

Sophie Lestavel

List of Publications by Year in descending order

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46
papers

3,803
citations

201385

27
h-index

233125

45
g-index

46
all docs

46
docs citations

46
times ranked

5017
citing authors

#	ARTICLE	IF	CITATIONS
1	PPAR- α and PPAR- β activators induce cholesterol removal from human macrophage foam cells through stimulation of the ABCA1 pathway. <i>Nature Medicine</i> , 2001, 7, 53-58.	15.2	1,075
2	Farnesoid X receptor inhibits glucagon-like peptide-1 production by enteroendocrine L cells. <i>Nature Communications</i> , 2015, 6, 7629.	5.8	274
3	Farnesoid X Receptor Deficiency Improves Glucose Homeostasis in Mouse Models of Obesity. <i>Diabetes</i> , 2011, 60, 1861-1871.	0.3	261
4	Role of Serum Amyloid A During Metabolism of Acute-Phase HDL by Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 763-772.	1.1	218
5	Reduced cholesterol absorption upon PPAR- α activation coincides with decreased intestinal expression of NPC1L1. <i>Journal of Lipid Research</i> , 2005, 46, 526-534.	2.0	161
6	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, 1259-1263.	1.0	156
7	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
8	Beneficial effects of exercise in a transgenic mouse model of Alzheimer's disease-like Tau pathology. <i>Neurobiology of Disease</i> , 2011, 43, 486-494.	2.1	137
9	Liver X Receptor Activation Controls Intracellular Cholesterol Trafficking and Esterification in Human Macrophages. <i>Circulation Research</i> , 2005, 97, 682-689.	2.0	108
10	Peroxisome Proliferator-Activated Receptor - α Reduces Cholesterol Esterification in Macrophages. <i>Circulation Research</i> , 2003, 92, 212-217.	2.0	107
11	The novel selective PPAR- α modulator (SPPARM- α) pemafibrate improves dyslipidemia, enhances reverse cholesterol transport and decreases inflammation and atherosclerosis. <i>Atherosclerosis</i> , 2016, 249, 200-208.	0.4	107
12	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.	1.8	78
13	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, 2731-2737.	1.1	69
14	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, 1488-1495.	1.1	63
15	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, 1260-1267.	1.6	61
16	Peroxisome proliferator-activated receptor - α controls cellular cholesterol trafficking in macrophages. <i>Journal of Lipid Research</i> , 2005, 46, 2717-2725.	2.0	60
17	PPAR- α Activation Induces Enteroendocrine L Cell GLP-1 Production. <i>Gastroenterology</i> , 2011, 140, 1564-1574.	0.6	55
18	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, 36092-36099.	1.6	50

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19	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
20	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
21	Apolipoprotein AII 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, 1074-1081.	1.1	44
22	Activation of intestinal peroxisome proliferator-activated receptor- α increases high-density lipoprotein production. <i>European Heart Journal</i> , 2013, 34, 2566-2574.	1.0	44
23	Liver X Receptor Regulates Triglyceride Absorption Through Intestinal Down-regulation of Scavenger Receptor Class B, Type 1. <i>Gastroenterology</i> , 2016, 150, 650-658.	0.6	41
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, 20625-20630.	1.6	39
25	Daily melatonin supplementation in mice increases atherosclerosis in proximal aorta. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1114-1123.	1.0	31
26	Intestine-Specific Regulation of PPAR α Gene Transcription by Liver X Receptors. <i>Endocrinology</i> , 2008, 149, 5128-5135.	1.4	29
27	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, 2288-2295.	1.1	28
28	Intestinal bile acid receptors are key regulators of glucose homeostasis. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 192-202.	0.4	27
29	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.	1.2	25
30	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.	1.2	21
31	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, 878-886.	2.5	21
32	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
33	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
34	High-density-lipoprotein subfraction 3 interaction with glycosylphosphatidylinositol-anchored proteins. <i>Biochemical Journal</i> , 1997, 328, 415-423.	1.7	19
35	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.	1.2	17
36	Food-Derived Hemorphins Cross Intestinal and Blood-Brain Barriers In Vitro. <i>Frontiers in Endocrinology</i> , 2018, 9, 159.	1.5	13

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37	Ffar2 expression regulates leukaemic cell growth in vivo. <i>British Journal of Cancer</i> , 2017, 117, 1336-1340.	2.9	12
38	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.	1.2	10
39	HDL3 binds to glycosylphosphatidylinositol-anchored proteins to activate signalling pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1358, 103-112.	1.9	9
40	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.	1.0	9
41	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
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	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.	1.2	8
44	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
45	Apo B-containing lipoprotein particles in poorly controlled insulin-dependent diabetes. <i>Atherosclerosis</i> , 1996, 120, 209-219.	0.4	6
46	PPAR (peroxisome proliferator-activated receptors) et paroi vasculaire : implications dans l'athérosclérose. <i>Medecine/Sciences</i> , 2001, 17, 637.	0.0	0