

# Jan BorÅ©n

## List of Publications by Year in descending order

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402  
papers

55,773  
citations

2101

100  
h-index

1424

221  
g-index

414  
all docs

414  
docs citations

414  
times ranked

68593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-based map of the human proteome. <i>Science</i> , 2015, 347, 1260419.	12.6	10,802
2	Gut metagenome in European women with normal, impaired and diabetic glucose control. <i>Nature</i> , 2013, 498, 99-103.	27.8	2,401
3	Low-density lipoproteins cause atherosclerotic cardiovascular disease. 1. Evidence from genetic, epidemiologic, and clinical studies. A consensus statement from the European Atherosclerosis Society Consensus Panel. <i>European Heart Journal</i> , 2017, 38, 2459-2472.	2.2	2,292
4	Familial hypercholesterolaemia is underdiagnosed and undertreated in the general population: guidance for clinicians to prevent coronary heart disease: Consensus Statement of the European Atherosclerosis Society. <i>European Heart Journal</i> , 2013, 34, 3478-3490.	2.2	2,132
5	Lipoprotein(a) as a cardiovascular risk factor: current status. <i>European Heart Journal</i> , 2010, 31, 2844-2853.	2.2	1,392
6	Subendothelial Lipoprotein Retention as the Initiating Process in Atherosclerosis. <i>Circulation</i> , 2007, 116, 1832-1844.	1.6	1,123
7	Triglyceride-rich lipoproteins and high-density lipoprotein cholesterol in patients at high risk of cardiovascular disease: evidence and guidance for management. <i>European Heart Journal</i> , 2011, 32, 1345-1361.	2.2	993
8	Symptomatic atherosclerosis is associated with an altered gut metagenome. <i>Nature Communications</i> , 2012, 3, 1245.	12.8	970
9	A community-driven global reconstruction of human metabolism. <i>Nature Biotechnology</i> , 2013, 31, 419-425.	17.5	920
10	Homozygous familial hypercholesterolaemia: new insights and guidance for clinicians to improve detection and clinical management. A position paper from the Consensus Panel on Familial Hypercholesterolaemia of the European Atherosclerosis Society. <i>European Heart Journal</i> , 2014, 35, 2146-2157.	2.2	835
11	Subendothelial retention of atherogenic lipoproteins in early atherosclerosis. <i>Nature</i> , 2002, 417, 750-754.	27.8	816
12	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. <i>European Heart Journal</i> , 2020, 41, 2313-2330.	2.2	776
13	Enriching the gene set analysis of genome-wide data by incorporating directionality of gene expression and combining statistical hypotheses and methods. <i>Nucleic Acids Research</i> , 2013, 41, 4378-4391.	14.5	684
14	Familial hypercholesterolaemia in children and adolescents: gaining decades of life by optimizing detection and treatment. <i>European Heart Journal</i> , 2015, 36, 2425-2437.	2.2	644
15	Overproduction of Very Low-Density Lipoproteins Is the Hallmark of the Dyslipidemia in the Metabolic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1225-1236.	2.4	639
16	Roux-en-Y Gastric Bypass and Vertical Banded Gastroplasty Induce Long-Term Changes on the Human Gut Microbiome Contributing to Fat Mass Regulation. <i>Cell Metabolism</i> , 2015, 22, 228-238.	16.2	638
17	Overproduction of large VLDL particles is driven by increased liver fat content in man. <i>Diabetologia</i> , 2006, 49, 755-765.	6.3	570
18	Uncovering transcriptional regulation of metabolism by using metabolic network topology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2685-2689.	7.1	553

