

Peter J Meikle

List of Publications by Year in descending order

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Version: 2024-02-01

286
papers

16,302
citations

19657

61
h-index

23533

111
g-index

305
all docs

305
docs citations

305
times ranked

20227
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>APOE</i> ϵ 2 resilience for Alzheimer's disease is mediated by plasma lipid species: Analysis of three independent cohort studies. <i>Alzheimer's and Dementia</i> , 2022, 18, 2151-2166.	0.8	16
2	Biomarker Development in Cardiology: Reviewing the Past to Inform the Future. <i>Cells</i> , 2022, 11, 588.	4.1	2
3	Clinical lipidomics – A community-driven roadmap to translate research into clinical applications. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2022, 24, 1-4.	2.4	15
4	Lipidomic Profiling Identifies Serum Lipids Associated with Persistent Multisite Musculoskeletal Pain. <i>Metabolites</i> , 2022, 12, 206.	2.9	1
5	Ontogeny of circulating lipid metabolism in pregnancy and early childhood – a longitudinal population study. <i>ELife</i> , 2022, 11, .	6.0	9
6	Ether Lipids in Obesity: From Cells to Population Studies. <i>Frontiers in Physiology</i> , 2022, 13, 841278.	2.8	12
7	Combined impact of lipidomic and genetic aberrations on clinical outcomes in metastatic castration-resistant prostate cancer. <i>BMC Medicine</i> , 2022, 20, 112.	5.5	6
8	Identification of novel lipid biomarkers in xmrk- and Myc-induced models of hepatocellular carcinoma in zebrafish. <i>Cancer & Metabolism</i> , 2022, 10, 7.	5.0	1
9	Use of coronary computed tomography or polygenic risk scores to prompt action to reduce coronary artery disease risk: the CAPAR-CAD trial. <i>American Heart Journal</i> , 2022, 248, 97-107.	2.7	2
10	Long-lived Humans Have a Unique Plasma Sphingolipidome. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 728-735.	3.6	7
11	Novel Lipidomic Signature Associated With Metabolic Risk in Women With and Without Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1987-e1999.	3.6	3
12	Early life infection and proinflammatory, atherogenic metabolomic and lipidomic profiles in infancy: a population-based cohort study. <i>ELife</i> , 2022, 11, .	6.0	8
13	Defective AMPK regulation of cholesterol metabolism accelerates atherosclerosis by promoting HSPC mobilization and myelopoiesis. <i>Molecular Metabolism</i> , 2022, 61, 101514.	6.5	10
14	Influence of the Human Lipidome on Epicardial Fat Volume in Mexican American Individuals. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	3
15	The Translation and Commercialisation of Biomarkers for Cardiovascular Disease – A Review. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	0
16	Comprehensive genetic analysis of the human lipidome identifies loci associated with lipid homeostasis with links to coronary artery disease. <i>Nature Communications</i> , 2022, 13, .	12.8	30
17	Lipidomic profiling in the Strong Heart Study identified American Indians at risk of chronic kidney disease. <i>Kidney International</i> , 2022, 102, 1154-1166.	5.2	9
18	The Role of Human Milk Lipids and Lipid Metabolites in Protecting the Infant against Non-Communicable Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7490.	4.1	11

