

# Bart Staels

## List of Publications by Year in descending order

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Version: 2024-02-01

796  
papers

87,669  
citations

235

149  
h-index

636

264  
g-index

830  
all docs

830  
docs citations

830  
times ranked

80654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apolipoprotein F is reduced in humans with steatosis and controls plasma triglyceride-rich lipoprotein metabolism. <i>Hepatology</i> , 2023, 77, 1287-1302.	3.6	3
2	Integrative study of diet-induced mouse models of NAFLD identifies PPAR $\alpha$ as a sexually dimorphic drug target. <i>Gut</i> , 2022, 71, 807-821.	6.1	26
3	Bile acids contribute to the development of non-alcoholic steatohepatitis in mice. <i>JHEP Reports</i> , 2022, 4, 100387.	2.6	28
4	Synthesis and biological studies of $\alpha$ -Polycerasoidol and $\alpha$ -trans- $\beta$ -Tocotrienolic acid derivatives as PPAR $\alpha$ and/or PPAR $\beta$ agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 53, 116532.	1.4	5
5	Identification of indole-based activators of insulin degrading enzyme. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 113982.	2.6	3
6	Posttranscriptional Regulation of the Human LDL Receptor by the U2-Spliceosome. <i>Circulation Research</i> , 2022, 130, 80-95.	2.0	9
7	Enterocyte superoxide dismutase 2 deletion drives obesity. <i>IScience</i> , 2022, 25, 103707.	1.9	4
8	Innovative transdermal delivery of insulin using gelatin methacrylate-based microneedle patches in mice and mini-pigs. <i>Nanoscale Horizons</i> , 2022, 7, 174-184.	4.1	21
9	The Circadian Clock and Obesity. <i>Handbook of Experimental Pharmacology</i> , 2022, , 29-56.	0.9	2
10	The conundrum of the functional relationship between transcription factors and chromatin. <i>Epigenomics</i> , 2022, , .	1.0	0
11	Enterohepatic, Gluco-metabolic, and Gut Microbial Characterization of Individuals With Bile Acid Malabsorption. , 2022, 1, 299-312.		5
12	Circulating Monocyte Subsets and Transcatheter Aortic Valve Replacement. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5303.	1.8	4
13	Diabetes mellitus and cardiovascular mortality across the spectrum of aortic stenosis. <i>Heart</i> , 2022, 108, 1815-1821.	1.2	6
14	Enterohepatic Takeda G-Protein Coupled Receptor 5 Agonism in Metabolic Dysfunction-Associated Fatty Liver Disease and Related Glucose Dysmetabolism. <i>Nutrients</i> , 2022, 14, 2707.	1.7	8
15	Hepatic Molecular Signatures Highlight the Sexual Dimorphism of Nonalcoholic Steatohepatitis (NASH). <i>Hepatology</i> , 2021, 73, 920-936.	3.6	39
16	Deletion of fibroblast activation protein provides atheroprotection. <i>Cardiovascular Research</i> , 2021, 117, 1060-1069.	1.8	20
17	Association of 1-deoxy-sphingolipids with steatosis but not steatohepatitis nor fibrosis in non-alcoholic fatty liver disease. <i>Acta Diabetologica</i> , 2021, 58, 319-327.	1.2	4
18	Apolipoprotein A5 controls fructose-induced metabolic dysregulation in mice. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 972-978.	1.1	3