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19	Fasting is not routinely required for determination of a lipid profile: clinical and laboratory implications including flagging at desirable concentration cut-pointsâ€”a joint consensus statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. <i>European Heart Journal</i> , 2016, 37, 1944-1958.	2.2	542
20	The gut microbiota modulates host energy and lipid metabolism in mice. <i>Journal of Lipid Research</i> , 2010, 51, 1101-1112.	4.2	508
21	The MBOAT7-TMC4 Variant rs641738 Increases Risk of Nonalcoholic Fatty Liver Disease in Individuals of European Descent. <i>Gastroenterology</i> , 2016, 150, 1219-1230.e6.	1.3	506
22	The polygenic nature of hypertriglyceridaemia: implications for definition, diagnosis, and management. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 655-666.	11.4	473
23	Genome-scale metabolic modelling of hepatocytes reveals serine deficiency in patients with non-alcoholic fatty liver disease. <i>Nature Communications</i> , 2014, 5, 3083.	12.8	461
24	Transmembrane 6 superfamily member 2 gene variant disentangles nonalcoholic steatohepatitis from cardiovascular disease. <i>Hepatology</i> , 2015, 61, 506-514.	7.3	424
25	Plant sterols and plant stanols in the management of dyslipidaemia and prevention of cardiovascular disease. <i>Atherosclerosis</i> , 2014, 232, 346-360.	0.8	419
26	Reconstruction of Genome-Scale Active Metabolic Networks for 69 Human Cell Types and 16 Cancer Types Using INIT. <i>PLoS Computational Biology</i> , 2012, 8, e1002518.	3.2	381
27	The RAVEN Toolbox and Its Use for Generating a Genome-scale Metabolic Model for <i>Penicillium chrysogenum</i> . <i>PLoS Computational Biology</i> , 2013, 9, e1002980.	3.2	364
28	The central role of arterial retention of cholesterol-rich apolipoprotein-B-containing lipoproteins in the pathogenesis of atherosclerosis: a triumph of simplicity. <i>Current Opinion in Lipidology</i> , 2016, 27, 473-483.	2.7	348
29	Quantifying Diet-Induced Metabolic Changes of the Human Gut Microbiome. <i>Cell Metabolism</i> , 2015, 22, 320-331.	16.2	345
30	Identification of anticancer drugs for hepatocellular carcinoma through personalized genome-scale metabolic modeling. <i>Molecular Systems Biology</i> , 2014, 10, 721.	7.2	331
31	An Integrated Understanding of the Rapid Metabolic Benefits of a Carbohydrate-Restricted Diet on Hepatic Steatosis in Humans. <i>Cell Metabolism</i> , 2018, 27, 559-571.e5.	16.2	321
32	New insights into the pathophysiology of dyslipidemia in type 2 diabetes. <i>Atherosclerosis</i> , 2015, 239, 483-495.	0.8	314
33	SNARE proteins mediate fusion between cytosolic lipid droplets and are implicated in insulin sensitivity. <i>Nature Cell Biology</i> , 2007, 9, 1286-1293.	10.3	309
34	Triglyceride-rich lipoproteins and their remnants: metabolic insights, role in atherosclerotic cardiovascular disease, and emerging therapeutic strategiesâ€”a consensus statement from the European Atherosclerosis Society. <i>European Heart Journal</i> , 2021, 42, 4791-4806.	2.2	303
35	PNPLA3 has retinyl-palmitate lipase activity in human hepatic stellate cells. <i>Human Molecular Genetics</i> , 2014, 23, 4077-4085.	2.9	293
36	The gut microbiota modulates host amino acid and glutathione metabolism in mice. <i>Molecular Systems Biology</i> , 2015, 11, 834.	7.2	291

