

Jan BorÅ©n

List of Publications by Year in descending order

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Version: 2024-02-01

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	Effects of <i>PNPLA3</i> I148M on hepatic lipid and very-low-density lipoprotein metabolism in humans. <i>Journal of Internal Medicine</i> , 2022, 291, 218-223.	6.0	5
2	The role of circulating galectin-1 in type 2 diabetes and chronic kidney disease: evidence from cross-sectional, longitudinal and Mendelian randomisation analyses. <i>Diabetologia</i> , 2022, 65, 128-139.	6.3	7
3	Multimomics Analysis Reveals the Impact of Microbiota on Host Metabolism in Hepatic Steatosis. <i>Advanced Science</i> , 2022, 9, e2104373.	11.2	23
4	Metabolism of triglyceride-rich lipoproteins in health and dyslipidaemia. <i>Nature Reviews Cardiology</i> , 2022, 19, 577-592.	13.7	59
5	A Gene Co-Expression Network-Based Drug Repositioning Approach Identifies Candidates for Treatment of Hepatocellular Carcinoma. <i>Cancers</i> , 2022, 14, 1573.	3.7	8
6	Antraquinone derivatives as ADP-competitive inhibitors of liver pyruvate kinase. <i>European Journal of Medicinal Chemistry</i> , 2022, 234, 114270.	5.5	8
7	Prediction of drug candidates for clear cell renal cell carcinoma using a systems biology-based drug repositioning approach. <i>EBioMedicine</i> , 2022, 78, 103963.	6.1	11
8	Role of endogenous incretins in the regulation of postprandial lipoprotein metabolism. <i>European Journal of Endocrinology</i> , 2022, 187, 75-84.	3.7	2
9	Modified lipid metabolism and cytosolic phospholipase A2 activation in mesangial cells under pro-inflammatory conditions. <i>Scientific Reports</i> , 2022, 12, 7322.	3.3	3
10	MO614: Modified Lipid Metabolism and Cytosolic Phospholipase A2 Activation in Mesangial Cells Under Pro-Inflammatory Conditions. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.7	0
11	pH-Dependent Protonation of Histidine Residues Is Critical for Electrostatic Binding of Low-Density Lipoproteins to Human Coronary Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1037-1047.	2.4	4
12	Left-Sided Degenerative Valvular Heart Disease in Type 1 and Type 2 Diabetes. <i>Circulation</i> , 2022, 146, 398-411.	1.6	10
13	Association of dietary and gut microbiota-related metabolites with calcific aortic stenosis. <i>Acta Cardiologica</i> , 2021, 76, 544-552.	0.9	10
14	Addressing the heterogeneity in liver diseases using biological networks. <i>Briefings in Bioinformatics</i> , 2021, 22, 1751-1766.	6.5	9
15	Systems biology based drug repositioning for development of cancer therapy. <i>Seminars in Cancer Biology</i> , 2021, 68, 47-58.	9.6	54
16	Discovery of Functional Alternatively Spliced PKM Transcripts in Human Cancers. <i>Cancers</i> , 2021, 13, 348.	3.7	8
17	Effects of Evolocumab on the Postprandial Kinetics of Apo (Apolipoprotein) B100- and B48-Containing Lipoproteins in Subjects With Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 962-975.	2.4	18
18	Effects of liraglutide on the metabolism of triglyceride-rich lipoproteins in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1191-1201.	4.4	20

