Celine Fernandez

List of Publications by Year
in descending order

39 papers	4,625 citations	257101 24 h-index	315357 38 g-index
41 all docs	41 docs citations	41 times ranked	9177 citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite profiles and the risk of developing diabetes. Nature Medicine, 2011, 17, 448-453.	15.2	2,586
2	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. Nature Metabolism, 2020, 2, 1135-1148.	5.1	327
3	Green tea powder and Lactobacillus plantarum affect gut microbiota, lipid metabolism and inflammation in high-fat fed C57BL/6J mice. Nutrition and Metabolism, 2012, 9, 105.	1.3	192
4	Connection Between BMI-Related Plasma Metabolite Profile and Gut Microbiota. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1491-1501.	1.8	163
5	Plasma levels of the proprotein convertase furin and incidence of diabetes and mortality. Journal of Internal Medicine, 2018, 284, 377-387.	2.7	144
6	Plasma Lipid Composition and Risk of Developing Cardiovascular Disease. PLoS ONE, 2013, 8, e71846.	1.1	115
7	Dimethylguanidino valeric acid is a marker of liver fat and predicts diabetes. Journal of Clinical Investigation, 2017, 127, 4394-4402.	3.9	115
8	Ergothioneine is associated with reduced mortality and decreased risk of cardiovascular disease. Heart, 2020, 106, 691-697.	1.2	81
9	Hormone-sensitive lipase (HSL) is also a retinyl ester hydrolase: evidence from mice lacking HSL. FASEB Journal, 2009, 23, 2307-2316.	0.2	75
10	Altered Asparagine and Glutamate Homeostasis Precede Coronary Artery Disease and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3060-3069.	1.8	71
11	The gut microbiota-related metabolite phenylacetylglutamine associates with increased risk of incident coronary artery disease. Journal of Hypertension, 2020, 38, 2427-2434.	0.3	52
12	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. PLoS Biology, 2019, 17, e3000443.	2.6	51
13	Attainment of Brown Adipocyte Features in White Adipocytes of Hormone-Sensitive Lipase Null Mice. PLoS ONE, 2008, 3, e1793.	1.1	51
14	Metabolomic and Proteomic Analysis of a Clonal Insulin-Producing β-Cell Line (INS-1 832/13). Journal of Proteome Research, 2008, 7, 400-411.	1.8	46
15	N1-methylnicotinamide is a signalling molecule produced in skeletal muscle coordinating energy metabolism. Scientific Reports, 2018, 8, 3016.	1.6	42
16	Size, structure and scaling relationships in glycogen from various sources investigated with asymmetrical flow field-flow fractionation and 1H NMR. International Journal of Biological Macromolecules, 2011, 49, 458-465.	3.6	37
17	Impact of Temperature Dependent Sampling Procedures in Proteomics and Peptidomics – A Characterization of the Liver and Pancreas Post Mortem Degradome. Molecular and Cellular Proteomics, 2011, 10, M900229-MCP200.	2.5	35
18	Purine Metabolites and Carnitine Biosynthesis Intermediates Are Biomarkers for Incident Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4921-4930.	1.8	35

#	ARTICLE	IF	CITATIONS
19	Plasma Lipidome and Prediction of Type 2 Diabetes in the Population-Based Malmö Diet and Cancer Cohort. Diabetes Care, 2020, 43, 366-373.	4.3	35
20	Dimethylguanidino Valerate: A Lifestyle‐Related Metabolite Associated With Future Coronary Artery Disease and Cardiovascular Mortality. Journal of the American Heart Association, 2019, 8, e012846.	1.6	34
21	Hormone-sensitive lipase is necessary for normal mobilization of lipids during submaximal exercise. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E179-E186.	1.8	33
22	Competitive Adsorption of Water Soluble Plasma Proteins from Egg Yolk at the Oil/Water Interface. Journal of Agricultural and Food Chemistry, 2006, 54, 6881-6887.	2.4	31
23	A plasma lipid signature predicts incident coronary artery disease. International Journal of Cardiology, 2021, 331, 249-254.	0.8	30
24	Postprandial Levels of Branch Chained and Aromatic Amino Acids Associate with Fasting Glycaemia. Journal of Amino Acids, 2016, 2016, 1-9.	5.8	27
25	Altered Acylcarnitine Metabolism Is Associated With an Increased Risk of Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e016737.	1.6	26
26	Competitive Adsorption of Proteins from Total Hen Egg Yolk during Emulsification. Journal of Agricultural and Food Chemistry, 2007, 55, 6746-6753.	2.4	23
27	Disturbed cholesterol homeostasis in hormone-sensitive lipase-null mice. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E820-E831.	1.8	21
28	Plasma Metabolites Associate with All-Cause Mortality in Individuals with Type 2 Diabetes. Metabolites, 2020, 10, 315.	1.3	21
29	Metabolome-Defined Obesity and the Risk of Future Type 2 Diabetes and Mortality. Diabetes Care, 2022, 45, 1260-1267.	4.3	19
30	Altered Desaturation and Elongation of Fatty Acids in Hormone-Sensitive Lipase Null Mice. PLoS ONE, 2011, 6, e21603.	1.1	18
31	A Probabilistic Treatment of the Missing Spot Problem in 2D Gel Electrophoresis Experiments. Journal of Proteome Research, 2007, 6, 3335-3343.	1.8	17
32	A healthy dietary metabolic signature is associated with a lower risk for type 2 diabetes and coronary artery disease. BMC Medicine, 2022, 20, 122.	2.3	15
33	Identification of Shared and Unique Serum Lipid Profiles in Diabetes Mellitus and Myocardial Infarction. Journal of the American Heart Association, 2016, 5, .	1.6	12
34	The inverse association between a fish consumption biomarker and gingival inflammation and periodontitis: A population‐based study. Journal of Clinical Periodontology, 2022, 49, 353-361.	2.3	11
35	Comparison of MS/MS Methods for Protein Identification from 2D-PAGE. Journal of Proteome Research, 2006, 5, 2294-2300.	1.8	9
36	Magnitude of rise in proneurotensin is related to amount of triglyceride appearance in blood after standardized oral intake of both saturated and unsaturated fat. Lipids in Health and Disease, 2020, 19, 191.	1.2	9

#	Article	IF	Citations
37	Circulating protein biomarkers predict incident hypertensive heart failure independently of N–terminal pro–B–type natriuretic peptide levels. ESC Heart Failure, 2020, 7, 1891-1899.	1.4	7
38	Omics Analyses Reveal a Potential Link between Hormone-Sensitive Lipase and Polyamine Metabolism. Journal of Proteome Research, 2009, 8, 5008-5019.	1.8	5
39	Chapter 30. Adsorption of Macromolecules at Oil–Water Interfaces during Emulsification. , 0, , 433-448.		1