

Sophie Lestavel

List of Publications by Citations

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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.

45
papers

3,171
citations

26
h-index

46
g-index

46
ext. papers

3,485
ext. citations

7.7
avg, IF

4.09
L-index

#	Paper	IF	Citations
45	PPAR-alpha and PPAR-gamma activators induce cholesterol removal from human macrophage foam cells through stimulation of the ABCA1 pathway. <i>Nature Medicine</i> , 2001 , 7, 53-8	50.5	956
44	Farnesoid X receptor deficiency improves glucose homeostasis in mouse models of obesity. <i>Diabetes</i> , 2011 , 60, 1861-71	0.9	219
43	Farnesoid X receptor inhibits glucagon-like peptide-1 production by enteroendocrine L cells. <i>Nature Communications</i> , 2015 , 6, 7629	17.4	202
42	Role of serum amyloid A during metabolism of acute-phase HDL by macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 763-72	9.4	200
41	Reduced cholesterol absorption upon PPARdelta activation coincides with decreased intestinal expression of NPC1L1. <i>Journal of Lipid Research</i> , 2005 , 46, 526-34	6.3	147
40	Niemann-Pick C1 like 1 gene expression is down-regulated by LXR activators in the intestine. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 340, 1259-63	3.4	135
39	Beneficial effects of exercise in a transgenic mouse model of Alzheimer's disease-like Tau pathology. <i>Neurobiology of Disease</i> , 2011 , 43, 486-94	7.5	111
38	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	19.2	100
37	Peroxisome proliferator-activated receptor alpha reduces cholesterol esterification in macrophages. <i>Circulation Research</i> , 2003 , 92, 212-7	15.7	99
36	Liver X receptor activation controls intracellular cholesterol trafficking and esterification in human macrophages. <i>Circulation Research</i> , 2005 , 97, 682-9	15.7	98
35	The novel selective PPAR γ modulator (SPPARM) γ pemafibrate improves dyslipidemia, enhances reverse cholesterol transport and decreases inflammation and atherosclerosis. <i>Atherosclerosis</i> , 2016 , 249, 200-8	3.1	78
34	The RXR agonist bexarotene improves cholesterol homeostasis and inhibits atherosclerosis progression in a mouse model of mixed dyslipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2731-7	9.4	59
33	Bile Acid Alterations Are Associated With Insulin Resistance, but Not With NASH, in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3783-3794	5.6	55
32	Rexinoid bexarotene modulates triglyceride but not cholesterol metabolism via gene-specific permissivity of the RXR/LXR heterodimer in the liver. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1488-95	9.4	55
31	Peroxisome proliferator-activated receptor alpha controls cellular cholesterol trafficking in macrophages. <i>Journal of Lipid Research</i> , 2005 , 46, 2717-25	6.3	55
30	Influence of Roux-en-Y gastric bypass on plasma bile acid profiles: a comparative study between rats, pigs and humans. <i>International Journal of Obesity</i> , 2016 , 40, 1260-7	5.5	46
29	PPAR γ activation induces enteroendocrine L cell GLP-1 production. <i>Gastroenterology</i> , 2011 , 140, 1564-74	13.3	44

28	Apolipoprotein All enrichment of HDL enhances their affinity for class B type I scavenger receptor but inhibits specific cholesteryl ester uptake. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1074-81	9.4	44
27	Lipid free apolipoprotein E binds to the class B Type I scavenger receptor I (SR-BI) and enhances cholesteryl ester uptake from lipoproteins. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36092-9	5.4	37
26	Activation of intestinal peroxisome proliferator-activated receptor- α increases high-density lipoprotein production. <i>European Heart Journal</i> , 2013 , 34, 2566-74	9.5	36
25	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	8.3	35
24	Reconstitution of hepatitis C virus envelope glycoproteins into liposomes as a surrogate model to study virus attachment. <i>Journal of Biological Chemistry</i> , 2002 , 277, 20625-30	5.4	34
23	Liver X Receptor Regulates Triglyceride Absorption Through Intestinal Down-regulation of Scavenger Receptor Class B, Type 1. <i>Gastroenterology</i> , 2016 , 150, 650-8	13.3	30
22	Liver X receptor activation induces the uptake of cholesteryl esters from high density lipoproteins in primary human macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2288-95	9.4	28
21	Intestine-specific regulation of PPAR α gene transcription by liver X receptors. <i>Endocrinology</i> , 2008 , 149, 5128-35	4.8	27
20	Daily melatonin supplementation in mice increases atherosclerosis in proximal aorta. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 293, 1114-23	3.4	27
19	SR-BI does not require raft/caveola localisation for cholesteryl ester selective uptake in the human adrenal cell line NCI-H295R. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003 , 1631, 42-50	5	24
18	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	4.9	23
17	P-glycoprotein and cytochrome P450 3A4 involvement in risperidone transport using an in vitro Caco-2/TC7 model and an in vivo model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 878-86	5.5	20
16	High-density-lipoprotein subfraction 3 interaction with glycosylphosphatidylinositol-anchored proteins. <i>Biochemical Journal</i> , 1997 , 328 (Pt 2), 415-23	3.8	19
15	Early-glycation of apolipoprotein E: effect on its binding to LDL receptor, scavenger receptor A and heparan sulfates. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002 , 1583, 99-107	5	19
14	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	5.5	18
13	Defective VLDL metabolism and severe atherosclerosis in mice expressing human apolipoprotein E isoforms but lacking the LDL receptor. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004 , 1684, 8-17	5	16
12	Intestinal bile acid receptors are key regulators of glucose homeostasis. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 192-202	2.9	15
11	Food-Derived Hemorphins Cross Intestinal and Blood-Brain Barriers. <i>Frontiers in Endocrinology</i> , 2018 , 9, 159	5.7	9

10	Ffar2 expression regulates leukaemic cell growth in vivo. <i>British Journal of Cancer</i> , 2017 , 117, 1336-1340.7	8
9	HDL3 binds to glycosylphosphatidylinositol-anchored proteins to activate signalling pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997 , 1358, 103-12	4.9 8
8	Mutation screening of the LDLR gene and ApoB gene in patients with a phenotype of familial hypercholesterolemia and normal values in a functional LDL receptor/apolipoprotein B assay. <i>Clinical Genetics</i> , 1998 , 54, 79-82	4 8
7	Retrograde cholesterol transport in the human Caco-2/TC7 cell line: a model to study trans-intestinal cholesterol excretion in atherogenic and diabetic dyslipidemia. <i>Acta Diabetologica</i> , 2017 , 54, 191-199	3.9 7
6	Apo B-containing lipoprotein particles in poorly controlled insulin-dependent diabetes. <i>Atherosclerosis</i> , 1996 , 120, 209-19	3.1 6
5	Human free apolipoprotein A-I and artificial pre-beta-high-density lipoprotein inhibit eNOS activity and NO release. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004 , 1683, 69-77	5 5
4	Intestine-liver crosstalk in Type 2 Diabetes and non-alcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2021 , 123, 154844	12.7 4
3	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	6 3
2	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	8.3 2
1	Farnesoid X Receptor Activation in Brain Alters Brown Adipose Tissue Function via the Sympathetic System.. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 808603	6.1 0