Jan Born

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86 381 39,307 192 h-index g-index citations papers 48,841 7.6 7.27 414 avg, IF L-index ext. citations ext. papers

#	Paper	IF	Citations
381	Multiomics Analysis Reveals the Impact of Microbiota on Host Metabolism in Hepatic Steatosis <i>Advanced Science</i> , 2022 , e2104373	13.6	3
380	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	10.3	0
379	A Gene Co-Expression Network-Based Drug Repositioning Approach Identifies Candidates for Treatment of Hepatocellular Carcinoma <i>Cancers</i> , 2022 , 14,	6.6	1
378	Anthraquinone derivatives as ADP-competitive inhibitors of liver pyruvate kinase <i>European Journal of Medicinal Chemistry</i> , 2022 , 234, 114270	6.8	0
377	Prediction of drug candidates for clear cell renal cell carcinoma using a systems biology-based drug repositioning approach <i>EBioMedicine</i> , 2022 , 78, 103963	8.8	1
376	Role of endogenous incretins in the regulation of postprandial lipoprotein metabolism <i>European Journal of Endocrinology</i> , 2022 , 187, 75-84	6.5	0
375	Modified lipid metabolism and cytosolic phospholipase A2 activation in mesangial cells under pro-inflammatory conditions <i>Scientific Reports</i> , 2022 , 12, 7322	4.9	O
374	Metabolism of Triglyceride-Rich Lipoproteins. Handbook of Experimental Pharmacology, 2021, 133	3.2	0
373	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	4.4	1
372	Combined metabolic activators therapy ameliorates liver fat in nonalcoholic fatty liver disease patients. <i>Molecular Systems Biology</i> , 2021 , 17, e10459	12.2	5
371	A network-based approach reveals the dysregulated transcriptional regulation in non-alcoholic fatty liver disease. <i>IScience</i> , 2021 , 24, 103222	6.1	2
370	Association of dietary and gut microbiota-related metabolites with calcific aortic stenosis. <i>Acta Cardiologica</i> , 2021 , 76, 544-552	0.9	3
369	Effects of liraglutide on the metabolism of triglyceride-rich lipoproteins in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1191-1201	6.7	6
368	Multi-omics approaches for revealing the complexity of cardiovascular disease. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	3
367	STE20-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	6	4
366	Relationship between de novo lipogenesis and serum sex hormone binding globulin in humans. <i>Clinical Endocrinology</i> , 2021 , 95, 101-106	3.4	3
365	Revealing the Metabolic Alterations during Biofilm Development of Based on Genome-Scale Metabolic Modeling. <i>Metabolites</i> , 2021 , 11,	5.6	1

(2021-2021)

364	The C. elegans 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	5	5
363	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	5	5
362	Silencing of STE20-type kinase MST3 in mice with antisense oligonucleotide treatment ameliorates diet-induced nonalcoholic fatty liver disease. <i>FASEB Journal</i> , 2021 , 35, e21567	0.9	5
361	iNetModels 2.0: an interactive visualization and database of multi-omics data. <i>Nucleic Acids Research</i> , 2021 , 49, W271-W276	20.1	8
360	Antibodies against apoB100 peptide 210 inhibit atherosclerosis in apoE mice. <i>Scientific Reports</i> , 2021 , 11, 9022	4.9	5
359	Informing Pharmacokinetic Models With Physiological Data: Oral Population Modeling of L-Serine in Humans. <i>Frontiers in Pharmacology</i> , 2021 , 12, 643179	5.6	О
358	Integrative transcriptomic analysis of tissue-specific metabolic crosstalk after myocardial infarction. <i>ELife</i> , 2021 , 10,	8.9	6
357	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	10.1	2
356	A genetic titration of membrane composition in Caenorhabditis elegans reveals its importance for multiple cellular and physiological traits. <i>Genetics</i> , 2021 , 219,	4	2
355	Combined Metabolic Activators Accelerates Recovery in Mild-to-Moderate COVID-19. <i>Advanced Science</i> , 2021 , 8, e2101222	13.6	11
354	Early rise in brain damage markers and high ICOS expression in CD4+ and CD8+ T cells during checkpoint inhibitor-induced encephalomyelitis 2021 , 9,		1
353	Addressing the heterogeneity in liver diseases using biological networks. <i>Briefings in Bioinformatics</i> , 2021 , 22, 1751-1766	13.4	6
352	Systems biology based drug repositioning for development of cancer therapy. <i>Seminars in Cancer Biology</i> , 2021 , 68, 47-58	12.7	28
351	Discovery of Functional Alternatively Spliced Transcripts in Human Cancers. <i>Cancers</i> , 2021 , 13,	6.6	3
350	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	9.4	9
349	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. <i>IScience</i> , 2021 , 24, 102722	6.1	2
348	Glucosylceramide synthase deficiency in the heart compromises 1 -adrenergic receptor trafficking. <i>European Heart Journal</i> , 2021 , 42, 4481-4492	9.5	5
347	Sacubitril/valsartan decreases mortality in the rat model of the isoprenaline-induced takotsubo-like syndrome. <i>ESC Heart Failure</i> , 2021 , 8, 4130-4138	3.7	1