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19	Multi-omics approaches for revealing the complexity of cardiovascular disease. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	40
20	STE20â€type Protein Kinase MST4 Controls NAFLD Progression by Regulating Lipid Droplet Dynamics and Metabolic Stress in Hepatocytes. <i>Hepatology Communications</i> , 2021, 5, 1183-1200.	4.3	13
21	Relationship between de novo lipogenesis and serum sex hormone binding globulin in humans. <i>Clinical Endocrinology</i> , 2021, 95, 101-106.	2.4	11
22	Revealing the Metabolic Alterations during Biofilm Development of <i>Burkholderia cenocepacia</i> Based on Genome-Scale Metabolic Modeling. <i>Metabolites</i> , 2021, 11, 221.	2.9	5
23	The <i>C. elegans</i> PAQR-2 and IGLR-2 membrane homeostasis proteins are uniquely essential for tolerating dietary saturated fats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158883.	2.4	14
24	Extensive transcription mis-regulation and membrane defects in AdipoR2-deficient cells challenged with saturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158884.	2.4	13
25	Silencing of STE20â€type kinase MST3 in mice with antisense oligonucleotide treatment ameliorates dietâ€induced nonalcoholic fatty liver disease. <i>FASEB Journal</i> , 2021, 35, e21567.	0.5	15
26	iNetModels 2.0: an interactive visualization and database of multi-omics data. <i>Nucleic Acids Research</i> , 2021, 49, W271-W276.	14.5	25
27	Antibodies against apoB100 peptide 210 inhibit atherosclerosis in apoE ^{-/-} mice. <i>Scientific Reports</i> , 2021, 11, 9022.	3.3	14
28	Informing Pharmacokinetic Models With Physiological Data: Oral Population Modeling of L-Serine in Humans. <i>Frontiers in Pharmacology</i> , 2021, 12, 643179.	3.5	3
29	Integrative transcriptomic analysis of tissue-specific metabolic crosstalk after myocardial infarction. <i>ELife</i> , 2021, 10, .	6.0	20
30	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. <i>Cancer Research</i> , 2021, 81, 4581-4593.	0.9	8
31	A genetic titration of membrane composition in <i>Caenorhabditis elegans</i> reveals its importance for multiple cellular and physiological traits. <i>Genetics</i> , 2021, 219, .	2.9	13
32	Combined Metabolic Activators Accelerates Recovery in Mildâ€toâ€Moderate COVIDâ€19. <i>Advanced Science</i> , 2021, 8, e2101222.	11.2	49
33	The year 2020 in Atherosclerosis. <i>Atherosclerosis</i> , 2021, 326, 35-44.	0.8	1
34	Early rise in brain damage markers and high ICOS expression in CD4 ⁺ and CD8 ⁺ T cells during checkpoint inhibitor-induced encephalomyelitis. , 2021, 9, e002732.		12
35	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. <i>IScience</i> , 2021, 24, 102722.	4.1	8
36	Glucosylceramide synthase deficiency in the heart compromises β 1-adrenergic receptor trafficking. <i>European Heart Journal</i> , 2021, 42, 4481-4492.	2.2	14

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37	Sacubitril/valsartan decreases mortality in the rat model of the isoprenaline-induced takotsubo-like syndrome. <i>ESC Heart Failure</i> , 2021, 8, 4130-4138.	3.1	3
38	Keeping remnants in perspective. <i>European Heart Journal</i> , 2021, 42, 4333-4335.	2.2	13
39	Intussusceptive Angiogenesis in Human Metastatic Malignant Melanoma. <i>American Journal of Pathology</i> , 2021, 191, 2023-2038.	3.8	13
40	APRIL limits atherosclerosis by binding to heparan sulfate proteoglycans. <i>Nature</i> , 2021, 597, 92-96.	27.8	38
41	Cholesterol efflux promoting function of high-density lipoproteins in calcific aortic valve stenosis. <i>Atherosclerosis Plus</i> , 2021, 44, 18-18.	0.7	1
42	Triglyceride-rich lipoproteins and their remnants: metabolic insights, role in atherosclerotic cardiovascular disease, and emerging therapeutic strategies—a consensus statement from the European Atherosclerosis Society. <i>European Heart Journal</i> , 2021, 42, 4791-4806.	2.2	303
43	Cyclic AMP-binding protein Epac1 acts as a metabolic sensor to promote cardiomyocyte lipotoxicity. <i>Cell Death and Disease</i> , 2021, 12, 824.	6.3	12
44	Testosterone reduces metabolic brown fat activity in male mice. <i>Journal of Endocrinology</i> , 2021, 251, 83-96.	2.6	5
45	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in Hamsters Fed with a High-Fat Diet. <i>Biomedicines</i> , 2021, 9, 1440.	3.2	8
46	Combined metabolic activators therapy ameliorates liver fat in nonalcoholic fatty liver disease patients. <i>Molecular Systems Biology</i> , 2021, 17, e10459.	7.2	22
47	A network-based approach reveals the dysregulated transcriptional regulation in non-alcoholic fatty liver disease. <i>IScience</i> , 2021, 24, 103222.	4.1	14
48	Palmitic acid causes increased dihydroceramide levels when desaturase expression is directly silenced or indirectly lowered by silencing AdipoR2. <i>Lipids in Health and Disease</i> , 2021, 20, 173.	3.0	6
49	Metabolism of Triglyceride-Rich Lipoproteins. <i>Handbook of Experimental Pharmacology</i> , 2021, , 133-156.	1.8	6
50	Editorial: Diabetes Augmentation on Vascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 810822.	2.4	0
51	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. <i>Lancet Diabetes and Endocrinology</i> , the, 2020, 8, 50-67.	11.4	114
52	Interaction of chylomicron remnants and VLDLs during ultracentrifuge separation based on the Svedberg flotation rate — Authors™ response. <i>Journal of Internal Medicine</i> , 2020, 287, 118-118.	6.0	0
53	Apolipoprotein B48 metabolism in chylomicrons and very low-density lipoproteins and its role in triglyceride transport in normo- and hypertriglyceridemic human subjects. <i>Journal of Internal Medicine</i> , 2020, 288, 422-438.	6.0	25
54	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

