. <i>Human Genetics</i> , 2011, 129, 617-627.	3.8	42
144	Methylmalonic acid quantification in low serum volumes by UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1502-1506.	2.3	31

#	ARTICLE	IF	CITATIONS
145	ALOX5 gene variants affect eicosanoid production and response to fish oil supplementation. <i>Journal of Lipid Research</i> , 2011, 52, 991-1003.	4.2	31
146	Effect of industrially produced trans fat on markers of systemic inflammation: evidence from a randomized trial in women. <i>Journal of Lipid Research</i> , 2011, 52, 1821-1828.	4.2	62
147	Effect of trans fatty acid intake on abdominal and liver fat deposition and blood lipids: a randomized trial in overweight postmenopausal women. <i>Nutrition and Diabetes</i> , 2011, 1, e4-e4.	3.2	30
148	Insight in modulation of inflammation in response to diclofenac intervention: a human intervention study. <i>BMC Medical Genomics</i> , 2010, 3, 5.	1.5	34
149	Detection of omega-3 oxylipins in human plasma and response to treatment with omega-3 acid ethyl esters. <i>Journal of Lipid Research</i> , 2010, 51, 2074-2081.	4.2	118
150	Web-Enabled and Improved Software Tools and Data Are Needed to Measure Nutrient Intakes and Physical Activity for Personalized Health Research. <i>Journal of Nutrition</i> , 2010, 140, 2104-2115.	2.9	26
151	Detection of omega-3 oxylipins in human plasma and response to treatment with omega-3 acid ethyl esters. <i>Journal of Lipid Research</i> , 2010, 51, 2074-2081.	4.2	97
152	Plasma Metabolomic Profiles Reflective of Glucose Homeostasis in Non-Diabetic and Type 2 Diabetic Obese African-American Women. <i>PLoS ONE</i> , 2010, 5, e15234.	2.5	367
153	Type 2 Diabetes-associated changes in the plasma lipidome in obese women. <i>FASEB Journal</i> , 2010, 24, 542.1.	0.5	0
154	Influence of Dietary Fatty Acid Content and Composition on Lipid Metabolism in the Syrian Hamsters. <i>FASEB Journal</i> , 2010, 24, 936.11.	0.5	0
155	Increased expression of receptors for orexigenic factors in nodose ganglion of diet-induced obese rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E898-E903.	3.5	79
156	Plasma Acylcarnitine Profiles Suggest Incomplete Long-Chain Fatty Acid β -Oxidation and Altered Tricarboxylic Acid Cycle Activity in Type 2 Diabetic African-American Women. <i>Journal of Nutrition</i> , 2009, 139, 1073-1081.	2.9	508
157	Triglyceride-rich lipoprotein lipolysis releases neutral and oxidized FFAs that induce endothelial cell inflammation. <i>Journal of Lipid Research</i> , 2009, 50, 204-213.	4.2	225
158	Impact of circulating esterified eicosanoids and other oxylipins on endothelial function. <i>Current Atherosclerosis Reports</i> , 2009, 11, 403-410.	4.8	76
159	Administration of a substituted adamantyl urea inhibitor of soluble epoxide hydrolase protects the kidney from damage in hypertensive Goto-Kakizaki rats. <i>Clinical Science</i> , 2009, 116, 61-70.	4.3	75
160	CD11d expression is dramatically increased in white adipose tissue of obese rodents. <i>FASEB Journal</i> , 2009, 23, 221.4.	0.5	0
161	Isolation and characterization of a low phytic acid rice mutant reveals a mutation in the rice orthologue of maize MIK. <i>Theoretical and Applied Genetics</i> , 2008, 117, 1291-1301.	3.6	66
162	Phospholipase A2 reduction ameliorates cognitive deficits in a mouse model of Alzheimer's disease. <i>Nature Neuroscience</i> , 2008, 11, 1311-1318.	14.8	314