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19	NASH-related increases in plasma bile acid levels depend on insulin resistance. <i>JHEP Reports</i> , 2021, 3, 100222.	2.6	24
20	Beyond the Rule of 5: Impact of PEGylation with Various Polymer Sizes on Pharmacokinetic Properties, Structure-Properties Relationships of mPEGylated Small Agonists of TGR5 Receptor. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1593-1610.	2.9	9
21	Cholangiopathy and Biliary Fibrosis in Cyp2c70-Deficient Mice Are Fully Reversed by Ursodeoxycholic Acid. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1045-1069.	2.3	31
22	Alterations in Rev-ERB $\beta$ /BMAL1 ratio and glycosylated hemoglobin in rotating shift workers: the EuRhythDia study. <i>Acta Diabetologica</i> , 2021, 58, 1111-1117.	1.2	22
23	Light therapy improves diurnal blood pressure control in night shift workers via reduction of catecholamines: the EuRhythDia study. <i>Journal of Hypertension</i> , 2021, 39, 1678-1688.	0.3	11
24	Characterization of one anastomosis gastric bypass and impact of biliary and common limbs on bile acid and postprandial glucose metabolism in a minipig model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E772-E783.	1.8	8
25	IFN $\beta$ -producing NK cells in adipose tissue are associated with hyperglycemia and insulin resistance in obese women. <i>International Journal of Obesity</i> , 2021, 45, 1607-1617.	1.6	8
26	Day-Time Declamping Is Associated with Better Outcomes in Kidney Transplantation: The Circarein Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2322.	1.0	8
27	Vascular Endothelial Damage in the Pathogenesis of Organ Injury in Severe COVID-19. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1760-1773.	1.1	82
28	PPARs in liver physiology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166097.	1.8	33
29	PPAR control of metabolism and cardiovascular functions. <i>Nature Reviews Cardiology</i> , 2021, 18, 809-823.	6.1	299
30	A randomized placebo-controlled trial of elafibranor in patients with primary biliary cholangitis and incomplete response to UDCA. <i>Journal of Hepatology</i> , 2021, 74, 1344-1354.	1.8	77
31	Why is elevation of serum cholesterol associated with exposure to perfluoroalkyl substances (PFAS) in humans? A workshop report on potential mechanisms. <i>Toxicology</i> , 2021, 459, 152845.	2.0	40
32	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021, 33, 1483-1492.e10.	7.2	79
33	Regulation of PPAR $\alpha$ by APP in Alzheimer disease affects the pharmacological modulation of synaptic activity. <i>JCI Insight</i> , 2021, 6, .	2.3	8
34	Hepatic sexual dimorphism " implications for non-alcoholic fatty liver disease. <i>Nature Reviews Endocrinology</i> , 2021, 17, 662-670.	4.3	41
35	The ALGOVUE Clinical Trial: Effects of the Daily Consumption of Eggs Enriched with Lutein and Docosahexaenoic Acid on Plasma Composition and Macular Pigment Optical Density. <i>Nutrients</i> , 2021, 13, 3347.	1.7	9
36	An optimized protocol with a stepwise approach to identify specific nuclear receptor ligands from cultured mammalian cells. <i>STAR Protocols</i> , 2021, 2, 100658.	0.5	2