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55	Impact of proprotein convertase subtilisin/kexin type 9 inhibition with evolocumab on the postprandial responses of triglyceride-rich lipoproteins in type II diabetic subjects. <i>Journal of Clinical Lipidology</i> , 2020, 14, 77-87.	1.5	26
56	Lipid droplet-associated kinase STK25 regulates peroxisomal activity and metabolic stress response in steatotic liver. <i>Journal of Lipid Research</i> , 2020, 61, 178-191.	4.2	23
57	Applications of Genome-Wide Screening and Systems Biology Approaches in Drug Repositioning. <i>Cancers</i> , 2020, 12, 2694.	3.7	14
58	Lack of RAC1 in macrophages protects against atherosclerosis. <i>PLoS ONE</i> , 2020, 15, e0239284.	2.5	13
59	Systems Biology Approaches to Understand the Host-Microbiome Interactions in Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2020, 14, 716.	2.8	39
60	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
61	Lipid profiling of human diabetic myocardium reveals differences in triglyceride fatty acyl chain length and degree of saturation. <i>International Journal of Cardiology</i> , 2020, 320, 106-111.	1.7	4
62	Leveraging a gain-of-function allele of <i>Caenorhabditis elegans</i> paqr-1 to elucidate membrane homeostasis by PAQR proteins. <i>PLoS Genetics</i> , 2020, 16, e1008975.	3.5	11
63	Multimodal MALDI Imaging Mass Spectrometry Reveals Spatially Correlated Lipid and Protein Changes in Mouse Heart with Acute Myocardial Infarction. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2133-2142.	2.8	30
64	Causes and Consequences of Hypertriglyceridemia. <i>Frontiers in Endocrinology</i> , 2020, 11, 252.	3.5	122
65	Current Status of COVID-19 Therapies and Drug Repositioning Applications. <i>IScience</i> , 2020, 23, 101303.	4.1	77
66	The year 2019 in Atherosclerosis. <i>Atherosclerosis</i> , 2020, 299, 67-75.	0.8	1
67	An atlas of human metabolism. <i>Science Signaling</i> , 2020, 13, .	3.6	223
68	Suppressed Vascular Leakage and Myocardial Edema Improve Outcome From Myocardial Infarction. <i>Frontiers in Physiology</i> , 2020, 11, 763.	2.8	10
69	Classification of clear cell renal cell carcinoma based on PKM alternative splicing. <i>Heliyon</i> , 2020, 6, e03440.	3.2	9
70	A 7-day high-fat, high-calorie diet induces fibre-specific increases in intramuscular triglyceride and perilipin protein expression in human skeletal muscle. <i>Journal of Physiology</i> , 2020, 598, 1151-1167.	2.9	9
71	Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. <i>Atherosclerosis</i> , 2020, 294, 46-61.	0.8	137
72	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against non-alcoholic fatty liver disease. <i>Molecular Systems Biology</i> , 2020, 16, e9495.	7.2	39