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37	Requirement of JNK2 for Scavenger Receptor A-Mediated Foam Cell Formation in Atherogenesis. <i>Science</i> , 2004, 306, 1558-1561.	12.6	259
38	Apolipoprotein B: a clinically important apolipoprotein which assembles atherogenic lipoproteins and promotes the development of atherosclerosis. <i>Journal of Internal Medicine</i> , 2005, 258, 395-410.	6.0	251
39	Identification of the principal proteoglycan-binding site in LDL. A single-point mutation in apo-B100 severely affects proteoglycan interaction without affecting LDL receptor binding.. <i>Journal of Clinical Investigation</i> , 1998, 101, 2658-2664.	8.2	237
40	Overproduction of VLDL 1 Driven by Hyperglycemia Is a Dominant Feature of Diabetic Dyslipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1697-1703.	2.4	235
41	Patatin-like phospholipase domain-containing 3 (PNPLA3) I148M (rs738409) affects hepatic VLDL secretion in humans and in vitro. <i>Journal of Hepatology</i> , 2012, 57, 1276-1282.	3.7	232
42	Understanding the interactions between bacteria in the human gut through metabolic modeling. <i>Scientific Reports</i> , 2013, 3, 2532.	3.3	224
43	An atlas of human metabolism. <i>Science Signaling</i> , 2020, 13, .	3.6	223
44	Integration of clinical data with a genome-scale metabolic model of the human adipocyte. <i>Molecular Systems Biology</i> , 2013, 9, 649.	7.2	217
45	Lipid droplets as dynamic organelles connecting storage and efflux of lipids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 448-458.	2.4	209
46	High-throughput shotgun lipidomics by quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2664-2672.	2.3	197
47	Identification of the low density lipoprotein receptor-binding site in apolipoprotein B100 and the modulation of its binding activity by the carboxyl terminus in familial defective apo-B100.. <i>Journal of Clinical Investigation</i> , 1998, 101, 1084-1093.	8.2	194
48	SIRT1 decreases Lox-1-mediated foam cell formation in atherogenesis. <i>European Heart Journal</i> , 2010, 31, 2301-2309.	2.2	189
49	Quantifying Atherogenic Lipoproteins: Current and Future Challenges in the Era of Personalized Medicine and Very Low Concentrations of LDL Cholesterol. A Consensus Statement from EAS and EFLM. <i>Clinical Chemistry</i> , 2018, 64, 1006-1033.	3.2	189
50	The assembly and secretion of apolipoprotein B-containing lipoproteins. <i>Current Opinion in Lipidology</i> , 1999, 10, 341-346.	2.7	186
51	Ectopic lipid storage and insulin resistance: a harmful relationship. <i>Journal of Internal Medicine</i> , 2013, 274, 25-40.	6.0	183
52	2017 Update of ESC/EAS Task Force on practical clinical guidance for proprotein convertase subtilisin/kexin type 9 inhibition in patients with atherosclerotic cardiovascular disease or in familial hypercholesterolaemia. <i>European Heart Journal</i> , 2018, 39, 1131-1143.	2.2	171
53	Studies on the assembly of apo B-100-containing lipoproteins in HepG2 cells.. <i>Journal of Biological Chemistry</i> , 1988, 263, 4434-4442.	3.4	171
54	Acute suppression of VLDL1 secretion rate by insulin is associated with hepatic fat content and insulin resistance. <i>Diabetologia</i> , 2007, 50, 2356-2365.	6.3	164