346	Intussusceptive Angiogenesis in Human Metastatic Malignant Melanoma. <i>American Journal of Pathology</i> , 2021 , 191, 2023-2038	5.8	1
345	APRIL limits atherosclerosis by binding to heparan sulfate proteoglycans. <i>Nature</i> , 2021 , 597, 92-96	50.4	11
344	Cholesterol efflux promoting function of high-density lipoproteins in calcific aortic valve stenosis. <i>Atherosclerosis Plus</i> , 2021 , 44, 18-18		0
343	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. European Heart Journal, 2021,	9.5	35
342	Cyclic AMP-binding protein Epac1 acts as a metabolic sensor to promote cardiomyocyte lipotoxicity. <i>Cell Death and Disease</i> , 2021 , 12, 824	9.8	1
341	Testosterone reduces metabolic brown fat activity in male mice. <i>Journal of Endocrinology</i> , 2021 , 251, 83-96	4.7	1
340	Causes and Consequences of Hypertriglyceridemia. Frontiers in Endocrinology, 2020, 11, 252	5.7	46
339	Current Status of COVID-19 Therapies and Drug Repositioning Applications. <i>IScience</i> , 2020 , 23, 101303	6.1	54
338	An atlas of human metabolism. Science Signaling, 2020, 13,	8.8	78
337	Suppressed Vascular Leakage and Myocardial Edema Improve Outcome From Myocardial Infarction. <i>Frontiers in Physiology</i> , 2020 , 11, 763	4.6	4
336	Classification of clear cell renal cell carcinoma based on alternative splicing. <i>Heliyon</i> , 2020 , 6, e03440	3.6	3
335	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	3.9	6
334	Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. <i>Atherosclerosis</i> , 2020 , 294, 46-61	3.1	49
333	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	12.2	16
332	Nelfinavir Overcomes Proteasome Inhibitor Resistance in Multiple Myeloma By Modulating Membrane Lipid Bilayer Composition and Fluidity. <i>Blood</i> , 2020 , 136, 11-11	2.2	
331	Depletion of protein kinase STK25 ameliorates renal lipotoxicity and protects against diabetic kidney disease. <i>JCI Insight</i> , 2020 , 5,	9.9	7
330	Effects of TM6SF2 E167K on hepatic lipid and very low-density lipoprotein metabolism in humans. <i>JCI Insight</i> , 2020 , 5,	9.9	13
329	A systems biology approach for studying neurodegenerative diseases. <i>Drug Discovery Today</i> , 2020 , 25, 1146-1159	8.8	8

(2020-2020)