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19	New Cardiovascular Risk Assessment Techniques for Primary Prevention. <i>Journal of the American College of Cardiology</i> , 2022, 80, 373-387.	2.8	5
20	Challenges and opportunities for prevention and removal of unwanted variation in lipidomic studies. <i>Progress in Lipid Research</i> , 2022, 87, 101177.	11.6	11
21	High placental inositol content associated with suppressed pro-adipogenic effects of maternal glycaemia in offspring: the GUSTO cohort. <i>International Journal of Obesity</i> , 2021, 45, 247-257.	3.4	13
22	Characterization of the circulating and tissue-specific alterations to the lipidome in response to moderate and major cold stress in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R95-R104.	1.8	8
23	Novel Lipid Species for Detecting and Predicting Atrial Fibrillation in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2021, 70, 255-261.	0.6	9
24	Deletion of Trim28 in committed adipocytes promotes obesity but preserves glucose tolerance. <i>Nature Communications</i> , 2021, 12, 74.	12.8	16
25	Activation of Hippo signaling pathway mediates mitochondria dysfunction and dilated cardiomyopathy in mice. <i>Theranostics</i> , 2021, 11, 8993-9008.	10.0	36
26	The placental lipidome of maternal antenatal depression predicts socio-emotional problems in the offspring. <i>Translational Psychiatry</i> , 2021, 11, 107.	4.8	11
27	Aberrations in circulating ceramide levels are associated with poor clinical outcomes across localised and metastatic prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 860-870.	3.9	14
28	Stable Isotopic Tracer Phospholipidomics Reveals Contributions of Key Phospholipid Biosynthetic Pathways to Low Hepatocyte Phosphatidylcholine to Phosphatidylethanolamine Ratio Induced by Free Fatty Acids. <i>Metabolites</i> , 2021, 11, 188.	2.9	4
29	The Impact of Simvastatin on Lipidomic Markers of Cardiovascular Risk in Human Liver Cells Is Secondary to the Modulation of Intracellular Cholesterol. <i>Metabolites</i> , 2021, 11, 340.	2.9	3
30	Oral Supplementation of an Alkylglycerol Mix Comprising Different Alkyl Chains Effectively Modulates Multiple Endogenous Plasmalogen Species in Mice. <i>Metabolites</i> , 2021, 11, 299.	2.9	16
31	Identifying the Lipidomic Effects of a Rare Loss-of-Function Deletion in <i>ANGPTL3</i> . <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003232.	3.6	3
32	FXR activation protects against NAFLD via bile-acid-dependent reductions in lipid absorption. <i>Cell Metabolism</i> , 2021, 33, 1671-1684.e4.	16.2	165
33	Effects of lignocaine vs. opioids on antiplatelet activity of ticagrelor: the LOCAL trial. <i>European Heart Journal</i> , 2021, 42, 4025-4036.	2.2	12
34	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100164.	3.3	2
35	Dihydroshingosine driven enrichment of sphingolipids attenuates TGF β 2 induced collagen synthesis in cardiac fibroblasts. <i>IJC Heart and Vasculature</i> , 2021, 35, 100837.	1.1	3
36	Hepatic lipidomic remodeling in severe obesity manifests with steatosis and does not evolve with non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2021, 75, 524-535.	3.7	57

