Thomas Gautier

List of Publications by Year in descending order

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Version: 2024-02-01

70 papers	1,964 citations	218677 26 h-index	276875 41 g-index
72 all docs	72 docs citations	72 times ranked	2730 citing authors

#	Article	IF	Citations
1	Human Apolipoprotein C-I Accounts for the Ability of Plasma High Density Lipoproteins to Inhibit the Cholesteryl Ester Transfer Protein Activity. Journal of Biological Chemistry, 2000, 275, 37504-37509.	3.4	113
2	Quantitative lipopolysaccharide analysis using HPLC/MS/MS and its combination with the limulus amebocyte lysate assay. Journal of Lipid Research, 2015, 56, 1363-1369.	4.2	100
3	Torcetrapib Does Not Reduce Atherosclerosis Beyond Atorvastatin and Induces More Proinflammatory Lesions Than Atorvastatin. Circulation, 2008, 117, 2515-2522.	1.6	89
4	Inhibition of mitophagy drives macrophage activation and antibacterial defense during sepsis. Journal of Clinical Investigation, 2020, 130, 5858-5874.	8.2	87
5	Biliary Sterol Secretion Is Required for Functional In Vivo Reverse Cholesterol Transport in Mice. Gastroenterology, 2011, 140, 1043-1051.	1.3	63
6	Effect of Plasma Phospholipid Transfer Protein Deficiency on Lethal Endotoxemia in Mice. Journal of Biological Chemistry, 2008, 283, 18702-18710.	3.4	58
7	Scavenger Receptor BI-mediated Selective Uptake Is Required for the Remodeling of High Density Lipoprotein by Endothelial Lipase. Journal of Biological Chemistry, 2009, 284, 6093-6100.	3.4	56
8	Plasma PLTP (phospholipid-transfer protein): an emerging role in â€˜reverse lipopolysaccharide transportâ€™ and innate immunity. Biochemical Society Transactions, 2011, 39, 984-988.	3.4	56
9	Liver X Receptor Regulates Arachidonic Acid Distribution and Eicosanoid Release in Human Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1171-1179.	2.4	54
10	Liver X Receptor Activation Promotes Polyunsaturated Fatty Acid Synthesis in Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1357-1365.	2.4	52
11	Low Preoperative Cholesterol Level Is a Risk Factor of Sepsis and Poor Clinical Outcome in Patients Undergoing Cardiac Surgery With Cardiopulmonary Bypass*. Critical Care Medicine, 2014, 42, 1065-1073.	0.9	49
12	Apolipoprotein CI Deficiency Markedly Augments Plasma Lipoprotein Changes Mediated by Human Cholesteryl Ester Transfer Protein (CETP) in CETP Transgenic/ApoCI-knocked Out Mice. Journal of Biological Chemistry, 2002, 277, 31354-31363.	3.4	46
13	Molecular Mechanism of the Blockade of Plasma Cholesteryl Ester Transfer Protein by Its Physiological Inhibitor Apolipoprotein CI. Journal of Biological Chemistry, 2005, 280, 38108-38116.	3.4	45
14	Cholesteryl ester transfer protein modulates the effect of liver X receptor agonists on cholesterol transport and excretion in the mouse. Journal of Lipid Research, 2004, 45, 543-550.	4.2	44
15	Worsening of Diet-Induced Atherosclerosis in a New Model of Transgenic Rabbit Expressing the Human Plasma Phospholipid Transfer Protein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 766-774.	2.4	41
16	Farnesoid X receptor activation increases cholesteryl ester transfer protein expression in humans and transgenic mice. Journal of Lipid Research, 2013, 54, 2195-2205.	4.2	40
17	Hemodialysis reduces plasma apolipoprotein C-I concentration making VLDL a better substrate for lipoprotein lipase. Kidney International, 2007, 72, 871-878.	5.2	39
18	Constitutive androstane receptor activation stimulates faecal bile acid excretion and reverse cholesterol transport in mice. Journal of Hepatology, 2011, 55, 154-161.	3.7	39

