Rozenn N Lemaitre

List of Publications by Year
in descending order

111 papers	7,885 citations	61945 43 h-index	56687 83 g-index
111 all docs	111 docs citations	111 times ranked	12620 citing authors

#	Article	IF	Citations
1	Rare coding variants in 35 genes associate with circulating lipid levelsâ€"A multi-ancestry analysis of 170,000 exomes. American Journal of Human Genetics, 2022, 109, 81-96.	2.6	24
2	Trans Fatty Acid Biomarkers and Incident Type 2 Diabetes: Pooled Analysis of 12 Prospective Cohort Studies in the Fatty Acids and Outcomes Research Consortium (FORCE). Diabetes Care, 2022, 45, 854-863.	4.3	8
3	Very long-chain saturated fatty acids and diabetes and cardiovascular disease. Current Opinion in Lipidology, 2022, 33, 76-82.	1.2	26
4	PUFA Ï‰-3 and Ï‰-6 biomarkers and sleep: a pooled analysis of cohort studies on behalf of the Fatty Acids and Outcomes Research Consortium (FORCE). American Journal of Clinical Nutrition, 2022, 115, 864-876.	2.2	1
5	The impact of fatty acids biosynthesis on the risk of cardiovascular diseases in Europeans and East Asians: a Mendelian randomization study. Human Molecular Genetics, 2022, 31, 4034-4054.	1.4	5
6	Serum Individual Nonesterified Fatty Acids and Risk of Heart Failure in Older Adults. Cardiology, 2021, 146, 351-358.	0.6	7
7	n-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-Level Pooling Project of 20 Prospective Cohort Studies. Diabetes Care, 2021, 44, 1133-1142.	4.3	50
8	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. Nature Communications, 2021, 12, 2182.	5.8	17
9	Plasma epoxyeicosatrienoic acids and dihydroxyeicosatrieonic acids, insulin, glucose and risk of diabetes: The strong heart study. EBioMedicine, 2021, 66, 103279.	2.7	4
10	Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. Nature Communications, 2021, 12, 2329.	5.8	132
11	Admission respiratory status predicts mortality in COVIDâ€19. Influenza and Other Respiratory Viruses, 2021, 15, 569-572.	1.5	42
12	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	9.4	341
13	Impact of Amerind ancestry and FADS genetic variation on omega-3 deficiency and cardiometabolic traits in Hispanic populations. Communications Biology, 2021, 4, 918.	2.0	11
14	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein) Tj ETQq0 0 0 rgBT /Overlock 1 e003288.	1.6	8
15	Association of TrimethylamineN-Oxide and Related Metabolites in Plasma and Incident Type 2 Diabetes. JAMA Network Open, 2021, 4, e2122844.	2.8	29
16	Longitudinal Plasma Measures of Trimethylamine Nâ€Oxide and Risk of Atherosclerotic Cardiovascular Disease Events in Communityâ€Based Older Adults. Journal of the American Heart Association, 2021, 10, e020646.	1.6	39
17	Circulating Ceramides and Sphingomyelins and Risk of Mortality: The Cardiovascular Health Study. Clinical Chemistry, 2021, 67, 1650-1659.	1.5	21
18	Plasma ceramides containing saturated fatty acids are associated with risk of type 2 diabetes. Journal of Lipid Research, 2021, 62, 100119.	2.0	19

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19	Plasma Ceramide Species Are Associated with Diabetes Risk in Participants of the Strong Heart Study. Journal of Nutrition, 2020, 150, 1214-1222.	1.3	38
20	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. European Journal of Epidemiology, 2020, 35, 685-697.	2.5	9
21	Fatty acids in the de novo lipogenesis pathway and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. PLoS Medicine, 2020, 17, e1003102.	3.9	38
22	Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. Circulation Genomic and Precision Medicine, 2020, 13, e002772.	1.6	11
23	CYP2J2 Modulates Diverse Transcriptional Programs in Adult Human Cardiomyocytes. Scientific Reports, 2020, 10, 5329.	1.6	17
24	Higher Epoxyeicosatrienoic Acids in Cardiomyocytes-Specific CYP2J2 Transgenic Mice Are Associated with Improved Myocardial Remodeling. Biomedicines, 2020, 8, 144.	1.4	6
25	Plasma Ceramides and Sphingomyelins in Relation to Atrial Fibrillation Risk: The Cardiovascular Health Study. Journal of the American Heart Association, 2020, 9, e012853.	1.6	31
26	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. Molecular Psychiatry, 2019, 24, 1920-1932.	4.1	44
27	Plasma Ceramides and Sphingomyelins in Relation to Heart Failure Risk. Circulation: Heart Failure, 2019, 12, e005708.	1.6	90
28	Potential Interplay between Dietary Saturated Fats and Genetic Variants of the NLRP3 Inflammasome to Modulate Insulin Resistance and Diabetes Risk: Insights from a Metaâ€Analysis of 19Â005 Individuals. Molecular Nutrition and Food Research, 2019, 63, e1900226.	1.5	12
29	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. BMJ: British Medical Journal, 2019, 366, l4292.	2.4	28
30	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	6.2	75
31	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. JAMA Network Open, 2019, 2, e1910915.	2.8	41
32	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
33	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	5.8	64
34	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. American Journal of Clinical Nutrition, 2019, 110, 437-450.	2.2	46
35	Genome-wide association study of breakfast skipping links clock regulation with food timing. American Journal of Clinical Nutrition, 2019, 110, 473-484.	2.2	34
36	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. Nature Communications, 2019, 10, 2581.	5.8	62