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37	Genome-Wide Association Study Identifies a Functional <i>SIRT2</i> Variant Associated With HDL-C (High-Density Lipoprotein Cholesterol) Levels and Premature Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2494-2508.	2.4	10
38	Clinical lipidomics: realizing the potential of lipid profiling. <i>Journal of Lipid Research</i> , 2021, 62, 100127.	4.2	61
39	Lipidomic Signatures of Changes in Adiposity: A Large Prospective Study of 5849 Adults from the Australian Diabetes, Obesity and Lifestyle Study. <i>Metabolites</i> , 2021, 11, 646.	2.9	11
40	Tissue-specific expression of Cas9 has no impact on whole-body metabolism in four transgenic mouse lines. <i>Molecular Metabolism</i> , 2021, 53, 101292.	6.5	5
41	SOD2 in skeletal muscle: New insights from an inducible deletion model. <i>Redox Biology</i> , 2021, 47, 102135.	9.0	14
42	Shark liver oil supplementation enriches endogenous plasmalogens and reduces markers of dyslipidemia and inflammation. <i>Journal of Lipid Research</i> , 2021, 62, 100092.	4.2	23
43	Overcoming enzalutamide resistance in metastatic prostate cancer by targeting sphingosine kinase. <i>EBioMedicine</i> , 2021, 72, 103625.	6.1	23
44	Macrophage polarization state affects lipid composition and the channeling of exogenous fatty acids into endogenous lipid pools. <i>Journal of Biological Chemistry</i> , 2021, 297, 101341.	3.4	28
45	Relationship between Circulating Lipids and Cytokines in Metastatic Castration-Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 4964.	3.7	13
46	High-intensity training induces non-stoichiometric changes in the mitochondrial proteome of human skeletal muscle without reorganisation of respiratory chain content. <i>Nature Communications</i> , 2021, 12, 7056.	12.8	45
47	Development and validation of a ceramide- and phospholipid-based cardiovascular risk estimation score for coronary artery disease patients. <i>European Heart Journal</i> , 2020, 41, 371-380.	2.2	180
48	Complement C5a Induces Renal Injury in Diabetic Kidney Disease by Disrupting Mitochondrial Metabolic Agility. <i>Diabetes</i> , 2020, 69, 83-98.	0.6	48
49	Irradiation impairs mitochondrial function and skeletal muscle oxidative capacity: significance for metabolic complications in cancer survivors. <i>Metabolism: Clinical and Experimental</i> , 2020, 103, 154025.	3.4	8
50	Plasma Docosahexaenoic Acid and Eicosapentaenoic Acid Concentrations Are Positively Associated with Brown Adipose Tissue Activity in Humans. <i>Metabolites</i> , 2020, 10, 388.	2.9	11
51	High-coverage plasma lipidomics reveals novel sex-specific lipidomic fingerprints of age and BMI: Evidence from two large population cohort studies. <i>PLoS Biology</i> , 2020, 18, e3000870.	5.6	89
52	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
53	Concordant peripheral lipidome signatures in two large clinical studies of Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 5698.	12.8	76
54	Insulin signaling requires glucose to promote lipid anabolism in adipocytes. <i>Journal of Biological Chemistry</i> , 2020, 295, 13250-13266.	3.4	31

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55	Fructose stimulated de novo lipogenesis is promoted by inflammation. <i>Nature Metabolism</i> , 2020, 2, 1034-1045.	11.9	174
56	Krill Oil Has Different Effects on the Plasma Lipidome Compared with Fish Oil Following 30 Days of Supplementation in Healthy Women: A Randomized Controlled and Crossover Study. <i>Nutrients</i> , 2020, 12, 2804.	4.1	6
57	Cholesterol transport between red blood cells and lipoproteins contributes to cholesterol metabolism in blood. <i>Journal of Lipid Research</i> , 2020, 61, 1577-1588.	4.2	15
58	Cholesterol Efflux-Independent Modification of Lipid Rafts by AIBP (Apolipoprotein A-I Binding) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.4	11
59	Short-term inhibition of autophagy benefits pancreatic β -cells by augmenting ether lipids and peroxisomal function, and by countering depletion of n-3 polyunsaturated fatty acids after fat-feeding. <i>Molecular Metabolism</i> , 2020, 40, 101023.	6.5	17
60	Relationships Between Plasma Lipids Species, Gender, Risk Factors, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 303-315.	2.6	23
61	ABCA12 regulates insulin secretion from β -cells. <i>EMBO Reports</i> , 2020, 21, e48692.	4.5	13
62	EpiMetal: an open-source graphical web browser tool for easy statistical analyses in epidemiology and metabolomics. <i>International Journal of Epidemiology</i> , 2020, 49, 1075-1081.	1.9	3
63	Sex and APOE ϵ 4 genotype modify the Alzheimer's disease serum metabolome. <i>Nature Communications</i> , 2020, 11, 1148.	12.8	115
64	Heritability of 596 lipid species and genetic correlation with cardiovascular traits in the Busselton Family Heart Study. <i>Journal of Lipid Research</i> , 2020, 61, 537-545.	4.2	29
65	Shared reference materials harmonize lipidomics across MS-based detection platforms and laboratories. <i>Journal of Lipid Research</i> , 2020, 61, 105-115.	4.2	55
66	LDL subclass lipidomics in atherogenic dyslipidemia: effect of statin therapy on bioactive lipids and dense LDL. <i>Journal of Lipid Research</i> , 2020, 61, 911-932.	4.2	39
67	Mapping the Associations of the Plasma Lipidome With Insulin Resistance and Response to an Oral Glucose Tolerance Test. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1041-e1055.	3.6	11
68	Reducing hepatic PKD activity lowers circulating VLDL cholesterol. <i>Journal of Endocrinology</i> , 2020, 246, 265-276.	2.6	4
69	Isolation of Lipid Rafts from Cultured Mammalian Cells and Their Lipidomics Analysis. <i>Bio-protocol</i> , 2020, 10, e3670.	0.4	4
70	Lysophosphatidylcholine is a Major Component of Platelet Microvesicles Promoting Platelet Activation and Reporting Atherosclerotic Plaque Instability. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1295-1310.	3.4	32
71	α -Tocopherol preserves cardiac function by reducing oxidative stress and inflammation in ischemia/reperfusion injury. <i>Redox Biology</i> , 2019, 26, 101292.	9.0	138
72	Exosomes containing HIV protein Nef reorganize lipid rafts potentiating inflammatory response in bystander cells. <i>PLoS Pathogens</i> , 2019, 15, e1007907.	4.7	86