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73	Improvement in the Current Therapies for Hepatocellular Carcinoma Using a Systems Medicine Approach. <i>Advanced Biology</i> , 2020, 4, e2000030.	3.0	7
74	Hepatic saturated fatty acid fraction is associated with de novo lipogenesis and hepatic insulin resistance. <i>Nature Communications</i> , 2020, 11, 1891.	12.8	63
75	A systems biology approach for studying neurodegenerative diseases. <i>Drug Discovery Today</i> , 2020, 25, 1146-1159.	6.4	23
76	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
77	Depletion of protein kinase STK25 ameliorates renal lipotoxicity and protects against diabetic kidney disease. <i>JCI Insight</i> , 2020, 5, .	5.0	14
78	Effects of TM6SF2 E167K on hepatic lipid and very low-density lipoprotein metabolism in humans. <i>JCI Insight</i> , 2020, 5, .	5.0	38
79	Nelfinavir Overcomes Proteasome Inhibitor Resistance in Multiple Myeloma By Modulating Membrane Lipid Bilayer Composition and Fluidity. <i>Blood</i> , 2020, 136, 11-11.	1.4	0
80	Title is missing!. , 2020, 16, e1008975.		0
81	Title is missing!. , 2020, 16, e1008975.		0
82	Title is missing!. , 2020, 16, e1008975.		0
83	Title is missing!. , 2020, 16, e1008975.		0
84	Lack of RAC1 in macrophages protects against atherosclerosis. , 2020, 15, e0239284.		0
85	Lack of RAC1 in macrophages protects against atherosclerosis. , 2020, 15, e0239284.		0
86	Lack of RAC1 in macrophages protects against atherosclerosis. , 2020, 15, e0239284.		0
87	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
88	The Potential Use of Metabolic Cofactors in Treatment of NAFLD. <i>Nutrients</i> , 2019, 11, 1578.	4.1	37
89	Subclinical atherosclerosis and its progression are modulated by <i>PLIN2</i> through a feed-forward loop between LXR and autophagy. <i>Journal of Internal Medicine</i> , 2019, 286, 660-675.	6.0	18
90	Systems biology perspective for studying the gut microbiota in human physiology and liver diseases. <i>EBioMedicine</i> , 2019, 49, 364-373.	6.1	25

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91	Cardiac expression of the microsomal triglyceride transport protein protects the heart function during ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 137, 1-8.	1.9	3
92	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
93	Dietary Fructose and the Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 1987.	4.1	152
94	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
95	Protein kinase MST3 modulates lipid homeostasis in hepatocytes and correlates with nonalcoholic steatohepatitis in humans. <i>FASEB Journal</i> , 2019, 33, 9974-9989.	0.5	20
96	Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart. <i>Scientific Reports</i> , 2019, 9, 6909.	3.3	30
97	Vimentin is required for normal accumulation of body fat. <i>Biological Chemistry</i> , 2019, 400, 1157-1162.	2.5	13
98	Targeting Filamin A Reduces Macrophage Activity and Atherosclerosis. <i>Circulation</i> , 2019, 140, 67-79.	1.6	38
99	Investigation of human apoB48 metabolism using a new, integrated non-steady-state model of apoB48 and apoB100 kinetics. <i>Journal of Internal Medicine</i> , 2019, 285, 562-577.	6.0	37
100	Role of apolipoprotein CIII overproduction in diabetic dyslipidaemia. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1861-1870.	4.4	39
101	AdipoR1 and AdipoR2 maintain membrane fluidity in most human cell types and independently of adiponectin. <i>Journal of Lipid Research</i> , 2019, 60, 995-1004.	4.2	57
102	Disturbed Laminar Blood Flow Causes Impaired Fibrinolysis and Endothelial Fibrin Deposition In Vivo. <i>Thrombosis and Haemostasis</i> , 2019, 119, 223-233.	3.4	10
103	Crosstalk between nonalcoholic fatty liver disease and cardiometabolic syndrome. <i>Obesity Reviews</i> , 2019, 20, 599-611.	6.5	59
104	Characterization of heterogeneous redox responses in hepatocellular carcinoma patients using network analysis. <i>EBioMedicine</i> , 2019, 40, 471-487.	6.1	38
105	Pyruvate kinase L/R is a regulator of lipid metabolism and mitochondrial function. <i>Metabolic Engineering</i> , 2019, 52, 263-272.	7.0	37
106	In vivo genome and base editing of a human PCSK9 knock-in hypercholesterolemic mouse model. <i>BMC Biology</i> , 2019, 17, 4.	3.8	59
107	Targeted Delivery of Stk25 Antisense Oligonucleotides to Hepatocytes Protects Mice Against Nonalcoholic Fatty Liver Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 597-618.	4.5	32
108	Endothelial repair is dependent on CD11c + leukocytes to establish regrowing endothelial sheets with high cellular density. <i>Journal of Leukocyte Biology</i> , 2019, 105, 195-202.	3.3	2

