

John Newman

List of Publications by Year in descending order

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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	The Human Serum Metabolome. PLoS ONE, 2011, 6, e16957.	2.5	1,378
2	Plasma Acylcarnitine Profiles Suggest Incomplete Long-Chain Fatty Acid β -Oxidation and Altered Tricarboxylic Acid Cycle Activity in Type 2 Diabetic African-American Women. Journal of Nutrition, 2009, 139, 1073-1081.	2.9	508
3	Saturated fatty acids activate TLR-mediated proinflammatory signaling pathways. Journal of Lipid Research, 2012, 53, 2002-2013.	4.2	479
4	Soluble Epoxide Hydrolase Regulates Hydrolysis of Vasoactive Epoxyeicosatrienoic Acids. Circulation Research, 2000, 87, 992-998.	4.5	428
5	Soluble epoxide hydrolase is a therapeutic target for acute inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9772-9777.	7.1	420
6	Epoxide hydrolases: their roles and interactions with lipid metabolism. Progress in Lipid Research, 2005, 44, 1-51.	11.6	400
7	Plasma Metabolomic Profiles Reflective of Glucose Homeostasis in Non-Diabetic and Type 2 Diabetic Obese African-American Women. PLoS ONE, 2010, 5, e15234.	2.5	367
8	Phospholipase A2 reduction ameliorates cognitive deficits in a mouse model of Alzheimer's disease. Nature Neuroscience, 2008, 11, 1311-1318.	14.8	314
9	Enhanced Postischemic Functional Recovery in CYP2J2 Transgenic Hearts Involves Mitochondrial ATP-Sensitive K ⁺ Channels and p42/p44 MAPK Pathway. Circulation Research, 2004, 95, 506-514.	4.5	247
10	Triglyceride-rich lipoprotein lipolysis releases neutral and oxidized FFAs that induce endothelial cell inflammation. Journal of Lipid Research, 2009, 50, 204-213.	4.2	225
11	An Orally Active Epoxide Hydrolase Inhibitor Lowers Blood Pressure and Provides Renal Protection in Salt-Sensitive Hypertension. Hypertension, 2005, 46, 975-981.	2.7	223
12	Quantitative profiling of oxylipins through comprehensive LC-MS/MS analysis: application in cardiac surgery. Analytical and Bioanalytical Chemistry, 2012, 404, 1413-1426.	3.7	212
13	The soluble epoxide hydrolase encoded by EPXH2 is a bifunctional enzyme with novel lipid phosphate phosphatase activity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1558-1563.	7.1	191
14	Structural refinement of inhibitors of urea-based soluble epoxide hydrolases. Biochemical Pharmacology, 2002, 63, 1599-1608.	4.4	173
15	Role of Soluble Epoxide Hydrolase in Postischemic Recovery of Heart Contractile Function. Circulation Research, 2006, 99, 442-450.	4.5	173
16	Genetic variation in soluble epoxide hydrolase (EPXH2) and risk of coronary heart disease: The Atherosclerosis Risk in Communities (ARIC) study. Human Molecular Genetics, 2006, 15, 1640-1649.	2.9	171
17	Soluble epoxide hydrolase inhibition protects the kidney from hypertension-induced damage. Journal of the American Society of Nephrology: JASN, 2004, 15, 1244-53.	6.1	153
18	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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19	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
20	Compensatory Mechanism for Homeostatic Blood Pressure Regulation in Ephx2 Gene-disrupted Mice. <i>Journal of Biological Chemistry</i> , 2007, 282, 2891-2898.	3.4	127
21	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
22	An Epoxide Hydrolase Inhibitor, 12-(3-Adamantan-1-yl-ureido)dodecanoic Acid (AUDA), Reduces Ischemic Cerebral Infarct Size in Stroke-Prone Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 842-848.	1.9	117
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Impact of circulating esterified eicosanoids and other oxylipins on endothelial function. <i>Current Atherosclerosis Reports</i> , 2009, 11, 403-410.	4.8	76
34	Pathogenesis of Aryl Hydrocarbon Receptor-Mediated Development of Lymphoma Is Associated with Increased Cyclooxygenase-2 Expression. <i>American Journal of Pathology</i> , 2007, 171, 1538-1548.	3.8	75
35	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
36	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