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73	Rare DEGS1 variant significantly alters de novo ceramide synthesis pathway. <i>Journal of Lipid Research</i> , 2019, 60, 1630-1639.	4.2	16
74	Changes in plasma lipids predict pravastatin efficacy in secondary prevention. <i>JCI Insight</i> , 2019, 4, .	5.0	13
75	Sets of coregulated serum lipids are associated with Alzheimer's disease pathophysiology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 619-627.	2.4	45
76	Treatment of type 2 diabetes with the designer cytokine IC7Fc. <i>Nature</i> , 2019, 574, 63-68.	27.8	55
77	Android Fat Deposition and Its Association With Cardiovascular Risk Factors in Overweight Young Males. <i>Frontiers in Physiology</i> , 2019, 10, 1162.	2.8	29
78	Dysferlin deficiency alters lipid metabolism and remodels the skeletal muscle lipidome in mice. <i>Journal of Lipid Research</i> , 2019, 60, 1350-1364.	4.2	22
79	Differential plasma postprandial lipidomic responses to krill oil and fish oil supplementations in women: A randomized crossover study. <i>Nutrition</i> , 2019, 65, 191-201.	2.4	14
80	HDL Phospholipids, but Not Cholesterol Distinguish Acute Coronary Syndrome From Stable Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e011792.	3.7	35
81	Plasmalogens: A potential therapeutic target for neurodegenerative and cardiometabolic disease. <i>Progress in Lipid Research</i> , 2019, 74, 186-195.	11.6	123
82	An integrative systems genetic analysis of mammalian lipid metabolism. <i>Nature</i> , 2019, 567, 187-193.	27.8	101
83	Lipidomic profiling reveals early-stage metabolic dysfunction in overweight or obese humans. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 335-343.	2.4	30
84	High-Throughput Plasma Lipidomics: Detailed Mapping of the Associations with Cardiometabolic Risk Factors. <i>Cell Chemical Biology</i> , 2019, 26, 71-84.e4.	5.2	219
85	The $\text{PI}3\text{K}$ regulates mouse platelet membrane structure and function independently of membrane lipid composition. <i>FEBS Letters</i> , 2019, 593, 88-96.	2.8	12
86	Inhibition of Adenosine Monophosphate-Activated Protein Kinase-3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Signaling Leads to Hypercholesterolemia and Promotes Hepatic Steatosis and Insulin Resistance. <i>Hepatology Communications</i> , 2019, 3, 84-98.	4.3	56
87	Disruption of beta cell acetyl-CoA carboxylase-1 in mice impairs insulin secretion and beta cell mass. <i>Diabetologia</i> , 2019, 62, 99-111.	6.3	24
88	Oleate disrupts cAMP signaling, contributing to potent stimulation of pancreatic β -cell autophagy. <i>Journal of Biological Chemistry</i> , 2019, 294, 1218-1229.	3.4	16
89	Protein Kinase C Epsilon Deletion in Adipose Tissue, but Not in Liver, Improves Glucose Tolerance. <i>Cell Metabolism</i> , 2019, 29, 183-191.e7.	16.2	42
90	Exceptional human longevity is associated with a specific plasma phenotype of ether lipids. <i>Redox Biology</i> , 2019, 21, 101127.	9.0	51