328	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	9.5	301
327	Interaction of chylomicron remnants and VLDLs during ultracentrifuge separation based on the Svedberg flotation rate - AuthorsQresponse. <i>Journal of Internal Medicine</i> , 2020 , 287, 118	10.8	
326	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	10.8	12
325	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	5.9	50
324	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	4.9	15
323	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	6.3	13
322	Applications of Genome-Wide Screening and Systems Biology Approaches in Drug Repositioning. <i>Cancers</i> , 2020 , 12,	6.6	8
321	Lack of RAC1 in macrophages protects against atherosclerosis. <i>PLoS ONE</i> , 2020 , 15, e0239284	3.7	9
320	Systems Biology Approaches to Understand the Host-Microbiome Interactions in Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2020 , 14, 716	5.1	20
319	The Roles of ApoC-III on the Metabolism of Triglyceride-Rich Lipoproteins in Humans. <i>Frontiers in Endocrinology</i> , 2020 , 11, 474	5.7	25
318	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	3.2	1
317	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins. <i>PLoS Genetics</i> , 2020 , 16, e1008975	6	6
316	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	3.5	16
315	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. <i>Lancet Diabetes and Endocrinology,the</i> , 2020 , 8, 50-67	18.1	48
314	Improvement in the Current Therapies for Hepatocellular Carcinoma Using a Systems Medicine Approach. <i>Advanced Biology</i> , 2020 , 4, e2000030	3.5	6
313	Hepatic saturated fatty acid fraction is associated with de novo lipogenesis and hepatic insulin resistance. <i>Nature Communications</i> , 2020 , 11, 1891	17.4	28
312	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins 2020 , 16, e1008975		
311	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins 2020 , 16, e1008975		

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Lack of RAC1 in macrophages protects against atherosclerosis 2020 , 15, e0239284 Lack of RAC1 in macrophages protects against atherosclerosis 2020 , 15, e0239284 Dietary Fructose and the Metabolic Syndrome. <i>Nutrients</i> , 2019 , 11, Emerging Evidence that ApoC-III Inhibitors Provide Novel Options to Reduce the Residual CVD. Current Atherosclerosis Reports, 2019 , 21, 27 Protein kinase MST3 modulates lipid homeostasis in hepatocytes and correlates with nonalcoholic steatohepatitis in humans. <i>FASEB Journal</i> , 2019 , 33, 9974-9989 Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart.	
Lack of RAC1 in macrophages protects against atherosclerosis 2020 , 15, e0239284 305 Dietary Fructose and the Metabolic Syndrome. <i>Nutrients</i> , 2019 , 11, 304 Emerging Evidence that ApoC-III Inhibitors Provide Novel Options to Reduce the Residual CVD. Current Atherosclerosis Reports, 2019 , 21, 27 42 303 Protein kinase MST3 modulates lipid homeostasis in hepatocytes and correlates with nonalcoholic steatohepatitis in humans. <i>FASEB Journal</i> , 2019 , 33, 9974-9989 Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart.	
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Current Atherosclerosis Reports, 2019, 21, 27 Protein kinase MST3 modulates lipid homeostasis in hepatocytes and correlates with nonalcoholic steatohepatitis in humans. FASEB Journal, 2019, 33, 9974-9989 Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart.	
steatohepatitis in humans. <i>FASEB Journal</i> , 2019 , 33, 9974-9989 Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart.	
Plin2-deficiency reduces lipophagy and results in increased lipid accumulation in the heart.	
³⁰² Scientific Reports, 2019 , 9, 6909 4.9 15	
$_{301}$ Vimentin is required for normal accumulation of body fat. <i>Biological Chemistry</i> , 2019 , 400, 1157-1162 $_{4.5}$ $_{8}$	
300 Targeting Filamin A Reduces Macrophage Activity and Atherosclerosis. <i>Circulation</i> , 2019 , 140, 67-79 16.7 19	
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	
Role of apolipoprotein C-III overproduction in diabetic dyslipidaemia. <i>Diabetes, Obesity and Metabolism,</i> 2019 , 21, 1861-1870	
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	
Liraglutide treatment improves postprandial lipid metabolism and cardiometabolic risk factors in humans with adequately controlled type 2 diabetes: A single-centre randomized controlled study. Diabetes, Obesity and Metabolism, 2019 , 21, 84-94	
295 The Potential Use of Metabolic Cofactors in Treatment of NAFLD. <i>Nutrients</i> , 2019 , 11, 6.7 18	
Subclinical atherosclerosis and its progression are modulated by PLIN2 through a feed-forward loop between LXR and autophagy. <i>Journal of Internal Medicine</i> , 2019 , 286, 660-675	
Systems biology perspective for studying the gut microbiota in human physiology and liver diseases. <i>EBioMedicine</i> , 2019 , 49, 364-373	