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109	Localised lipid accumulation detected in infarcted mouse heart tissue using ToF-SIMS. <i>International Journal of Mass Spectrometry</i> , 2019, 437, 77-86.	1.5	26
110	Human adipose tissue microvascular endothelial cells secrete PPAR β ligands and regulate adipose tissue lipid uptake. <i>JCI Insight</i> , 2019, 4, .	5.0	42
111	Evolutionarily conserved long-chain Acyl-CoA synthetases regulate membrane composition and fluidity. <i>ELife</i> , 2019, 8, .	6.0	22
112	Sulfatide isoform pattern in cerebrospinal fluid discriminates progressive <sc>MS</sc> from relapsing&remitting <sc>MS</sc>. <i>Journal of Neurochemistry</i> , 2018, 146, 322-332.	3.9	14
113	Systems biology in hepatology: approaches and applications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 365-377.	17.8	117
114	Broad Views of Non-alcoholic Fatty Liver Disease. <i>Cell Systems</i> , 2018, 6, 7-9.	6.2	24
115	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
116	Elevated Plasma Levels of 3-Hydroxyisobutyric Acid Are Associated With Incident Type 2 Diabetes. <i>EBioMedicine</i> , 2018, 27, 151-155.	6.1	53
117	New prospects for PCSK9 inhibition?. <i>European Heart Journal</i> , 2018, 39, 2600-2601.	2.2	13
118	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
119	TCSBN: a database of tissue and cancer specific biological networks. <i>Nucleic Acids Research</i> , 2018, 46, D595-D600.	14.5	55
120	Serine/threonine protein kinase 25 antisense oligonucleotide treatment reverses glucose intolerance, insulin resistance, and nonalcoholic fatty liver disease in mice. <i>Hepatology Communications</i> , 2018, 2, 69-83.	4.3	35
121	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
122	Vimentin deficiency in macrophages induces increased oxidative stress and vascular inflammation but attenuates atherosclerosis in mice. <i>Scientific Reports</i> , 2018, 8, 16973.	3.3	43
123	Characterization of different fat depots in NAFLD using inflammation-associated proteome, lipidome and metabolome. <i>Scientific Reports</i> , 2018, 8, 14200.	3.3	28
124	A link exists between hdl cholesterol efflux capacity and plasma gut microbiota metabolite levels in subjects with calcific aortic valve stenosis. <i>Atherosclerosis</i> , 2018, 275, e169.	0.8	0
125	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
126	Characterisation of patients with familial chylomicronaemia syndrome (FCS) and multifactorial chylomicronaemia syndrome (MCS): Establishment of an FCS clinical diagnostic score. <i>Data in Brief</i> , 2018, 21, 1334-1336.	1.0	4