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37	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.	1.0	303
38	Intestine-liver crosstalk in Type 2 Diabetes and non-alcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2021, 123, 154844.	1.5	20
39	Synthesis of 2-Prenylated Alkoxyated Benzopyrans by Horner-Wadsworth-Emmons Olefination with PPAR $\alpha$ Agonist Activity. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1783-1786.	1.3	5
40	Lipidomics and metabolomics signatures of SARS-CoV-2 mediators/receptors in peripheral leukocytes, jejunum and colon. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6080-6089.	1.9	7
41	The hepatic compensatory response to elevated systemic sulfide promotes diabetes. <i>Cell Reports</i> , 2021, 37, 109958.	2.9	9
42	Farnesoid X Receptor Activation in Brain Alters Brown Adipose Tissue Function via the Sympathetic System. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 808603.	1.4	9
43	Peroxisomal $\beta$ -oxidation acts as a sensor for intracellular fatty acids and regulates lipolysis. <i>Nature Metabolism</i> , 2021, 3, 1648-1661.	5.1	70
44	Electrothermal patches driving the transdermal delivery of insulin. <i>Nanoscale Horizons</i> , 2020, 5, 663-670.	4.1	30
45	Interindividual Heterogeneity of SGLT2 Expression and Function in Human Pancreatic Islets. <i>Diabetes</i> , 2020, 69, 902-914.	0.3	42
46	Bile acids associate with glucose metabolism, but do not predict conversion from impaired fasting glucose to diabetes. <i>Metabolism: Clinical and Experimental</i> , 2020, 103, 154042.	1.5	21
47	Control of Cell Identity by the Nuclear Receptor HNF4 in Organ Pathophysiology. <i>Cells</i> , 2020, 9, 2185.	1.8	40
48	Timed physical exercise does not influence circadian rhythms and glucose tolerance in rotating night shift workers: The EuRhythDia study. <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916412095061.	0.9	8
49	CDKN2A/p16INK4a suppresses hepatic fatty acid oxidation through the AMPK $\alpha$ -SIRT1-PPAR $\alpha$ signaling pathway. <i>Journal of Biological Chemistry</i> , 2020, 295, 17310-17322.	1.6	17
50	Dysregulated lipid metabolism links NAFLD to cardiovascular disease. <i>Molecular Metabolism</i> , 2020, 42, 101092.	3.0	197
51	A blood-based biomarker panel (NIS4) for non-invasive diagnosis of non-alcoholic steatohepatitis and liver fibrosis: a prospective derivation and global validation study. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 970-985.	3.7	142
52	Endotheliopathy Is Induced by Plasma From Critically Ill Patients and Associated With Organ Failure in Severe COVID-19. <i>Circulation</i> , 2020, 142, 1881-1884.	1.6	69
53	GIANT: galaxy-based tool for interactive analysis of transcriptomic data. <i>Scientific Reports</i> , 2020, 10, 19835.	1.6	11
54	Deletion of the nuclear receptor ROR $\alpha$ in macrophages does not modify the development of obesity, insulin resistance and NASH. <i>Scientific Reports</i> , 2020, 10, 21095.	1.6	6

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55	Saturated Fatty Acids Promote GDF15 Expression in Human Macrophages through the PERK/eIF2/CHOP Signaling Pathway. <i>Nutrients</i> , 2020, 12, 3771.	1.7	14
56	Altered PPAR $\beta$ Expression Promotes Myelin-Induced Foam Cell Formation in Macrophages in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9329.	1.8	16
57	Human Aortic Valve Interstitial Cells Display Proangiogenic Properties During Calcific Aortic Valve Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, 415-429.	1.1	12
58	Perspectives on the use of super-enhancers as a defining feature of cell/tissue-identity genes. <i>Epigenomics</i> , 2020, 12, 715-723.	1.0	5
59	Incretin combination therapy for the treatment of non-alcoholic steatohepatitis. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1328-1338.	2.2	26
60	Cross-omics analysis revealed gut microbiome-related metabolic pathways underlying atherosclerosis development after antibiotics treatment. <i>Molecular Metabolism</i> , 2020, 36, 100976.	3.0	46
61	Analysis of the association of MPO and MMP-9 with stroke severity and outcome. <i>Neurology</i> , 2020, 95, e97-e108.	1.5	42
62	Pirfenidone Is an Agonistic Ligand for PPAR $\alpha$ and Improves NASH by Activation of SIRT1/LKB1/pAMPK. <i>Hepatology Communications</i> , 2020, 4, 434-449.	2.0	33
63	Differential unfolded protein response in skeletal muscle from non-diabetic glucose tolerant or intolerant patients with obesity before and after bariatric surgery. <i>Acta Diabetologica</i> , 2020, 57, 819-826.	1.2	1
64	Microbiome Modulation of the Host Adaptive Immunity through Bile Acid Modification. <i>Cell Metabolism</i> , 2020, 31, 445-447.	7.2	22
65	The nuclear receptor FXR inhibits Glucagon-Like Peptide-1 secretion in response to microbiota-derived Short-Chain Fatty Acids. <i>Scientific Reports</i> , 2020, 10, 174.	1.6	45
66	Effect of 6-Benzoyl-benzothiazol-2-one scaffold on the pharmacological profile of $\beta$ -alkoxyphenylpropionic acid derived PPAR agonists. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 524-538.	2.5	4
67	Sirt6 deletion in bone marrow-derived cells increases atherosclerosis – Central role of macrophage scavenger receptor 1. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 139, 24-32.	0.9	26
68	Clinical significance of electrocardiographic markers of myocardial damage prior to aortic valve replacement. <i>International Journal of Cardiology</i> , 2020, 307, 130-135.	0.8	10
69	Hepatic saturated fatty acid fraction is associated with de novo lipogenesis and hepatic insulin resistance. <i>Nature Communications</i> , 2020, 11, 1891.	5.8	63
70	Plasma BCAA Changes in Patients With NAFLD Are Sex Dependent. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2311-2321.	1.8	39
71	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. <i>Molecular Systems Biology</i> , 2020, 16, e9156.	3.2	22
72	Obesity Paradox in the Clinical Significance of Effective Prosthetic Orifice Area After Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 208-210.	2.3	14