(2018-2019)

292	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	5.8	3
291	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	5.6	69
2 90	Human adipose tissue microvascular endothelial cells secrete PPARIligands and regulate adipose tissue lipid uptake. <i>JCI Insight</i> , 2019 , 4,	9.9	19
289	Evolutionarily conserved long-chain Acyl-CoA synthetases regulate membrane composition and fluidity. <i>ELife</i> , 2019 , 8,	8.9	12
288	Disturbed Laminar Blood Flow Causes Impaired Fibrinolysis and Endothelial Fibrin Deposition In Vivo. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 223-233	7	5
287	Crosstalk between nonalcoholic fatty liver disease and cardiometabolic syndrome. <i>Obesity Reviews</i> , 2019 , 20, 599-611	10.6	38
286	Characterization of heterogeneous redox responses in hepatocellular carcinoma patients using network analysis. <i>EBioMedicine</i> , 2019 , 40, 471-487	8.8	29
285	Pyruvate kinase L/R is a regulator of lipid metabolism and mitochondrial function. <i>Metabolic Engineering</i> , 2019 , 52, 263-272	9.7	17
284	In vivo genome and base editing of a human PCSK9 knock-in hypercholesterolemic mouse model. <i>BMC Biology</i> , 2019 , 17, 4	7.3	34
283	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-	678	20
282	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	6.5	1
281	Localised lipid accumulation detected in infarcted mouse heart tissue using ToF-SIMS. <i>International Journal of Mass Spectrometry</i> , 2019 , 437, 77-86	1.9	19
280	Sulfatide isoform pattern in cerebrospinal fluid discriminates progressive MS from relapsing-remitting MS. <i>Journal of Neurochemistry</i> , 2018 , 146, 322-332	6	7
279	Systems biology in hepatology: approaches and applications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018 , 15, 365-377	24.2	70
278	Broad Views of Non-alcoholic Fatty Liver Disease. <i>Cell Systems</i> , 2018 , 6, 7-9	10.6	8
277	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	24.6	189
276	Elevated Plasma Levels of 3-Hydroxyisobutyric Acid Are Associated With Incident Type 2 Diabetes. <i>EBioMedicine</i> , 2018 , 27, 151-155	8.8	30
275	New prospects for PCSK9 inhibition?. European Heart Journal, 2018, 39, 2600-2601	9.5	9

274	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	9.5	132
273	TCSBN: a database of tissue and cancer specific biological networks. <i>Nucleic Acids Research</i> , 2018 , 46, D595-D600	20.1	34
272	Drug Repositioning for Effective Prostate Cancer Treatment. Frontiers in Physiology, 2018 , 9, 500	4.6	43
271	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, 2562-25	5 7 3 ⁵	72
270	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	4.9	16
269	Impact of Gut Microbiota and Diet on the Development of Atherosclerosis in Apoe Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> 2018 , 38, 2318-2326	9.4	79
268	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	3.1	69
267	Membrane fluidity is regulated by the transmembrane protein FLD-1 and its human homologs TLCD1/2. <i>ELife</i> , 2018 , 7,	8.9	17
266	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	6	23
265	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	11.5	71
264	Vimentin deficiency in macrophages induces increased oxidative stress and vascular inflammation but attenuates atherosclerosis in mice. <i>Scientific Reports</i> , 2018 , 8, 16973	4.9	25
263	Characterization of different fat depots in NAFLD using inflammation-associated proteome, lipidome and metabolome. <i>Scientific Reports</i> , 2018 , 8, 14200	4.9	20
262	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	6	43
261	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	1.2	3
260	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	4.9	24
259	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	5.5	124
258	STK25 regulates oxidative capacity and metabolic efficiency in adipose tissue. <i>Journal of Endocrinology</i> , 2018 , 238, 187-202	4.7	10
257	STK25 Regulates Cardiovascular Disease Progression in a Mouse Model of Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018 , 38, 1723-1737	9.4	7