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19	Fine-tuning nucleophosmin in macrophage differentiation and activation. Blood, 2011, 118, 4694-4704.	1.4	39
20	Human luteinized granulosa cells secrete apoB100-containing lipoproteins. Journal of Lipid Research, 2010, 51, 2245-2252.	4.2	37
21	Glycation of Apolipoprotein C1 Impairs Its CETP Inhibitory Property: Pathophysiological Relevance in Patients With Type 1 and Type 2 Diabetes. Diabetes Care, 2014, 37, 1148-1156.	8.6	37
22	Human apolipoprotein C-I expression in mice impairs learning and memory functions. Journal of Lipid Research, 2008, 49, 856-869.	4.2	34
23	Scavenger receptor BI facilitates hepatic very low density lipoprotein production in mice. Journal of Lipid Research, 2010, 51, 544-553.	4.2	32
24	Dual Labeling of Lipopolysaccharides for SPECT-CT Imaging and Fluorescence Microscopy. ACS Chemical Biology, 2014, 9, 656-662.	3.4	32
25	Constitutive Androstane Receptor Activation Decreases Plasma Apolipoprotein Bâ€“Containing Lipoproteins and Atherosclerosis in Low-Density Lipoprotein Receptorâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2232-2239.	2.4	31
26	LPCAT3 deficiency in hematopoietic cells alters cholesterol and phospholipid homeostasis and promotes atherosclerosis. Atherosclerosis, 2018, 275, 409-418.	0.8	31
27	Insulin response dysregulation explains abnormal fat storage and increased risk of diabetes mellitus type 2 in Cohen Syndrome. Human Molecular Genetics, 2015, 24, 6603-6613.	2.9	26
28	Recombinant human plasma phospholipid transfer protein (PLTP) to prevent bacterial growth and to treat sepsis. Scientific Reports, 2017, 7, 3053.	3.3	26
29	Apolipoprotein CI is a physiological regulator of cholesteryl ester transfer protein activity in human plasma but not in rabbit plasma. Journal of Lipid Research, 2009, 50, 1842-1851.	4.2	25
30	ApoE promotes hepatic selective uptake but not RCT due to increased ABCA1-mediated cholesterol efflux to plasma. Journal of Lipid Research, 2012, 53, 929-940.	4.2	25
31	High density lipoprotein (HDL) particles from end-stage renal disease patients are defective in promoting reverse cholesterol transport. Scientific Reports, 2017, 7, 41481.	3.3	25
32	Human seminal plasma displays significant phospholipid transfer activity due to the presence of active phospholipid transfer protein. Molecular Human Reproduction, 2003, 9, 457-464.	2.8	24
33	Hepatic lipid accumulation in apolipoprotein C-I-deficient mice is potentiated by cholesteryl ester transfer protein. Journal of Lipid Research, 2007, 48, 30-40.	4.2	24
34	Sleeve Gastrectomy Alters Intestinal Permeability in Diet-Induced Obese Mice. Obesity Surgery, 2017, 27, 2590-2598.	2.1	24
35	Secretory phospholipase A2 increases SR-BI-mediated selective uptake from HDL but not biliary cholesterol secretion. Journal of Lipid Research, 2008, 49, 563-571.	4.2	21
36	Liver X Receptorâ€“Mediated Induction of Cholesteryl Ester Transfer Protein Expression Is Selectively Impaired in Inflammatory Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1923-1929.	2.4	21

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37	Development of Abdominal Aortic Aneurysm Is Decreased in Mice with Plasma Phospholipid Transfer Protein Deficiency. American Journal of Pathology, 2013, 183, 975-986.	3.8	20
38	Polysaccharide Chain Length of Lipopolysaccharides From Salmonella Minnesota Is a Determinant of Aggregate Stability, Plasma Residence Time and Proinflammatory Propensity in vivo. Frontiers in Microbiology, 2019, 10, 1774.	3.5	20
39	Apolipoprotein CI overexpression is not a relevant strategy to block cholesteryl ester transfer protein (CETP) activity in CETP transgenic mice. Biochemical Journal, 2005, 385, 189-195.	3.7	19
40	Apolipoprotein CI Knock-Out Mice Display Impaired Memory Functions. Journal of Alzheimer's Disease, 2011, 23, 737-747.	2.6	19
41	Expression of simian CETP in normolipidemic Fisher rats has a profound effect on large sized apoE-containing HDL. Journal of Lipid Research, 2002, 43, 2164-2171.	4.2	18
42	Activated platelets contribute to oxidized lowâ€density lipoproteins and dysfunctional highâ€density lipoproteins through a phospholipase A2â€dependent mechanism. FASEB Journal, 2012, 26, 927-937.	0.5	18
43	Constitutive inhibition of plasma CETP by apolipoprotein C1 is blunted in dyslipidemic patients with coronary artery disease. Journal of Lipid Research, 2012, 53, 1200-1209.	4.2	17
44	High plasma concentration of non-esterified polyunsaturated fatty acids is a specific feature of severe COVID-19 pneumonia. Scientific Reports, 2021, 11, 10824.	3.3	17
45	Effect of cholesteryl ester transfer protein (CETP) expression on diet-induced hyperlipidemias in transgenic rats. Atherosclerosis, 2005, 178, 279-286.	0.8	15
46	Apolipoprotein B is regulated by gonadotropins and constitutes a predictive biomarker of IVF outcomes. Reproductive Biology and Endocrinology, 2016, 14, 28.	3.3	14
47	Plasma apolipoprotein C1 concentration is associated with plasma triglyceride concentration, but not visceral fat, in patients with type 2 diabetes. Diabetes and Metabolism, 2016, 42, 263-266.	2.9	14
48	Human cholesteryl ester transfer protein lacks lipopolysaccharide transfer activity, but worsens inflammation and sepsis outcomes in mice. Journal of Lipid Research, 2021, 62, 100011.	4.2	14
49	Induction of Body Weight Loss through RNAi-Knockdown of APOBEC1 Gene Expression in Transgenic Rabbits. PLoS ONE, 2014, 9, e106655.	2.5	13
50	New therapeutic horizons for plasma phospholipid transfer protein (PLTP): Targeting endotoxemia, infection and sepsis. , 2022, 236, 108105.		13
51	Innate immune response triggered by triacyl lipid A is dependent on phospholipid transfer protein (PLTP) gene expression. FASEB Journal, 2010, 24, 3544-3554.	0.5	12
52	Glucagon-like peptide-1 is associated with poor clinical outcome, lipopolysaccharide translocation and inflammation in patients undergoing cardiac surgery with cardiopulmonary bypass. Cytokine, 2020, 133, 155182.	3.2	12
53	Low cholesteryl ester transfer protein (CETP) concentration but normal CETP activity in serum from patients with short-term hypothyroidism Lack of relationship to lipoprotein abnormalities. Clinical Endocrinology, 2003, 58, 581-588.	2.4	11
54	Deletion of lysophosphatidylcholine acyltransferase 3 in myeloid cells worsens hepatic steatosis after a high-fat diet. Journal of Lipid Research, 2021, 62, 100013.	4.2	11