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73	The GLP1R Agonist Liraglutide Reduces Hyperglucagonemia Induced by the SGLT2 Inhibitor Dapagliflozin via Somatostatin Release. <i>Cell Reports</i> , 2019, 28, 1447-1454.e4.	2.9	25
74	Mathematical models converge on PGC1 $\beta$ as the key metabolic integrator of SIRT1 and AMPK regulation of the circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13171-13172.	3.3	7
75	FXR overexpression alters adipose tissue architecture in mice and limits its storage capacity leading to metabolic derangements. <i>Journal of Lipid Research</i> , 2019, 60, 1547-1561.	2.0	19
76	Glycogen Dynamics Drives Lipid Droplet Biogenesis during Brown Adipocyte Differentiation. <i>Cell Reports</i> , 2019, 29, 1410-1418.e6.	2.9	31
77	Transcription profiling in the liver of undernourished male rat offspring reveals altered lipid metabolism pathways and predisposition to hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1094-E1107.	1.8	6
78	Mechanisms Underlying the Functional Cooperation Between PPAR $\beta$ and GR $\beta$ to Attenuate Inflammatory Responses. <i>Frontiers in Immunology</i> , 2019, 10, 1769.	2.2	12
79	Brain insulin response and peripheral metabolic changes in a Tau transgenic mouse model. <i>Neurobiology of Disease</i> , 2019, 125, 14-22.	2.1	16
80	Hepatic PPAR $\beta$ is critical in the metabolic adaptation to sepsis. <i>Journal of Hepatology</i> , 2019, 70, 963-973.	1.8	53
81	Near-infrared light activatable hydrogels for metformin delivery. <i>Nanoscale</i> , 2019, 11, 15810-15820.	2.8	30
82	Hepatic transcriptomic signatures of statin treatment are associated with impaired glucose homeostasis in severely obese patients. <i>BMC Medical Genomics</i> , 2019, 12, 80.	0.7	22
83	Transcriptional network analysis implicates altered hepatic immune function in NASH development and resolution. <i>Nature Metabolism</i> , 2019, 1, 604-614.	5.1	102
84	FRI-355-Elafibranor, a drug candidate for first line NASH monotherapy and a universal backbone for drug combination treatment. <i>Journal of Hepatology</i> , 2019, 70, e551.	1.8	2
85	Metabolic and Innate Immune Cues Merge into a Specific Inflammatory Response via the UPR. <i>Cell</i> , 2019, 177, 1201-1216.e19.	13.5	100
86	Dietary Sargassum fusiforme improves memory and reduces amyloid plaque load in an Alzheimer's disease mouse model. <i>Scientific Reports</i> , 2019, 9, 4908.	1.6	51
87	The circadian clock and liver function in health and disease. <i>Journal of Hepatology</i> , 2019, 71, 200-211.	1.8	128
88	Liver-specific ROR $\beta$ deletion does not affect the metabolic susceptibility to western style diet feeding. <i>Molecular Metabolism</i> , 2019, 23, 82-87.	3.0	4
89	Hepatocyte-specific loss of GPS2 in mice reduces non-alcoholic steatohepatitis via activation of PPAR $\beta$ . <i>Nature Communications</i> , 2019, 10, 1684.	5.8	48
90	Understanding lipid metabolism through hepatic steat-omics. <i>Nature Reviews Endocrinology</i> , 2019, 15, 321-322.	4.3	1