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37	Full-Fat Dairy Food Intake is Associated with a Lower Risk of Incident Diabetes Among American Indians with Low Total Dairy Food Intake. Journal of Nutrition, 2019, 149, 1238-1244.	1.3	8
38	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. Circulation, 2019, 139, 2422-2436.	1.6	199
39	Common Genetic Variation in Relation to Brachial Vascular Dimensions and Flow-Mediated Vasodilation. Circulation Genomic and Precision Medicine, 2019, 12, e002409.	1.6	2
40	Circulating sphingolipids, fasting glucose, and impaired fasting glucose: The Strong Heart Family Study. EBioMedicine, 2019, 41, 44-49.	2.7	48
41	CYP2J2 Expression in Adult Ventricular Myocytes Protects Against Reactive Oxygen Species Toxicity. Drug Metabolism and Disposition, 2018, 46, 380-386.	1.7	18
42	Circulating Sphingolipids, Insulin, HOMA-IR, and HOMA-B: The Strong Heart Family Study. Diabetes, 2018, 67, 1663-1672.	0.3	120
43	Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. Diabetologia, 2018, 61, 317-330.	2.9	32
44	Genomeâ€Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. Molecular Nutrition and Food Research, 2018, 62, 1700347.	1.5	9
45	Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. Clinical Chemistry, 2018, 64, 183-191.	1.5	34
46	A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. European Heart Journal, 2018, 39, 3961-3969.	1.0	59
47	Serial measures of circulating biomarkers of dairy fat and total and cause-specific mortality in older adults: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2018, 108, 476-484.	2.2	38
48	Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. PLoS Medicine, 2018, 15, e1002670.	3.9	143
49	Serial circulating omega 3 polyunsaturated fatty acids and healthy ageing among older adults in the Cardiovascular Health Study: prospective cohort study. BMJ: British Medical Journal, 2018, 363, k4067.	2.4	47
50	A sensitive and improved throughput UPLCâ€“MS/MS quantitation method of total cytochrome P450 mediated arachidonic acid metabolites that can separate regio-isomers and cis/trans-EETs from human plasma. Chemistry and Physics of Lipids, 2018, 216, 162-170.	1.5	8
51	Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: Results from the CHARGE Consortium. PLoS ONE, 2018, 13, e0196951.	1.1	14
52	Regulation of CYP2J2 and EET Levels in Cardiac Disease and Diabetes. International Journal of Molecular Sciences, 2018, 19, 1916.	1.8	44
53	Medical facilities in the neighborhood and incidence of sudden cardiac arrest. Resuscitation, 2018, 130, 118-123.	1.3	12
54	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons. JAMA Psychiatry, 2018, 75, 949.	6.0	78