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37	Mechanism of Mammalian Soluble Epoxide Hydrolase Inhibition by Chalcone Oxide Derivatives. Archives of Biochemistry and Biophysics, 1998, 356, 214-228.	3.0	71
38	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
39	12- and 15-lipoxygenases in human carotid atherosclerotic lesions: Associations with cerebrovascular symptoms. Atherosclerosis, 2011, 215, 411-416.	0.8	68
40	Cress and Potato Soluble Epoxide Hydrolases: Purification, Biochemical Characterization, and Comparison to Mammalian Enzymes. Archives of Biochemistry and Biophysics, 2000, 378, 321-332.	3.0	67
41	Isolation and characterization of a low phytic acid rice mutant reveals a mutation in the rice orthologue of maize MIK. Theoretical and Applied Genetics, 2008, 117, 1291-1301.	3.6	66
42	Lipid Sulfates and Sulfonates Are Allosteric Competitive Inhibitors of the N-Terminal Phosphatase Activity of the Mammalian Soluble Epoxide Hydrolase. Biochemistry, 2005, 44, 12179-12187.	2.5	64
43	Predicting the effects of supplemental EPA and DHA on the omega-3 index. American Journal of Clinical Nutrition, 2019, 110, 1034-1040.	4.7	63
44	Lipoprotein lipase releases esterified oxylipins from very low-density lipoproteins. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 215-222.	2.2	62
45	Effect of industrially produced trans fat on markers of systemic inflammation: evidence from a randomized trial in women. Journal of Lipid Research, 2011, 52, 1821-1828.	4.2	62
46	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. International Journal of Obesity, 2016, 40, 129-137.	3.4	58
47	Prebiotic milk oligosaccharides prevent development of obese phenotype, impairment of gut permeability, and microbial dysbiosis in high fat-fed mice. American Journal of Physiology - Renal Physiology, 2017, 312, G474-G487.	3.4	58
48	The Role of Methyl-Linoleic Acid Epoxide and Diol Metabolites in the Amplified Toxicity of Linoleic Acid and Polychlorinated Biphenyls to Vascular Endothelial Cells. Toxicology and Applied Pharmacology, 2001, 171, 184-193.	2.8	56
49	MS-based targeted metabolomics of eicosanoids and other oxylipins: Analytical and inter-individual variabilities. Free Radical Biology and Medicine, 2019, 144, 72-89.	2.9	56
50	CLINICAL AND PATHOLOGICAL CHARACTERIZATION OF NORTHERN ELEPHANT SEAL SKIN DISEASE. Journal of Wildlife Diseases, 1997, 33, 438-449.	0.8	55
51	Assessment of sediment toxicity and chemical concentrations in the San Diego Bay region, California, USA. Environmental Toxicology and Chemistry, 1998, 17, 1570-1581.	4.3	55
52	Inhibition of Microsomal Epoxide Hydrolases by Ureas, Amides, and Amines. Chemical Research in Toxicology, 2001, 14, 409-415.	3.3	54
53	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
54	Increased blood pressure in mice lacking cytochrome P450 2J5. FASEB Journal, 2008, 22, 4096-4108.	0.5	53