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55	Human apolipoprotein C1 transgenesis reduces atherogenesis in hypercholesterolemic rabbits. Atherosclerosis, 2021, 320, 10-18.	0.8	10
56	Simvastatin but not bezafibrate decreases plasma lipoprotein-associated phospholipase A2 mass in type 2 diabetes mellitus: Relevance of high sensitive C-reactive protein, lipoprotein profile and low-density lipoprotein (LDL) electronegativity. European Journal of Internal Medicine, 2012, 23, 633-638.	2.2	9
57	Is It Time to Reconsider the Lipopolysaccharide Paradigm in Acute Graft-Versus-Host Disease?. Frontiers in Immunology, 2017, 8, 952.	4.8	9
58	Regulation of glycolytic genes in human macrophages by oxysterols: a potential role for liver X receptors. British Journal of Pharmacology, 2021, 178, 3124-3139.	5.4	9
59	Expression of Type IIA Secretory Phospholipase A ₂ Inhibits Cholesteryl Ester Transfer Protein Activity in Transgenic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2707-2714.	2.4	8
60	The potential of cholesteryl ester transfer protein as a therapeutic target. Expert Opinion on Therapeutic Targets, 2016, 20, 47-59.	3.4	8
61	Brain Control of Plasma Cholesterol Involves Polysialic Acid Molecules in the Hypothalamus. Frontiers in Neuroscience, 2017, 11, 245.	2.8	7
62	Human apoA-I expression in CETP transgenic rats leads to lower levels of apoC-I in HDL and to magnification of CETP-mediated lipoprotein changes. Journal of Lipid Research, 2006, 47, 356-365.	4.2	6
63	Intra-Abdominal Lipopolysaccharide Clearance and Inactivation in Peritonitis: Key Roles for Lipoproteins and the Phospholipid Transfer Protein. Frontiers in Immunology, 2021, 12, 622935.	4.8	6
64	Glucocorticoids impair HDL-mediated cholesterol efflux besides increased HDL cholesterol concentration: a proof of concept. European Journal of Endocrinology, 2020, 183, 297-306.	3.7	6
65	High-density lipoprotein infusion protects from acute graft-versus-host disease in experimental allogeneic hematopoietic cell transplantation. American Journal of Transplantation, 2022, 22, 1350-1361.	4.7	6
66	Lipoproteins LDL versus HDL as nanocarriers to target either cancer cells or macrophages. JCI Insight, 2020, 5, .	5.0	5
67	Plasma apolipoprotein C1 concentration is associated with plasma triglyceride concentration but not with visceral fat and liver fat content in people with type 1 diabetes. Acta Diabetologica, 2019, 56, 1155-1157.	2.5	4
68	LDL apheresis as an alternate method for plasma LPS purification in healthy volunteers and dyslipidemic and septic patients. Journal of Lipid Research, 2020, 61, 1776-1783.	4.2	4
69	Increased Phospholipid Transfer Protein Activity Is Associated With Markers of Enhanced Lipopolysaccharide Clearance in Human During Cardiopulmonary Bypass. Frontiers in Cardiovascular Medicine, 2021, 8, 756269.	2.4	3
70	CETP activity is not associated with carotid intima-media thickness in patients with poorly controlled type 2 diabetes. Acta Diabetologica, 2019, 56, 749-754.	2.5	2