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91	The LPS/D-Galactosamine-Induced Fulminant Hepatitis Model to Assess the Role of Ligand-Activated Nuclear Receptors on the NLRP3 Inflammasome Pathway In Vivo. <i>Methods in Molecular Biology</i> , 2019, 1951, 189-207.	0.4	7
92	Synthesis of benzopyran derivatives as PPAR $\alpha$ and/or PPAR $\beta$ activators. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115162.	1.4	6
93	Bile acid alterations in nonalcoholic fatty liver disease, obesity, insulin resistance and type 2 diabetes: what do the human studies tell?. <i>Current Opinion in Lipidology</i> , 2019, 30, 244-254.	1.2	39
94	ATF6 $\alpha$ downregulation of PPAR $\alpha$ promotes lipotoxicity-induced tubulointerstitial fibrosis. <i>Kidney International</i> , 2019, 95, 577-589.	2.6	86
95	Epicardial fat amount is associated with the magnitude of left ventricular remodeling in aortic stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 267-273.	0.7	13
96	Keratinocyte Expression of A20/TNFAIP3 Controls Skin Inflammation Associated with Atopic Dermatitis and Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 135-145.	0.3	42
97	Sex-regulated gene dosage effect of PPAR $\alpha$ on synaptic plasticity. <i>Life Science Alliance</i> , 2019, 2, e201800262.	1.3	16
98	Nuclear Receptor Subfamily 1 Group D Member 1 Regulates Circadian Activity of NLRP3 Inflammasome to Reduce the Severity of Fulminant Hepatitis in Mice. <i>Gastroenterology</i> , 2018, 154, 1449-1464.e20.	0.6	144
99	Increased Hepatic PDGF-AA Signaling Mediates Liver Insulin Resistance in Obesity-Associated Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1310-1321.	0.3	64
100	Targeting the gut microbiota with inulin-type fructans: preclinical demonstration of a novel approach in the management of endothelial dysfunction. <i>Gut</i> , 2018, 67, 271-283.	6.1	150
101	Daytime variation of perioperative myocardial injury in cardiac surgery and its prevention by Rev-Erbs antagonism: a single-centre propensity-matched cohort study and a randomised study. <i>Lancet</i> , The, 2018, 391, 59-69.	6.3	244
102	Risperidone-induced metabolic dysfunction is attenuated by Curcuma longa extract administration in mice. <i>Metabolic Brain Disease</i> , 2018, 33, 63-77.	1.4	11
103	Organizing combinatorial transcription factor recruitment at cis-regulatory modules. <i>Transcription</i> , 2018, 9, 233-239.	1.7	10
104	Combinatorial regulation of hepatic cytoplasmic signaling and nuclear transcriptional events by the OGT/REV-ERB complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11033-E11042.	3.3	35
105	Heart failure and diabetes: metabolic alterations and therapeutic interventions: a state-of-the-art review from the Translational Research Committee of the Heart Failure Association "European Society of Cardiology. <i>European Heart Journal</i> , 2018, 39, 4243-4254.	1.0	171
106	Time to Check the Clock in Cardiovascular Research and Medicine. <i>Circulation Research</i> , 2018, 123, 648-650.	2.0	12
107	Retinoids Issued from Hepatic Stellate Cell Lipid Droplet Loss as Potential Signaling Molecules Orchestrating a Multicellular Liver Injury Response. <i>Cells</i> , 2018, 7, 137.	1.8	30
108	Circulating PCSK9 levels are not associated with the severity of hepatic steatosis and NASH in a high-risk population. <i>Atherosclerosis</i> , 2018, 278, 82-90.	0.4	27