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55	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
56	Fatty acid composition of liver, adipose tissue, spleen, and heart of mice fed diets containing t10, c12-, and c9, t11-conjugated linoleic acid. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2006, 74, 331-338.	2.2	49
57	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
58	Metabolism of Monoepoxides of Methyl Linoleate: Bioactivation and Detoxification. <i>Archives of Biochemistry and Biophysics</i> , 2000, 376, 420-432.	3.0	46
59	Altered Kidney CYP2C and Cyclooxygenase-2 Levels Are Associated with Obesity-Related Albuminuria. <i>Obesity</i> , 2004, 12, 1278-1289.	4.0	45
60	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
61	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
62	Sweat lipid mediator profiling: a noninvasive approach for cutaneous research. <i>Journal of Lipid Research</i> , 2017, 58, 188-195.	4.2	44
63	Resistant Starch Type 2 from Wheat Reduces Postprandial Glycemic Response with Concurrent Alterations in Gut Microbiota Composition. <i>Nutrients</i> , 2021, 13, 645.	4.1	44
64	Cytochrome P450-Dependent Lipid Metabolism in Preovulatory Follicles. <i>Endocrinology</i> , 2004, 145, 5097-5105.	2.8	43
65	Genetic contribution of the leukotriene pathway to coronary artery disease. <i>Human Genetics</i> , 2011, 129, 617-627.	3.8	42
66	Association between Subcutaneous White Adipose Tissue and Serum 25-Hydroxyvitamin D in Overweight and Obese Adults. <i>Nutrients</i> , 2013, 5, 3352-3366.	4.1	41
67	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
68	Proteinuria increases oxylipid concentrations in VLDL and HDL but not LDL particles in the rat. <i>Journal of Lipid Research</i> , 2007, 48, 1792-1800.	4.2	40
69	Improved Metabolic Health Alters Host Metabolism in Parallel with Changes in Systemic Xeno-Metabolites of Gut Origin. <i>PLoS ONE</i> , 2014, 9, e84260.	2.5	39
70	Mutations in Durum Wheat <i>SBEII</i> Genes affect Grain Yield Components, Quality, and Fermentation Responses in Rats. <i>Crop Science</i> , 2015, 55, 2813-2825.	1.8	35
71	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
72	Evaluation of fish models of soluble epoxide hydrolase inhibition.. <i>Environmental Health Perspectives</i> , 2001, 109, 61-66.	6.0	34

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73	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
74	imDEV: a graphical user interface to R multivariate analysis tools in Microsoft Excel. <i>Bioinformatics</i> , 2012, 28, 2288-2290.	4.1	34
75	Dietary Long-Chain Omega-3 Fatty Acids Do Not Diminish Eosinophilic Pulmonary Inflammation in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 626-636.	2.9	34
76	Habitual Physical Activity and Plasma Metabolomic Patterns Distinguish Individuals with Low vs. High Weight Loss during Controlled Energy Restriction. <i>Journal of Nutrition</i> , 2015, 145, 681-690.	2.9	34
77	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
78	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
79	Contaminants in oysters in Kaneohe Bay, Hawaii. <i>Marine Pollution Bulletin</i> , 1995, 30, 646-654.	5.0	33
80	Quantitation of Aroclors using congener-specific results. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2159-2167.	4.3	33
81	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
82	Indomethacin Treatment Prevents High Fat Diet-induced Obesity and Insulin Resistance but Not Glucose Intolerance in C57BL/6J Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 16032-16045.	3.4	33
83	Obesity-induced changes in lipid mediators persist after weight loss. <i>International Journal of Obesity</i> , 2018, 42, 728-736.	3.4	33
84	Development of Metabolically Stable Inhibitors of Mammalian Microsomal Epoxide Hydrolase. <i>Chemical Research in Toxicology</i> , 2008, 21, 951-957.	3.3	32
85	The elusive endogenous adipogenic PPAR β agonists: Lining up the suspects. <i>Progress in Lipid Research</i> , 2016, 61, 149-162.	11.6	32
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	Plasma and serum oxylipin, endocannabinoid, bile acid, steroid, fatty acid and nonsteroidal anti-inflammatory drug quantification in a 96-well plate format. <i>Analytica Chimica Acta</i> , 2021, 1143, 189-200.	5.4	31
94	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
95	Intake of farmed Atlantic salmon fed soybean oil increases hepatic levels of arachidonic acid-derived oxylipins and ceramides in mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 585-595.	4.2	30
96	Attenuation of Vascular Smooth Muscle Cell Proliferation by 1-Cyclohexyl-3-dodecyl Urea Is Independent of Soluble Epoxide Hydrolase Inhibition. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 815-821.	2.5	29
97	Effect of Omega-3 Fatty Acid Ethyl Esters on the Oxylipin Composition of Lipoproteins in Hypertriglyceridemic, Statin-Treated Subjects. <i>PLoS ONE</i> , 2014, 9, e111471.	2.5	29
98	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
99	Î±-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
100	Peptidyl-urea based inhibitors of soluble epoxide hydrolases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5439-5444.	2.2	27
101	Plasma oxylipin profiling identifies polyunsaturated vicinal diols as responsive to arachidonic acid and docosahexaenoic acid intake in growing piglets. <i>Journal of Lipid Research</i> , 2013, 54, 1598-1607.	4.2	27
102	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
103	Frataxin deficiency increases cyclooxygenase 2 and prostaglandins in cell and animal models of Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2014, 23, 6838-6847.	2.9	26
104	Design and implementation of a cross-sectional nutritional phenotyping study in healthy US adults. <i>BMC Nutrition</i> , 2017, 3, 79.	1.6	26
105	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
106	Effects of short-term walnut consumption on human microvascular function and its relationship to plasma epoxide content. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1458-1466.	4.2	25
107	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
108	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