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55	Neighborhood food environment, dietary fatty acid biomarkers, and cardiac arrest risk. Health and Place, 2018, 53, 128-134.	1.5	6
56	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	9.4	552
57	Meta-analysis of genome-wide association studies identifies three novel loci for saturated fatty acids in East Asians. European Journal of Nutrition, 2017, 56, 1477-1484.	1.8	10
58	Discovery and fine-mapping of loci associated with MUFAs through trans-ethnic meta-analysis in Chinese and European populations. Journal of Lipid Research, 2017, 58, 974-981.	2.0	18
59	Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39â€˜740 adults from 20 prospective cohort studies. Lancet Diabetes and Endocrinology,the, 2017, 5, 965-974.	5.5	213
60	Long chain n-3 polyunsaturated fatty acids are not associated with circulating T-helper type 1 cells: Results from the Multi-Ethnic Study of Atherosclerosis (MESA). Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 125, 37-42.	1.0	2
61	Omega-3 Fatty Acids and Incident Ischemic Stroke and Its Atherothrombotic and Cardioembolic Subtypes in 3 US Cohorts. Stroke, 2017, 48, 2678-2685.	1.0	56
62	Enzymatic and free radical formation of cis- and trans- epoxyeicosatrienoic acids in vitro and in vivo. Free Radical Biology and Medicine, 2017, 112, 131-140.	1.3	26
63	Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. PLoS ONE, 2017, 12, e0186456.	1.1	18
64	Acculturation and Plasma Fatty Acid Concentrations in Hispanic and Chinese-American Adults: The Multi-Ethnic Study of Atherosclerosis. PLoS ONE, 2016, 11, e0149267.	1.1	7
65	Circulatingn-3 fatty acids andtrans-fatty acids,PLA2G2Agene variation and sudden cardiac arrest. Journal of Nutritional Science, 2016, 5, e12.	0.7	3
66	KLB is associated with alcohol drinking, and its gene product Î²-Klotho is necessary for FGF21 regulation of alcohol preference. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14372-14377.	3.3	208
67	Ï‰-3 Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease. JAMA Internal Medicine, 2016, 176, 1155.	2.6	326
68	Interaction of methylation-related genetic variants with circulating fatty acids on plasma lipids: a meta-analysis of 7 studies and methylation analysis of 3 studies in the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. American Journal of Clinical Nutrition, 2016, 103, 567-578.	2.2	24
69	A genome-wide association study of n-3 and n-6 plasma fatty acids in a Singaporean Chinese population. Genes and Nutrition, 2015, 10, 53.	1.2	53
70	Gene Ã— dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. Human Molecular Genetics, 2015, 24, 4728-4738.	1.4	84
71	Genetic loci associated with circulating phospholipid trans fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. American Journal of Clinical Nutrition, 2015, 101, 398-406.	2.2	49
72	Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Metaâ€analysis of nine studies in the CHARGE consortium. Molecular Nutrition and Food Research, 2015, 59, 1373-1383.	1.5	37

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73	Genetic loci associated with circulating levels of very long-chain saturated fatty acids. Journal of Lipid Research, 2015, 56, 176-184.	2.0	38
74	Response to Letters Regarding Article, â€œCirculating Omega-6 Polyunsaturated Fatty Acids and Total and Cause-Specific Mortality: The Cardiovascular Health Studyâ€• Circulation, 2015, 132, e25-6.	1.6	4
75	Contribution of Major Lifestyle Risk Factors for Incident Heart Failure in Older Adults. JACC: Heart Failure, 2015, 3, 520-528.	1.9	134
76	Plasma phospholipid very-long-chain saturated fatty acids and incident diabetes in older adults: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2015, 101, 1047-1054.	2.2	97
77	Circulating and Dietary Trans Fatty Acids and Incident Type 2 Diabetes in Older Adults: The Cardiovascular Health Study. Diabetes Care, 2015, 38, 1099-1107.	4.3	38
78	Prospective association of fatty acids in the de novo lipogenesis pathway with risk of type 2 diabetes: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2015, 101, 153-163.	2.2	139
79	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656.	4.1	235
80	Plasma Phospholipid Saturated Fatty Acids and Incident Atrial Fibrillation: The Cardiovascular Health Study. Journal of the American Heart Association, 2014, 3, e000889.	1.6	71
81	Genome-Wide Association Study of Plasma N6 Polyunsaturated Fatty Acids Within the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Circulation: Cardiovascular Genetics, 2014, 7, 321-331.	5.1	164
82	Plasma Phospholipid Trans â€Fatty Acids Levels, Cardiovascular Diseases, and Total Mortality: The Cardiovascular Health Study. Journal of the American Heart Association, 2014, 3, .	1.6	43
83	Erythrocyte very long-chain saturated fatty Acids associated with lower risk of incident sudden cardiac arrest. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 91, 149-153.	1.0	29
84	Circulating Omega-6 Polyunsaturated Fatty Acids and Total and Cause-Specific Mortality. Circulation, 2014, 130, 1245-1253.	1.6	158
85	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. Heart Rhythm, 2014, 11, 471-477.	0.3	16
86	Interactions Between the Dietary Polyunsaturated Fatty Acid Ratio and Genetic Factors Determine Susceptibility to Pediatric Crohn's Disease. Gastroenterology, 2014, 146, 929-931.e3.	0.6	79
87	Plasma Phospholipid Long-Chain Ï‰-3 Fatty Acids and Total and Cause-Specific Mortality in Older Adults. Annals of Internal Medicine, 2013, 158, 515.	2.0	239
88	Plasma Fatty Acid Binding Protein 4 and Risk of Sudden Cardiac Death in Older Adults. Cardiology Research and Practice, 2013, 2013, 1-7.	0.5	2
89	Circulating and dietary Î±-linolenic acid and incidence of congestive heart failure in older adults: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2012, 96, 269-274.	2.2	22
90	Common Variation in Fatty Acid Genes and Resuscitation From Sudden Cardiac Arrest. Circulation: Cardiovascular Genetics, 2012, 5, 422-429.	5.1	14