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109	Daytime variations in perioperative myocardial injury – Authors' reply. <i>Lancet, The</i> , 2018, 391, 2106.	6.3	0
110	Molecular Actions of PPAR $\alpha$ in Lipid Metabolism and Inflammation. <i>Endocrine Reviews</i> , 2018, 39, 760-802.	8.9	420
111	Peri-operative acute kidney injury upon cardiac surgery time-of-day. <i>International Journal of Cardiology</i> , 2018, 272, 54-59.	0.8	9
112	The Nuclear Receptor Rev-erb $\alpha$ Controls the Development of Vascular Calcification. <i>Atherosclerosis Supplements</i> , 2018, 32, 107.	1.2	0
113	The nuclear bile acid receptor FXR is a PKA- and FOXA2-sensitive activator of fasting hepatic gluconeogenesis. <i>Journal of Hepatology</i> , 2018, 69, 1099-1109.	1.8	40
114	Circadian misalignment induces fatty acid metabolism gene profiles and compromises insulin sensitivity in human skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7789-7794.	3.3	138
115	A deep-learning approach for pattern recognition allows rapid and reproducible quantification of histological NASH parameters: Integration into the QuPath platform. <i>Journal of Hepatology</i> , 2018, 68, S123.	1.8	3
116	Arterial Pulsatility and Circulating von Willebrand Factor in Patients on Mechanical Circulatory Support. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2106-2118.	1.2	86
117	MuscleJ: a high-content analysis method to study skeletal muscle with a new Fiji tool. <i>Skeletal Muscle</i> , 2018, 8, 25.	1.9	105
118	Endospanin-2 enhances skeletal muscle energy metabolism and running endurance capacity. <i>JCI Insight</i> , 2018, 3, .	2.3	4
119	Alternative macrophages in atherosclerosis: not always protective!. <i>Journal of Clinical Investigation</i> , 2018, 128, 910-912.	3.9	37
120	Development and implementation of a cell-based assay to discover agonists of the nuclear receptor REV-ERB $\alpha$ . <i>Journal of Biological Methods</i> , 2018, 5, e94.	1.0	10
121	Rev-erb $\alpha$ : une cible thérapeutique contre la perte de masse musculaire ?. <i>Les Cahiers De Myologie</i> , 2018, , 43-44.	0.0	0
122	Roux-en-Y gastric bypass increases systemic but not portal bile acid concentrations by decreasing hepatic bile acid uptake in minipigs. <i>International Journal of Obesity</i> , 2017, 41, 664-668.	1.6	21
123	Topical ivermectin improves allergic skin inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1212-1221.	2.7	44
124	The Sodium-Glucose Cotransporter 2 Inhibitor Dapagliflozin Prevents Cardiomyopathy in a Diabetic Lipodystrophic Mouse Model. <i>Diabetes</i> , 2017, 66, 1030-1040.	0.3	119
125	Inactivation of the Nuclear Orphan Receptor COUP-TFII by Small Chemicals. <i>ACS Chemical Biology</i> , 2017, 12, 654-663.	1.6	13
126	Bile Acid Control of Metabolism and Inflammation in Obesity, Type 2 Diabetes, Dyslipidemia, and Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2017, 152, 1679-1694.e3.	0.6	630