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91	APP deficiency results in resistance to obesity but impairs glucose tolerance upon high fat feeding. <i>Journal of Endocrinology</i> , 2018, 237, 311-322.	2.6	13
92	Evidence that TLR4 Is Not a Receptor for Saturated Fatty Acids but Mediates Lipid-Induced Inflammation by Reprogramming Macrophage Metabolism. <i>Cell Metabolism</i> , 2018, 27, 1096-1110.e5.	16.2	309
93	Weight Loss and Exercise Alter the High-Density Lipoprotein Lipidome and Improve High-Density Lipoprotein Functionality in Metabolic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 438-447.	2.4	49
94	Distinct lipidomic profiles in models of physiological and pathological cardiac remodeling, and potential therapeutic strategies. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 219-234.	2.4	21
95	Plasma lipid species at type 1 diabetes onset predict residual beta-cell function after 6 months. <i>Metabolomics</i> , 2018, 14, 158.	3.0	11
96	Large-scale plasma lipidomic profiling identifies lipids that predict cardiovascular events in secondary prevention. <i>JCI Insight</i> , 2018, 3, .	5.0	100
97	Lipidomic Profiles of the Heart and Circulation in Response to Exercise versus Cardiac Pathology: A Resource of Potential Biomarkers and Drug Targets. <i>Cell Reports</i> , 2018, 24, 2757-2772.	6.4	55
98	Lipidomics Reveals a Tissue-Specific Fingerprint. <i>Frontiers in Physiology</i> , 2018, 9, 1165.	2.8	85
99	Changes in plasma lipidome following initiation of antiretroviral therapy. <i>PLoS ONE</i> , 2018, 13, e0202944.	2.5	20
100	Gestational Age and the Cord Blood Lipidomic Profile in Late Preterm and Term Infants. <i>Neonatology</i> , 2018, 114, 215-222.	2.0	5
101	Mitochondrial dysfunction-related lipid changes occur in nonalcoholic fatty liver disease progression. <i>Journal of Lipid Research</i> , 2018, 59, 1977-1986.	4.2	144
102	Brown adipose tissue and lipid metabolism: New strategies for identification of activators and biomarkers with clinical potential. , 2018, 192, 141-149.		14
103	Lipidomic Profiling of Murine Macrophages Treated with Fatty Acids of Varying Chain Length and Saturation Status. <i>Metabolites</i> , 2018, 8, 29.	2.9	18
104	MS-based lipidomics of human blood plasma: a community-initiated position paper to develop accepted guidelines. <i>Journal of Lipid Research</i> , 2018, 59, 2001-2017.	4.2	231
105	Disentangling the genetic overlap between cholesterol and suicide risk. <i>Neuropsychopharmacology</i> , 2018, 43, 2556-2563.	5.4	18
106	Transitional changes in the CRP structure lead to the exposure of proinflammatory binding sites. <i>Nature Communications</i> , 2017, 8, 14188.	12.8	158
107	Differential regulation of sphingolipid metabolism in plasma, hippocampus, and cerebral cortex of mice administered sphingolipid modulating agents. <i>Journal of Neurochemistry</i> , 2017, 141, 413-422.	3.9	5
108	Serum phosphatidylinositol as a biomarker for bipolar disorder liability. <i>Bipolar Disorders</i> , 2017, 19, 107-115.	1.9	20