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55	Sampling the Solution Space in Genome-Scale Metabolic Networks Reveals Transcriptional Regulation in Key Enzymes. <i>PLoS Computational Biology</i> , 2010, 6, e1000859.	3.2	164
56	Cytosolic Lipid Droplets Increase in Size by Microtubule-Dependent Complex Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1945-1951.	2.4	158
57	Postprandial hypertriglyceridemia as a coronary risk factor. <i>Clinica Chimica Acta</i> , 2014, 431, 131-142.	1.1	157
58	The assembly and secretion of ApoB 100-containing lipoproteins in Hep G2 cells. ApoB 100 is cotranslationally integrated into lipoproteins.. <i>Journal of Biological Chemistry</i> , 1992, 267, 9858-9867.	3.4	157
59	Studies on the assembly of apolipoprotein B-100- and B-48-containing very low density lipoproteins in McA-RH7777 cells. <i>Journal of Biological Chemistry</i> , 1994, 269, 25879-88.	3.4	157
60	PLD1 and ERK2 regulate cytosolic lipid droplet formation. <i>Journal of Cell Science</i> , 2006, 119, 2246-2257.	2.0	153
61	Dietary Fructose and the Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 1987.	4.1	152
62	Hypoxia Converts Human Macrophages Into Triglyceride-Loaded Foam Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1871-1876.	2.4	149
63	Metabolic network-based stratification of hepatocellular carcinoma reveals three distinct tumor subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11874-E11883.	7.1	149
64	Personal model-assisted identification of NAD <sup>+</sup> and ð-glutathione metabolism as intervention target in NAFLD. <i>Molecular Systems Biology</i> , 2017, 13, 916.	7.2	147
65	Inhibition of the Microsomal Triglyceride Transfer Protein Blocks the First Step of Apolipoprotein B Lipoprotein Assembly but Not the Addition of Bulk Core Lipids in the Second Step. <i>Journal of Biological Chemistry</i> , 1996, 271, 33047-33053.	3.4	146
66	Fasting Is Not Routinely Required for Determination of a Lipid Profile: Clinical and Laboratory Implications Including Flagging at Desirable Concentration CutpointsâA Joint Consensus Statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry</i> , 2016, 62, 930-946.	3.2	145
67	De novo lipogenesis in metabolic homeostasis: More friend than foe?. <i>Molecular Metabolism</i> , 2015, 4, 367-377.	6.5	144
68	Diabetic dyslipidaemia. <i>Current Opinion in Lipidology</i> , 2006, 17, 238-246.	2.7	143
69	Adipocyte Differentiation-Related Protein Promotes Fatty Acid Storage in Cytosolic Triglycerides and Inhibits Secretion of Very LowâDensity Lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1566-1571.	2.4	141
70	Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. <i>Atherosclerosis</i> , 2020, 294, 46-61.	0.8	137
71	Dual Metabolic Defects Are Required to Produce Hypertriglyceridemia in Obese Subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2144-2150.	2.4	133
72	Integrated Network Analysis Reveals an Association between Plasma Mannose Levels and Insulin Resistance. <i>Cell Metabolism</i> , 2016, 24, 172-184.	16.2	133

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73	The VLDL receptor promotes lipotoxicity and increases mortality in mice following an acute myocardial infarction. <i>Journal of Clinical Investigation</i> , 2011, 121, 2625-2640.	8.2	133
74	Systems Biology of Metabolism: A Driver for Developing Personalized and Precision Medicine. <i>Cell Metabolism</i> , 2017, 25, 572-579.	16.2	132
75	Identification and diagnosis of patients with familial chylomicronaemia syndrome (FCS): Expert panel recommendations and proposal of an "FCS score". <i>Atherosclerosis</i> , 2018, 275, 265-272.	0.8	131
76	Transcriptomics resources of human tissues and organs. <i>Molecular Systems Biology</i> , 2016, 12, 862.	7.2	130
77	Genes for Apolipoprotein B and Microsomal Triglyceride Transfer Protein Are Expressed in the Heart. <i>Circulation</i> , 1998, 98, 13-16.	1.6	129
78	Sphingolipids Contribute to Human Atherosclerotic Plaque Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1132-1140.	2.4	129
79	The Molecular Mechanism for the Genetic Disorder Familial Defective Apolipoprotein B100. <i>Journal of Biological Chemistry</i> , 2001, 276, 9214-9218.	3.4	128
80	Novel rat model reveals important roles of $\beta$ -adrenoreceptors in stress-induced cardiomyopathy. <i>International Journal of Cardiology</i> , 2013, 168, 1943-1950.	1.7	127
81	Susceptibility of low-density lipoprotein particles to aggregate depends on particle lipidome, is modifiable, and associates with future cardiovascular deaths. <i>European Heart Journal</i> , 2018, 39, 2562-2573.	2.2	126
82	Overeating Saturated Fat Promotes Fatty Liver and Ceramides Compared With Polyunsaturated Fat: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6207-6219.	3.6	124
83	Impact of Gut Microbiota and Diet on the Development of Atherosclerosis in <i>ApoE</i> <sup>-/-</sup> Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2318-2326.	2.4	123
84	Pulse-chase studies of the synthesis and intracellular transport of apolipoprotein B-100 in Hep G2 cells. <i>Journal of Biological Chemistry</i> , 1986, 261, 13800-6.	3.4	123
85	Biosynthesis of Apolipoprotein B48-containing Lipoproteins. <i>Journal of Biological Chemistry</i> , 1996, 271, 2353-2356.	3.4	122
86	Causes and Consequences of Hypertriglyceridemia. <i>Frontiers in Endocrinology</i> , 2020, 11, 252.	3.5	122
87	Quantifying atherogenic lipoproteins for lipid-lowering strategies: consensus-based recommendations from EAS and EFLM. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 496-517.	2.3	119
88	Filamin B deficiency in mice results in skeletal malformations and impaired microvascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3919-3924.	7.1	118
89	Systems biology in hepatology: approaches and applications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 365-377.	17.8	117
90	The assembly and secretion of apoB 100 containing lipoproteins in Hep G2 cells. Evidence for different sites for protein synthesis and lipoprotein assembly.. <i>Journal of Biological Chemistry</i> , 1990, 265, 10556-10564.	3.4	117