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127	Glucosylceramide modifies the LPS-induced inflammatory response in macrophages and the orientation of the LPS/TLR4 complex in silico. <i>Scientific Reports</i> , 2018, 8, 13600.	3.3	33
128	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
129	STK25 regulates oxidative capacity and metabolic efficiency in adipose tissue. <i>Journal of Endocrinology</i> , 2018, 238, 187-202.	2.6	15
130	STK25 Regulates Cardiovascular Disease Progression in a Mouse Model of Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1723-1737.	2.4	12
131	Drug Repositioning for Effective Prostate Cancer Treatment. <i>Frontiers in Physiology</i> , 2018, 9, 500.	2.8	85
132	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
133	Niacin action in the atherogenic mixed dyslipidemia of metabolic syndrome: Insights from metabolic biomarker profiling and network analysis. <i>Journal of Clinical Lipidology</i> , 2018, 12, 810-821.e1.	1.5	20
134	Stk25 antisense oligonucleotide treatment reverses glucose intolerance, insulin resistance, and NAFLD in mice. <i>Journal of Hepatology</i> , 2018, 68, S328-S329.	3.7	0
135	Impact of Gut Microbiota and Diet on the Development of Atherosclerosis in <i>ApoE</i> ^{-/-} Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2318-2326.	2.4	123
136	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
137	Membrane fluidity is regulated by the <i>C.Âlegans</i> transmembrane protein FLD-1 and its human homologs TLC1/2. <i>ELife</i> , 2018, 7, .	6.0	38
138	Kinetics of plasma triglycerides in abdominal obesity. <i>Current Opinion in Lipidology</i> , 2017, 28, 11-18.	2.7	60
139	Systems Biology of Metabolism: A Driver for Developing Personalized and Precision Medicine. <i>Cell Metabolism</i> , 2017, 25, 572-579.	16.2	132
140	Statement of Retraction. The SNARE Protein SNAP23 and the SNARE-Interacting Protein Munc18c in Human Skeletal Muscle Are Implicated in Insulin Resistance/Type 2 Diabetes. <i>Diabetes</i> 2010;59:1870-1878. DOI: 10.2337/db09-1503. PMID: 20460426. <i>Diabetes</i> , 2017, 66, 1426-1426.	0.6	2
141	Personal model-assisted identification of NAD ⁺ and glutathione metabolism as intervention target in NAFLD. <i>Molecular Systems Biology</i> , 2017, 13, 916.	7.2	147
142	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
143	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
144	Fructose intervention for 12 weeks does not impair glycemic control or incretin hormone responses during oral glucose or mixed meal tests in obese men. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 534-542.	2.6	18

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145	AUP1 (Ancient Ubiquitous Protein 1). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 609-610.	2.4	2
146	Overexpression of protein kinase STK25 in mice exacerbates ectopic lipid accumulation, mitochondrial dysfunction and insulin resistance in skeletal muscle. <i>Diabetologia</i> , 2017, 60, 553-567.	6.3	37
147	Efficient protein production by yeast requires global tuning of metabolism. <i>Nature Communications</i> , 2017, 8, 1131.	12.8	80
148	Network analyses identify liver-specific targets for treating liver diseases. <i>Molecular Systems Biology</i> , 2017, 13, 938.	7.2	112
149	Intimal hyperplasia induced by vascular intervention causes lipoprotein retention and accelerated atherosclerosis. <i>Physiological Reports</i> , 2017, 5, e13334.	1.7	32
150	Improving the economics of NASH/NAFLD treatment through the use of systems biology. <i>Drug Discovery Today</i> , 2017, 22, 1532-1538.	6.4	28
151	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. <i>Cell Metabolism</i> , 2017, 26, 281-283.	16.2	85
152	Family-specific aggregation of lipid GWAS variants confers the susceptibility to familial hypercholesterolemia in a large Austrian family. <i>Atherosclerosis</i> , 2017, 264, 58-66.	0.8	6
153	Deficiency in perilipin 5 reduces mitochondrial function and membrane depolarization in mouse hearts. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 91, 9-13.	2.8	17
154	Predicting growth of the healthy infant using a genome scale metabolic model. <i>Npj Systems Biology and Applications</i> , 2017, 3, 3.	3.0	22
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