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127	Anacetrapib, but not evacetrapib, impairs endothelial function in CETP-transgenic mice in spite of marked HDL-C increase. <i>Atherosclerosis</i> , 2017, 257, 186-194.	0.4	17
128	The logic of transcriptional regulator recruitment architecture at cis-regulatory modules controlling liver functions. <i>Genome Research</i> , 2017, 27, 985-996.	2.4	22
129	Human Alternative Macrophages Populate Calcified Areas of Atherosclerotic Lesions and Display Impaired RANKL-Induced Osteoclastic Bone Resorption Activity. <i>Circulation Research</i> , 2017, 121, 19-30.	2.0	76
130	Topical Intestinal Aminoimidazole Agonists of G-Protein-Coupled Bile Acid Receptor 1 Promote Glucagon Like Peptide-1 Secretion and Improve Glucose Tolerance. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4185-4211.	2.9	48
131	Anti-diabetic activity of fused PPAR $\beta$ -SIRT1 ligands with limited body-weight gain by mimicking calorie restriction and decreasing SGK1 expression. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 310-326.	2.6	7
132	Mitochondria and endoplasmic reticulum: Targets for a better insulin sensitivity in skeletal muscle?. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 901-916.	1.2	13
133	Cardiovascular Protection by Sodium Glucose Cotransporter 2 Inhibitors: Potential Mechanisms. <i>American Journal of Cardiology</i> , 2017, 120, S28-S36.	0.7	45
134	Drug repurposing screen identifies novel small molecule compounds with potent antifibrotic properties. <i>Journal of Hepatology</i> , 2017, 66, S605.	1.8	4
135	The PPAR $\alpha$ -regulated dermatopontin is an important contributor to the liver fibrotic response in mouse models and has relevance to fibrosis progression in non-alcoholic fatty liver disease patients. <i>Journal of Hepatology</i> , 2017, 66, S165.	1.8	0
136	Paired biopsy analysis of human liver transcriptome before and 1 year after bariatric surgery identifies a restricted set of inflammation- and extracellular matrix-related genes as pivotal in NASH and fibrosis pathogenesis. <i>Journal of Hepatology</i> , 2017, 66, S593-S594.	1.8	0
137	Cardiovascular Protection by Sodium Glucose Cotransporter 2 Inhibitors: Potential Mechanisms. <i>American Journal of Medicine</i> , 2017, 130, S30-S39.	0.6	56
138	Leptin induces osteoblast differentiation of human valvular interstitial cells via the Akt and ERK pathways. <i>Acta Diabetologica</i> , 2017, 54, 551-560.	1.2	20
139	PPAR $\beta$ in macrophages and atherosclerosis. <i>Biochimie</i> , 2017, 136, 59-64.	1.3	26
140	DHA-derived oxylipins, neuroprostanes and protectins, differentially and dose-dependently modulate the inflammatory response in human macrophages: Putative mechanisms through PPAR activation. <i>Free Radical Biology and Medicine</i> , 2017, 103, 146-154.	1.3	42
141	The RBM14/CoAA-interacting, long intergenic non-coding RNA Paral1 regulates adipogenesis and coactivates the nuclear receptor PPAR $\beta$ . <i>Scientific Reports</i> , 2017, 7, 14087.	1.6	33
142	Fasting the Microbiota to Improve Metabolism?. <i>Cell Metabolism</i> , 2017, 26, 584-585.	7.2	9
143	Role of the nuclear receptor Rev-erb- $\alpha$ in the development of vascular calcification. <i>Atherosclerosis</i> , 2017, 263, e19.	0.4	0
144	375 Psoriasis-like inflammation in K14PPAR $\beta$ transgenic mice selectively overexpressing PPAR $\beta$ in keratinocytes. <i>Journal of Investigative Dermatology</i> , 2017, 137, S256.	0.3	0

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145	The tumour suppressor CDKN2A/p16INK4a regulates adipogenesis and bone marrow-dependent development of perivascular adipose tissue. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 516-524.	0.9	16
146	Ffar2 expression regulates leukaemic cell growth in vivo. <i>British Journal of Cancer</i> , 2017, 117, 1336-1340.	2.9	12
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