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91	ApoCIII-Enriched LDL in Type 2 Diabetes Displays Altered Lipid Composition, Increased Susceptibility for Sphingomyelinase, and Increased Binding to Biglycan. <i>Diabetes</i> , 2009, 58, 2018-2026.	0.6	116
92	Fatty liver, insulin resistance, and dyslipidemia. <i>Current Diabetes Reports</i> , 2008, 8, 60-64.	4.2	115
93	The assembly and secretion of ApoB 100-containing lipoproteins in Hep G2 cells. ApoB 100 is cotranslationally integrated into lipoproteins. <i>Journal of Biological Chemistry</i> , 1992, 267, 9858-67.	3.4	115
94	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 50-67.	11.4	114
95	Stratification of Hepatocellular Carcinoma Patients Based on Acetate Utilization. <i>Cell Reports</i> , 2015, 13, 2014-2026.	6.4	113
96	Proteome- and Transcriptome-Driven Reconstruction of the Human Myocyte Metabolic Network and Its Use for Identification of Markers for Diabetes. <i>Cell Reports</i> , 2015, 11, 921-933.	6.4	112
97	Network analyses identify liver-specific targets for treating liver diseases. <i>Molecular Systems Biology</i> , 2017, 13, 938.	7.2	112
98	Rapid Quantification of Yeast Lipid using Microwave-Assisted Total Lipid Extraction and HPLC-CAD. <i>Analytical Chemistry</i> , 2013, 85, 4912-4919.	6.5	110
99	A new combined multicompartamental model for apolipoprotein B-100 and triglyceride metabolism in VLDL subfractions. <i>Journal of Lipid Research</i> , 2005, 46, 58-67.	4.2	108
100	Studies on the assembly of apo B-100-containing lipoproteins in HepG2 cells. <i>Journal of Biological Chemistry</i> , 1988, 263, 4434-42.	3.4	106
101	Apo B100-containing lipoproteins are secreted by the heart.. <i>Journal of Clinical Investigation</i> , 1998, 101, 1197-1202.	8.2	104
102	Genome-scale modeling of human metabolism – a systems biology approach. <i>Biotechnology Journal</i> , 2013, 8, 985-996.	3.5	101
103	PNPLA3 I148M (rs738409) genetic variant is associated with hepatocellular carcinoma in obese individuals. <i>Digestive and Liver Disease</i> , 2012, 44, 1037-1041.	0.9	100
104	Molecular Mechanism for Changes in Proteoglycan Binding on Compositional Changes of the Core and the Surface of Low-Density Lipoprotein-Containing Human Apolipoprotein B100. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 564-570.	2.4	99
105	Dyslipidemia, but not hyperglycemia and insulin resistance, is associated with marked alterations in the HDL lipidome in type 2 diabetic subjects in the DIWA cohort: Impact on small HDL particles. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1609-1617.	2.4	97
106	PAQR-2 Regulates Fatty Acid Desaturation during Cold Adaptation in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2013, 9, e1003801.	3.5	96
107	Retention of atherogenic lipoproteins in the artery wall and its role in atherogenesis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 1-7.	2.6	92
108	Lack of Complement Factor C3, but Not Factor B, Increases Hyperlipidemia and Atherosclerosis in Apolipoprotein E <sup>-/-</sup> /Low-Density Lipoprotein Receptor <sup>-/-</sup> Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1062-1067.	2.4	90