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109	The association of the lipidomic profile with features of polycystic ovary syndrome. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 93-104.	2.5	30
110	Breaking Up Prolonged Sitting Alters the Postprandial Plasma Lipidomic Profile of Adults With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1991-1999.	3.6	41
111	Platelet lipidomics: a window of opportunity to assess cardiovascular risk?. <i>European Heart Journal</i> , 2017, 38, 2006-2008.	2.2	8
112	Lipidomic Profiles in Diabetes and Dementia. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 433-444.	2.6	49
113	The lipidome in major depressive disorder: Shared genetic influence for ether-phosphatidylcholines, a plasma-based phenotype related to inflammation, and disease risk. <i>European Psychiatry</i> , 2017, 43, 44-50.	0.2	41
114	Markers of sympathetic nervous system activity associate with complex plasma lipids in metabolic syndrome subjects. <i>Atherosclerosis</i> , 2017, 256, 21-28.	0.8	8
115	Muscle Sympathetic Nerve Activity Is Associated With Elements of the Plasma Lipidomic Profile in Young Asian Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2059-2068.	3.6	8
116	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950 Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	4.2	312
117	Establishing multiple omics baselines for three Southeast Asian populations in the Singapore Integrative Omics Study. <i>Nature Communications</i> , 2017, 8, 653.	12.8	39
118	Lipid droplet remodelling and reduced muscle ceramides following sprint interval and moderate-intensity continuous exercise training in obese males. <i>International Journal of Obesity</i> , 2017, 41, 1745-1754.	3.4	54
119	Baseline serum phosphatidylcholine plasmalogen concentrations are inversely associated with incident myocardial infarction in patients with mixed peripheral artery disease presentations. <i>Atherosclerosis</i> , 2017, 263, 301-308.	0.8	32
120	Immunometabolic and Lipidomic Markers Associated With the Frailty Index and Quality of Life in Aging HIV+ Men on Antiretroviral Therapy. <i>EBioMedicine</i> , 2017, 22, 112-121.	6.1	35
121	Lipidomic profiling of plasma in a healthy Singaporean population to identify ethnic specific differences in lipid levels and associations with disease risk factors. <i>Clinical Mass Spectrometry</i> , 2017, 6, 25-31.	1.9	11
122	Genetic correlation of the plasma lipidome with type 2 diabetes, prediabetes and insulin resistance in Mexican American families. <i>BMC Genetics</i> , 2017, 18, 48.	2.7	10
123	Sphingolipids and phospholipids in insulin resistance and related metabolic disorders. <i>Nature Reviews Endocrinology</i> , 2017, 13, 79-91.	9.6	313
124	Changes in Lipids and Inflammatory Markers after Consuming Diets High in Red Meat or Dairy for Four Weeks. <i>Nutrients</i> , 2017, 9, 886.	4.1	17
125	Better Indigenous Risk stratification for Cardiac Health study (BIRCH) protocol: rationale and design of a cross-sectional and prospective cohort study to identify novel cardiovascular risk indicators in Aboriginal Australian and Torres Strait Islander adults. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 228.	1.7	4
126	A distinct plasma lipid signature associated with poor prognosis in castration-resistant prostate cancer. <i>International Journal of Cancer</i> , 2017, 141, 2112-2120.	5.1	54