(2017-2017)

256	Systems Biology of Metabolism: A Driver for Developing Personalized and Precision Medicine. <i>Cell Metabolism</i> , 2017 , 25, 572-579	24.6	98
255	Personal model-assisted identification of NAD and glutathione metabolism as intervention target in NAFLD. <i>Molecular Systems Biology</i> , 2017 , 13, 916	12.2	92
254	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	9.5	1267
253	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	10.8	63
252	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	4.5	13
251	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	10.3	25
250	Efficient protein production by yeast requires global tuning of metabolism. <i>Nature Communications</i> , 2017 , 8, 1131	17.4	45
249	Depletion of ATP and glucose in advanced human atherosclerotic plaques. <i>PLoS ONE</i> , 2017 , 12, e01788	7 3 .7	5
248	The adiponectin receptor AdipoR2 and its Caenorhabditis elegans homolog PAQR-2 prevent membrane rigidification by exogenous saturated fatty acids. <i>PLoS Genetics</i> , 2017 , 13, e1007004	6	23
247	Kinetics of plasma triglycerides in abdominal obesity. <i>Current Opinion in Lipidology</i> , 2017 , 28, 11-18	4.4	38
246	Network analyses identify liver-specific targets for treating liver diseases. <i>Molecular Systems Biology</i> , 2017 , 13, 938	12.2	71
245	Intimal hyperplasia induced by vascular intervention causes lipoprotein retention and accelerated atherosclerosis. <i>Physiological Reports</i> , 2017 , 5, e13334	2.6	20
244	Improving the economics of NASH/NAFLD treatment through the use of systems biology. <i>Drug Discovery Today</i> , 2017 , 22, 1532-1538	8.8	16
243	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. <i>Cell Metabolism</i> , 2017 , 26, 281-283	24.6	56
242	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	3.1	5
241	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	5.6	13
240	Predicting growth of the healthy infant using a genome scale metabolic model. <i>Npj Systems Biology and Applications</i> , 2017 , 3, 3	5	18
239	New Challenges to Study Heterogeneity in Cancer Redox Metabolism. <i>Frontiers in Cell and Developmental Biology</i> , 2017 , 5, 65	5.7	38

238	High-throughput analysis of sulfatides in cerebrospinal fluid using automated extraction and UPLC-MS/MS. <i>Journal of Lipid Research</i> , 2017 , 58, 1482-1489	6.3	10
237	STK25 is a critical determinant in nonalcoholic steatohepatitis. <i>FASEB Journal</i> , 2016 , 30, 3628-3643	0.9	30
236	Triglyceride-rich lipoprotein metabolism in women: roles of apoC-II and apoC-III. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 730-6	4.6	6
235	Perilipin 5 is protective in the ischemic heart. <i>International Journal of Cardiology</i> , 2016 , 219, 446-54	3.2	29
234	Protein kinase STK25 controls lipid partitioning in hepatocytes and correlates with liver fat content in humans. <i>Diabetologia</i> , 2016 , 59, 341-53	10.3	29
233	Integrated Network Analysis Reveals an Association between Plasma Mannose Levels and Insulin Resistance. <i>Cell Metabolism</i> , 2016 , 24, 172-84	24.6	105
232	Fasting is not routinely required for determination of a lipid profile: clinical and laboratory implications including flagging at desirable concentration cut-points-a joint consensus statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and	9.5	353
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4	Pulse-chase studies of the synthesis of apolipoprotein B in a human hepatoma cell line, Hep G2. <i>FEBS Journal</i> , 1985 , 149, 461-6	42
3	Integrative transcriptomic analysis of tissue-specific metabolic crosstalk after myocardial infarction	1
2	iNetModels 2.0: an interactive visualization and database of multi-omics data	1
1	RMetD2: a tool for integration of relative transcriptomics data into Genome-scale metabolic models	1