#	ARTICLE	IF	CITATIONS
163	Lipoprotein lipase releases esterified oxylipins from very low-density lipoproteins. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 215-222.	2.2	62
164	Development of Metabolically Stable Inhibitors of Mammalian Microsomal Epoxide Hydrolase. Chemical Research in Toxicology, 2008, 21, 951-957.	3.3	32
165	Effects of Pyridine Exposure upon Structural Lipid Metabolism in Swiss Webster Mice. Chemical Research in Toxicology, 2008, 21, 583-590.	3.3	7
166	Salt Loading Increases Urinary Excretion of Linoleic Acid Diols and Triols in Healthy Human Subjects. Hypertension, 2008, 51, 755-761.	2.7	14
167	Increased blood pressure in mice lacking cytochrome P450 2J5. FASEB Journal, 2008, 22, 4096-4108.	0.5	53
168	Expansion of the Eicosanoid Profiling Methodology by the Addition of ω -3 Fatty Acid Metabolites. FASEB Journal, 2008, 22, 479-28.	0.5	0
169	Comprehensive plasma acylcarnitine profiles of type 2 diabetic and non-diabetic subjects with or without an uncoupling protein 3 (UCP3) missense polymorphism. FASEB Journal, 2008, 22, 614.15.	0.5	0
170	Compensatory Mechanism for Homeostatic Blood Pressure Regulation in Ephx2 Gene-disrupted Mice. Journal of Biological Chemistry, 2007, 282, 2891-2898.	3.4	127
171	Proteinuria increases oxylipid concentrations in VLDL and HDL but not LDL particles in the rat. Journal of Lipid Research, 2007, 48, 1792-1800.	4.2	40
172	Pathogenesis of Aryl Hydrocarbon Receptor-Mediated Development of Lymphoma Is Associated with Increased Cyclooxygenase-2 Expression. American Journal of Pathology, 2007, 171, 1538-1548.	3.8	75
173	Clofibrate-induced changes in the liver, heart, brain and white adipose lipid metabolome of Swiss-Webster mice. Metabolomics, 2007, 3, 137-145.	3.0	22
174	Fatty acid composition of liver, adipose tissue, spleen, and heart of mice fed diets containing t10, c12-, and c9, t11-conjugated linoleic acid. Prostaglandins Leukotrienes and Essential Fatty Acids, 2006, 74, 331-338.	2.2	49
175	Peptidyl-urea based inhibitors of soluble epoxide hydrolases. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5439-5444.	2.2	27
176	Role of Soluble Epoxide Hydrolase in Postischemic Recovery of Heart Contractile Function. Circulation Research, 2006, 99, 442-450.	4.5	173
177	Attenuation of Vascular Smooth Muscle Cell Proliferation by 1-Cyclohexyl-3-dodecyl Urea Is Independent of Soluble Epoxide Hydrolase Inhibition. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 815-821.	2.5	29
178	Genetic variation in soluble epoxide hydrolase (EPHX2) and risk of coronary heart disease: The Atherosclerosis Risk in Communities (ARIC) study. Human Molecular Genetics, 2006, 15, 1640-1649.	2.9	171
179	trans-10, cis-12-Conjugated Linoleic Acid Reduced omega-3 Fatty Acid in Liver and Heart Tissue Of Mice. FASEB Journal, 2006, 20, A861.	0.5	0
180	An Epoxide Hydrolase Inhibitor, 12-(3-Adamantan-1-yl-ureido)dodecanoic Acid (AUDA), Reduces Ischemic Cerebral Infarct Size in Stroke-Prone Spontaneously Hypertensive Rats. Journal of Cardiovascular Pharmacology, 2005, 46, 842-848.	1.9	117

#	ARTICLE	IF	CITATIONS
181	An Orally Active Epoxide Hydrolase Inhibitor Lowers Blood Pressure and Provides Renal Protection in Salt-Sensitive Hypertension. <i>Hypertension</i> , 2005, 46, 975-981.	2.7	223
182	Graded Effects of Proteinuria on HDL Structure in Nephrotic Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1309-1319.	6.1	18
183	Soluble epoxide hydrolase is a therapeutic target for acute inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9772-9777.	7.1	420
184	Lipid Sulfates and Sulfonates Are Allosteric Competitive Inhibitors of the N-Terminal Phosphatase Activity of the Mammalian Soluble Epoxide Hydrolase. <i>Biochemistry</i> , 2005, 44, 12179-12187.	2.5	64
185	Epoxide hydrolases: their roles and interactions with lipid metabolism. <i>Progress in Lipid Research</i> , 2005, 44, 1-51.	11.6	400
186	Cytochrome P450-Dependent Lipid Metabolism in Preovulatory Follicles. <i>Endocrinology</i> , 2004, 145, 5097-5105.	2.8	43
187	Epoxide Hydrolases in the Rat Epididymis: Possible Roles in Xenobiotic and Endogenous Fatty Acid Metabolism. <i>Toxicological Sciences</i> , 2004, 78, 187-195.	3.1	22
188	Enhanced Postischemic Functional Recovery in CYP2J2 Transgenic Hearts Involves Mitochondrial ATP-Sensitive K ⁺ Channels and p42/p44 MAPK Pathway. <i>Circulation Research</i> , 2004, 95, 506-514.	4.5	247
189	Altered Kidney CYP2C and Cyclooxygenase-2 Levels Are Associated with Obesity-Related Albuminuria. <i>Obesity</i> , 2004, 12, 1278-1289.	4.0	45
190	Soluble epoxide hydrolase inhibition protects the kidney from hypertension-induced damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1244-53.	6.1	153
191	Purification and characterization of a methylene urea-hydrolyzing enzyme from <i>Rhizobium radiobacter</i> (<i>Agrobacterium tumefaciens</i>). <i>Soil Biology and Biochemistry</i> , 2003, 35, 1433-1442.	8.8	4
192	Congener-Based Aroclor Quantification and Speciation Techniques: A Comparison of the Strengths, Weaknesses, and Proper Use of Two Alternative Approaches. <i>Environmental Science & Technology</i> , 2003, 37, 5678-5686.	10.0	17
193	The soluble epoxide hydrolase encoded by EPXH2 is a bifunctional enzyme with novel lipid phosphate phosphatase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1558-1563.	7.1	191
194	IN VITRO METABOLISM OF THE MAMMALIAN SOLUBLE EPOXIDE HYDROLASE INHIBITOR, 1-CYCLOHEXYL-3-DODECYL-UREA. <i>Drug Metabolism and Disposition</i> , 2003, 31, 846-853.	3.3	23
195	Involvement of CYP 2C9 in Mediating the Proinflammatory Effects of Linoleic Acid in Vascular Endothelial Cells. <i>Journal of the American College of Nutrition</i> , 2003, 22, 502-510.	1.8	98
196	The simultaneous quantification of cytochrome P450 dependent linoleate and arachidonate metabolites in urine by HPLC-MS/MS. <i>Journal of Lipid Research</i> , 2002, 43, 1563-1578.	4.2	131
197	Effect of nutritional state on Hsp60 levels in the rotifer <i>Brachionus plicatilis</i> following toxicant exposure. <i>Aquatic Toxicology</i> , 2002, 61, 89-93.	4.0	22
198	Structural refinement of inhibitors of urea-based soluble epoxide hydrolases. <i>Biochemical Pharmacology</i> , 2002, 63, 1599-1608.	4.4	173