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109	ATP depletion in macrophages in the core of advanced rabbit atherosclerotic plaques in vivo. <i>Atherosclerosis</i> , 2006, 188, 323-330.	0.8	89
110	Adverse effects of fructose on cardiometabolic risk factors and hepatic lipid metabolism in subjects with abdominal obesity. <i>Journal of Internal Medicine</i> , 2017, 282, 187-201.	6.0	89
111	A Phospholipase D-dependent Process Forms Lipid Droplets Containing Caveolin, Adipocyte Differentiation-related Protein, and Vimentin in a Cell-free System. <i>Journal of Biological Chemistry</i> , 2003, 278, 27293-27300.	3.4	88
112	Proteomics and lipids of lipoproteins isolated at low salt concentrations in D2O/sucrose or in KBr. <i>Journal of Lipid Research</i> , 2008, 49, 481-490.	4.2	88
113	Genome-scale metabolic reconstructions of <i>Bifidobacterium adolescentis</i> L2-32 and <i>Faecalibacterium prausnitzii</i> A2-165 and their interaction. <i>BMC Systems Biology</i> , 2014, 8, 41.	3.0	88
114	Ablation of the very-long-chain fatty acid elongase ELOVL3 in mice leads to constrained lipid storage and resistance to diet-induced obesity. <i>FASEB Journal</i> , 2010, 24, 4366-4377.	0.5	87
115	Cadmium exposure is accompanied by increased prevalence and future growth of atherosclerotic plaques in 64-year-old women. <i>Journal of Internal Medicine</i> , 2012, 272, 601-610.	6.0	86
116	Clinical dyslipidaemia is associated with changes in the lipid composition and inflammatory properties of apolipoprotein-B-containing lipoproteins from women with type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 1156-1166.	6.3	86
117	New paradigms for metabolic modeling of human cells. <i>Current Opinion in Biotechnology</i> , 2015, 34, 91-97.	6.6	86
118	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. <i>Cell Metabolism</i> , 2017, 26, 281-283.	16.2	85
119	Drug Repositioning for Effective Prostate Cancer Treatment. <i>Frontiers in Physiology</i> , 2018, 9, 500.	2.8	85
120	Identification of the Proteoglycan Binding Site in Apolipoprotein B48. <i>Journal of Biological Chemistry</i> , 2002, 277, 32228-32233.	3.4	84
121	Influence of Peroxisome Proliferator-activated Receptor $\alpha$ Agonists on the Intracellular Turnover and Secretion of Apolipoprotein (Apo) B-100 and ApoB-48. <i>Journal of Biological Chemistry</i> , 2002, 277, 23044-23053.	3.4	83
122	<i>c-Jun</i> N-Terminal Kinase 2 Deficiency Protects Against Hypercholesterolemia-Induced Endothelial Dysfunction and Oxidative Stress. <i>Circulation</i> , 2008, 118, 2073-2080.	1.6	83
123	A mouse model reveals an important role for catecholamine-induced lipotoxicity in the pathogenesis of stress-induced cardiomyopathy. <i>European Journal of Heart Failure</i> , 2013, 15, 9-22.	7.1	83
124	The Roles of ApoC-III on the Metabolism of Triglyceride-Rich Lipoproteins in Humans. <i>Frontiers in Endocrinology</i> , 2020, 11, 474.	3.5	81
125	Retention of Low-Density Lipoprotein in Atherosclerotic Lesions of the Mouse. <i>Circulation Research</i> , 2007, 101, 777-783.	4.5	80
126	Efficient protein production by yeast requires global tuning of metabolism. <i>Nature Communications</i> , 2017, 8, 1131.	12.8	80