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127	Association between dairy intake, lipids and vascular structure and function in diabetes. World Journal of Diabetes, 2017, 8, 202.	3.5	7
128	Clinical and dietary predictors of common carotid artery intima media thickness in a population with type 1 and type 2 diabetes: A cross-sectional study. World Journal of Diabetes, 2017, 8, 18.	3.5	1
129	Strategies for Extending Metabolomics Studies with Stable Isotope Labelling and Fluxomics. Metabolites, 2016, 6, 32.	2.9	25
130	The Effects of Long-Term Saturated Fat Enriched Diets on the Brain Lipidome. PLoS ONE, 2016, 11, e0166964.	2.5	30
131	Effects of the BET-inhibitor, RVX-208 on the HDL lipidome and glucose metabolism in individuals with prediabetes: A randomized controlled trial. Metabolism: Clinical and Experimental, 2016, 65, 904-914.	3.4	37
132	Low-Density Lipoprotein Receptor-Dependent and Low-Density Lipoprotein Receptor-Independent Mechanisms of Cyclosporin A-Induced Dyslipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1338-1349.	2.4	25
133	Pathways of Acetyl-CoA Metabolism Involved in the Reversal of Palmitate-Induced Glucose Production by Metformin and Salicylate. Experimental and Clinical Endocrinology and Diabetes, 2016, 124, 602-612.	1.2	1
134	Drug induced exocytosis of glycogen in Pompe disease. Biochemical and Biophysical Research Communications, 2016, 479, 721-727.	2.1	6
135	Plasma lipidomic profiling in patients with rheumatoid arthritis. Metabolomics, 2016, 12, 1.	3.0	9
136	Cytomegalovirus Restructures Lipid Rafts via a US28/CDC42-Mediated Pathway, Enhancing Cholesterol Efflux from Host Cells. Cell Reports, 2016, 16, 186-200.	6.4	39
137	Statin action enriches HDL3 in polyunsaturated phospholipids and plasmalogens and reduces LDL-derived phospholipid hydroperoxides in atherogenic mixed dyslipidemia. Journal of Lipid Research, 2016, 57, 2073-2087.	4.2	31
138	Skeletal muscle and plasma lipidomic signatures of insulin resistance and overweight/obesity in humans. Obesity, 2016, 24, 908-916.	3.0	138
139	Plasma Lipidomic Profiles Improve on Traditional Risk Factors for the Prediction of Cardiovascular Events in Type 2 Diabetes Mellitus. Circulation, 2016, 134, 1637-1650.	1.6	205
140	Adipocyte Ceramides Regulate Subcutaneous Adipose Browning, Inflammation, and Metabolism. Cell Metabolism, 2016, 24, 820-834.	16.2	186
141	A comprehensive lipidomic screen of pancreatic β -cells using mass spectroscopy defines novel features of glucose-stimulated turnover of neutral lipids, sphingolipids and plasmalogens. Molecular Metabolism, 2016, 5, 404-414.	6.5	23
142	Lipidomic analyses in epidemiology. International Journal of Epidemiology, 2016, 45, 1329-1338.	1.9	23
143	Lipidomic dataset of plasma from patients infected with wild type and nef-deficient HIV-1 strain. Data in Brief, 2016, 6, 168-175.	1.0	1
144	Lipidomic risk score independently and cost-effectively predicts risk of future type 2 diabetes: results from diverse cohorts. Lipids in Health and Disease, 2016, 15, 67.	3.0	44

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145	Lipidomic and metabolomic characterization of a genetically modified mouse model of the early stages of human type 1 diabetes pathogenesis. <i>Metabolomics</i> , 2016, 12, 13.	3.0	45
146	Zebrafish Embryonic Lipidomic Analysis Reveals that the Yolk Cell Is Metabolically Active in Processing Lipid. <i>Cell Reports</i> , 2016, 14, 1317-1329.	6.4	178
147	Lipid metabolism in patients infected with Nef-deficient HIV-1 strain. <i>Atherosclerosis</i> , 2016, 244, 22-28.	0.8	16
148	High density lipoprotein efficiently accepts surface but not internal oxidised lipids from oxidised low density lipoprotein. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 69-77.	2.4	16
149	GM3 ganglioside and phosphatidylethanolamine-containing lipids are adipose tissue markers of insulin resistance in obese women. <i>International Journal of Obesity</i> , 2016, 40, 706-713.	3.4	28
150	Liquid Extraction: Single-Phase Butanol/Methanol Extraction. , 2016, , 1-4.		4
151	Lipidomic Profiling in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1511-1518.	1.9	49
152	An Efficient Single Phase Method for the Extraction of Plasma Lipids. <i>Metabolites</i> , 2015, 5, 389-403.	2.9	136
153	Metabolites Best Paper Awards for 2015. <i>Metabolites</i> , 2015, 5, 386-388.	2.9	0
154	Circulating Lipids Are Associated with Alcoholic Liver Cirrhosis and Represent Potential Biomarkers for Risk Assessment. <i>PLoS ONE</i> , 2015, 10, e0130346.	2.5	33
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