#	ARTICLE	IF	CITATIONS
199	Influence of sample manipulation on contaminant flux and toxicity at the sediment-water interface. <i>Marine Environmental Research</i> , 2001, 51, 191-211.	2.5	33
200	Inhibition of Microsomal Epoxide Hydrolases by Ureas, Amides, and Amines. <i>Chemical Research in Toxicology</i> , 2001, 14, 409-415.	3.3	54
201	Evaluation of fish models of soluble epoxide hydrolase inhibition.. <i>Environmental Health Perspectives</i> , 2001, 109, 61-66.	6.0	34
202	Individual metabolism should guide agriculture toward foods for improved health and nutrition. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 283-286.	4.7	72
203	Evaluation and use of sediment toxicity reference sites for statistical comparisons in regional assessments. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1266-1275.	4.3	31
204	Optimized thiol derivatizing reagent for the mass spectral analysis of disubstituted epoxy fatty acids. <i>Journal of Chromatography A</i> , 2001, 925, 223-240.	3.7	23
205	The Role of Methyl-Linoleic Acid Epoxide and Diol Metabolites in the Amplified Toxicity of Linoleic Acid and Polychlorinated Biphenyls to Vascular Endothelial Cells. <i>Toxicology and Applied Pharmacology</i> , 2001, 171, 184-193.	2.8	56
206	Toxicity of Epoxy Fatty Acids and Related Compounds to Cells Expressing Human Soluble Epoxide Hydrolase. <i>Chemical Research in Toxicology</i> , 2000, 13, 217-226.	3.3	86
207	Soluble Epoxide Hydrolase Regulates Hydrolysis of Vasoactive Epoxyeicosatrienoic Acids. <i>Circulation Research</i> , 2000, 87, 992-998.	4.5	428
208	Metabolism of Monoepoxides of Methyl Linoleate: Bioactivation and Detoxification. <i>Archives of Biochemistry and Biophysics</i> , 2000, 376, 420-432.	3.0	46
209	Cress and Potato Soluble Epoxide Hydrolases: Purification, Biochemical Characterization, and Comparison to Mammalian Enzymes. <i>Archives of Biochemistry and Biophysics</i> , 2000, 378, 321-332.	3.0	67
210	Assessment of sediment toxicity and chemical concentrations in the San Diego Bay region, California, USA. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1570-1581.	4.3	55
211	Quantitation of Aroclors using congener-specific results. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2159-2167.	4.3	33
212	Mechanism of Mammalian Soluble Epoxide Hydrolase Inhibition by Chalcone Oxide Derivatives. <i>Archives of Biochemistry and Biophysics</i> , 1998, 356, 214-228.	3.0	71
213	COMPARISON OF MARINE SEDIMENT TOXICITY TEST PROTOCOLS FOR THE AMPHIPOD RHEPOXYNIUS ABRONIUS AND THE POLYCHAETE WORM NEREIS (NEANTHES) ARENACEODENTATA. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 859.	4.3	2
214	CLINICAL AND PATHOLOGICAL CHARACTERIZATION OF NORTHERN ELEPHANT SEAL SKIN DISEASE. <i>Journal of Wildlife Diseases</i> , 1997, 33, 438-449.	0.8	55
215	Organochlorines and other environmental contaminants in muscle tissues of sportfish collected from San Francisco Bay. <i>Marine Pollution Bulletin</i> , 1997, 34, 1058-1071.	5.0	79
216	OIL-SPECIFIC PROPERTIES SUMMARY SHEETS FOR SPILL RESPONSE. <i>International Oil Spill Conference Proceedings</i> , 1997, 1997, 929-930.	0.1	0

#	ARTICLE	IF	CITATIONS
217	Contaminants in oysters in Kaneohe Bay, Hawaii. <i>Marine Pollution Bulletin</i> , 1995, 30, 646-654.	5.0	33
218	A method for the determination of environmental contaminants in living marine mammals using microscale samples of blubber and blood. <i>Chemosphere</i> , 1994, 29, 671-681.	8.2	12