

Kevin Huynh

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,383
citations

430874

18
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

2176
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Large-scale plasma lipidomic profiling identifies lipids that predict cardiovascular events in secondary prevention. <i>JCI Insight</i> , 2018, 3, .	5.0	100
4	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
5	Concordant peripheral lipidome signatures in two large clinical studies of Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 5698.	12.8	76
6	Clinical lipidomics: realizing the potential of lipid profiling. <i>Journal of Lipid Research</i> , 2021, 62, 100127.	4.2	61
7	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
8	Plasmalogen modulation attenuates atherosclerosis in ApoE- and ApoE/GPx1-deficient mice. <i>Atherosclerosis</i> , 2015, 243, 598-608.	0.8	51
9	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
10	Complement C5a Induces Renal Injury in Diabetic Kidney Disease by Disrupting Mitochondrial Metabolic Agility. <i>Diabetes</i> , 2020, 69, 83-98.	0.6	48
11	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
12	Effects of the BET-inhibitor, RVX-208 on the HDL lipidome and glucose metabolism in individuals with prediabetes: A randomized controlled trial. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 904-914.	3.4	37
13	Insulin signaling requires glucose to promote lipid anabolism in adipocytes. <i>Journal of Biological Chemistry</i> , 2020, 295, 13250-13266.	3.4	31
14	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
15	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
16	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
17	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
18	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

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19	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
20	Disentangling the genetic overlap between cholesterol and suicide risk. <i>Neuropsychopharmacology</i> , 2018, 43, 2556-2563.	5.4	18
21	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
22	<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
23	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
24	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
25	Changes in plasma lipids predict pravastatin efficacy in secondary prevention. <i>JCI Insight</i> , 2019, 4, .	5.0	13
26	Relationship between Circulating Lipids and Cytokines in Metastatic Castration-Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 4964.	3.7	13
27	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
28	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
29	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
30	Ontogeny of circulating lipid metabolism in pregnancy and early childhood – a longitudinal population study. <i>ELife</i> , 2022, 11, .	6.0	9
31	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
32	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
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Identification of concordant plasma lipid signatures in Alzheimer's disease: Validation between two independent studies of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042275.	0.8	0