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127	Influence of triacylglycerol biosynthesis rate on the assembly of apoB-100-containing lipoproteins in Hep G2 cells.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1993, 13, 1743-1754.	3.9	79
128	The assembly and secretion of apoB 100 containing lipoproteins in Hep G2 cells. Evidence for different sites for protein synthesis and lipoprotein assembly. <i>Journal of Biological Chemistry</i> , 1990, 265, 10556-64.	3.4	79
129	Paradoxical Lower Serum Triglyceride Levels and Higher Type 2 Diabetes Mellitus Susceptibility in Obese Individuals with the PNPLA3 148M Variant. <i>PLoS ONE</i> , 2012, 7, e39362.	2.5	78
130	Liraglutide treatment improves postprandial lipid metabolism and cardiometabolic risk factors in humans with adequately controlled type 2 diabetes: A single-centre randomized controlled study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 84-94.	4.4	78
131	Current Status of COVID-19 Therapies and Drug Repositioning Applications. <i>IScience</i> , 2020, 23, 101303.	4.1	77
132	Triglyceride-Rich Lipoproteins and Remnants: Targets for Therapy?. <i>Current Cardiology Reports</i> , 2016, 18, 67.	2.9	74
133	The human liver-specific proteome defined by transcriptomics and antibody-based profiling. <i>FASEB Journal</i> , 2014, 28, 2901-2914.	0.5	73
134	Elucidating the interactions between the human gut microbiota and its host through metabolic modeling. <i>Frontiers in Genetics</i> , 2014, 5, 86.	2.3	72
135	Protein kinase STK25 regulates hepatic lipid partitioning and progression of liver steatosis and NASH. <i>FASEB Journal</i> , 2015, 29, 1564-1576.	0.5	72
136	Emerging Evidence that ApoC-III Inhibitors Provide Novel Options to Reduce the Residual CVD. <i>Current Atherosclerosis Reports</i> , 2019, 21, 27.	4.8	72
137	Triglyceride containing lipid droplets and lipid droplet-associated proteins. <i>Current Opinion in Lipidology</i> , 2008, 19, 441-447.	2.7	70
138	The Assembly and Secretion of Apolipoprotein B-48-containing Very Low Density Lipoproteins in McA-RH7777 Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 10506-10513.	3.4	68
139	ADP-ribosylation Factor 1 and Its Activation of Phospholipase D Are Important for the Assembly of Very Low Density Lipoproteins. <i>Journal of Biological Chemistry</i> , 2000, 275, 26285-26292.	3.4	68
140	Brefeldin A Reversibly Inhibits the Assembly of ApoB Containing Lipoproteins in McA-RH7777 Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 28879-28886.	3.4	67
141	Histamine H1 Receptor Promotes Atherosclerotic Lesion Formation by Increasing Vascular Permeability for Low-Density Lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 923-930.	2.4	67
142	Confounding Effects of Metformin on the Human Gut Microbiome in Type 2 Diabetes. <i>Cell Metabolism</i> , 2016, 23, 10-12.	16.2	67
143	Eradicating the Burden of Atherosclerotic Cardiovascular Disease by Lowering Apolipoprotein B Lipoproteins Earlier in Life. <i>Journal of the American Heart Association</i> , 2018, 7, e009778.	3.7	67
144	Heparan Sulfate in Perlecan Promotes Mouse Atherosclerosis: Roles in Lipid Permeability, Lipid Retention, and Smooth Muscle Cell Proliferation. <i>Circulation Research</i> , 2008, 103, 43-52.	4.5	67

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