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109	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
110	Harmonized procedures lead to comparable quantification of total oxylipins across laboratories. <i>Journal of Lipid Research</i> , 2020, 61, 1424-1436.	4.2	24
111	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
112	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
113	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
114	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
115	Epoxyde 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
116	Clofibrate-induced changes in the liver, heart, brain and white adipose lipid metabolome of Swiss-Webster mice. <i>Metabolomics</i> , 2007, 3, 137-145.	3.0	22
117	Antioxidant supplementation and obesity have independent effects on hepatic oxylipin profiles in insulin-resistant, obesity-prone rats. <i>Free Radical Biology and Medicine</i> , 2015, 89, 182-191.	2.9	22
118	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
119	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
120	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
121	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
122	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
123	Comparative analysis of obesity-related cardiometabolic and renal biomarkers in human plasma and serum. <i>Scientific Reports</i> , 2019, 9, 15385.	3.3	19
124	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
125	A Randomized Placebo Controlled Trial of Ibuprofen for Respiratory Syncytial Virus Infection in a Bovine Model. <i>PLoS ONE</i> , 2016, 11, e0152913.	2.5	19
126	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

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127	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
128	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
129	Exercise training and diet-induced weight loss increase markers of hepatic bile acid (BA) synthesis and reduce serum total BA concentrations in obese women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E864-E873.	3.5	18
130	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
131	Arachidonate 5-Lipoxygenase Gene Variants Affect Response to Fish Oil Supplementation by Healthy African Americans. <i>Journal of Nutrition</i> , 2012, 142, 1417-1428.	2.9	16
132	Habitual Diets Rich in Dark-Green Vegetables Are Associated with an Increased Response to ω -3 Fatty Acid Supplementation in Americans of African Ancestry. <i>Journal of Nutrition</i> , 2014, 144, 123-131.	2.9	15
133	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
134	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
135	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
136	Salt Loading Increases Urinary Excretion of Linoleic Acid Diols and Triols in Healthy Human Subjects. <i>Hypertension</i> , 2008, 51, 755-761.	2.7	14
137	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
138	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
139	High-Dose Simvastatin Exhibits Enhanced Lipid-Lowering Effects Relative to Simvastatin/Ezetimibe Combination Therapy. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 955-964.	5.1	13
140	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
141	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
142	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. <i>Journal of Nutritional Biochemistry</i> , 2021, 91, 108599.	4.2	12
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