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91	Genetic Loci Associated with Plasma Phospholipid n-3 Fatty Acids: A Meta-Analysis of Genome-Wide Association Studies from the CHARGE Consortium. PLoS Genetics, 2011, 7, e1002193.	1.5	324
92	Endogenous red blood cell membrane fatty acids and sudden cardiac arrest. Metabolism: Clinical and Experimental, 2010, 59, 1029-1034.	1.5	44
93	Red blood cell membrane Î±-linolenic acid and the risk of sudden cardiac arrest. Metabolism: Clinical and Experimental, 2009, 58, 534-540.	1.5	31
94	Variation in eicosanoid genes, non-fatal myocardial infarction and ischemic stroke. Atherosclerosis, 2009, 204, e58-e63.	0.4	65
95	Familial aggregation of red blood cell membrane fatty acid composition: the Kibbutzim Family Study. Metabolism: Clinical and Experimental, 2008, 57, 662-668.	1.5	36
96	Â1- and Â2-Adrenergic Receptor Gene Variation, Â-Blocker Use and Risk of Myocardial Infarction and Stroke. American Journal of Hypertension, 2008, 21, 290-296.	1.0	35
97	Common variation in cytochrome P450 epoxygenase genes and the risk of incident nonfatal myocardial infarction and ischemic stroke. Pharmacogenetics and Genomics, 2008, 18, 535-543.	0.7	51
98	Trans-fatty acids and sudden cardiac death. Atherosclerosis Supplements, 2006, 7, 13-15.	1.2	29
99	Esterified Estrogen and Conjugated Equine Estrogen and the Risk of Incident Myocardial Infarction and Stroke. Archives of Internal Medicine, 2006, 166, 399.	4.3	24
100	Plasma Phospholipid Trans Fatty Acids, Fatal Ischemic Heart Disease, and Sudden Cardiac Death in Older Adults. Circulation, 2006, 114, 209-215.	1.6	163
101	Fish Consumption and Stroke Risk in Elderly Individuals. Archives of Internal Medicine, 2005, 165, 200.	4.3	159
102	nâˆ'3 Polyunsaturated fatty acids, fatal ischemic heart disease, and nonfatal myocardial infarction in older adults: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2003, 77, 319-325.	2.2	350
103	Cell Membrane Trans -Fatty Acids and the Risk of Primary Cardiac Arrest. Circulation, 2002, 105, 697-701.	1.6	199
104	Therapy With Hydroxymethylglutaryl Coenzyme A Reductase Inhibitors (Statins) and Associated Risk of Incident Cardiovascular Events in Older Adults. Archives of Internal Medicine, 2002, 162, 1395.	4.3	79
105	Hormone Replacement Therapy and Associated Risk of Stroke in Postmenopausal Women. Archives of Internal Medicine, 2002, 162, 1954.	4.3	51
106	Inhaled beta-2 adrenergic receptor agonists and primary cardiac arrest. American Journal of Medicine, 2002, 113, 711-716.	0.6	37
107	Diuretic Therapy, the Î±-Adducin Gene Variant, and the Risk of Myocardial Infarction or Stroke in Persons With Treated Hypertension. JAMA - Journal of the American Medical Association, 2002, 287, 1680.	3.8	189
108	Sudden death and myocardial infarction in first degree relatives as predictors of primary cardiac arrest. Atherosclerosis, 2002, 162, 211-216.	0.4	70

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109	Finalists, The Jeremiah and Rose Stamler Research Award for New Investigators Fatty fish consumption and ischemic heart disease mortality in older adults: The Cardiovascular Health Study. Circulation, 2001, 103, 1351-1351.	1.6	0
110	Family History as a Risk Factor for Primary Cardiac Arrest. Circulation, 1998, 97, 155-160.	1.6	306
111	The Association of Antihypertensive Medication With Serum Creatinine Changes in Older Adults. American Journal of Hypertension, 1997, 10, 1368-1377.	1.0	1