Philip L Gordts

List of Publications by Citations

45 papers	2,534 citations	20 h-index	50 g-index
53 ext. papers	3,111 ext. citations	10 avg, IF	5.01 L-index

#	Paper	IF	Citations
45	Brown adipose tissue activity controls triglyceride clearance. *Nature Medicine*, **2011**, 17, 200-5	50.5	1102
44	Brown fat activation reduces hypercholesterolaemia and protects from atherosclerosis development. *Nature Communications*, **2015**, 6, 6356	17.4	258
43	ApoC-III inhibits clearance of triglyceride-rich lipoproteins through LDL family receptors. *Journal of Clinical Investigation*, **2016**, 126, 2855-66	15.9	134
42	Statin therapy increases lipoprotein(a) levels. *European Heart Journal*, **2020**, 41, 2275-2284	9.5	134
41	Biallelic mutations in SNX14 cause a syndromic form of cerebellar atrophy and lysosome-autophagosome dysfunction. *Nature Genetics*, **2015**, 47, 528-34	36.3	89
40	Lipoprotein(a) Mass Levels Increase Significantly According to Genotype: An Analysis of 431 239 Patients. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 580-588	9.4	60
39	Apolipoproteins E and AV mediate lipoprotein clearance by hepatic proteoglycans. *Journal of Clinical Investigation*, **2013**, 123, 2742-51	15.9	54
38	Hepatic remnant lipoprotein clearance by heparan sulfate proteoglycans and low-density lipoprotein receptors depend on dietary conditions in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2065-74	9.4	53
37	Reducing macrophage proteoglycan sulfation increases atherosclerosis and obesity through enhanced type I interferon signaling. *Cell Metabolism*, **2014**, 20, 813-826	24.6	50
36	Apolipoprotein C-III in triglyceride-rich lipoprotein metabolism. *Current Opinion in Lipidology*, **2018**, 29, 171-179	4.4	48
35	Human species-specific loss of CMP--acetylneuraminic acid hydroxylase enhances atherosclerosis via intrinsic and extrinsic mechanisms. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 16036-16045	11.5	39
34	Opposing effects of apolipoprotein m on catabolism of apolipoprotein B-containing lipoproteins and atherosclerosis. *Circulation Research*, **2010**, 106, 1624-34	15.7	39
33	Inactivation of the LRP1 intracellular NPxYxxL motif in LDLR-deficient mice enhances postprandial dyslipidemia and atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 1258-64	9.4	36
32	LRP1 Has a Predominant Role in Production over Clearance of A□n a Mouse Model of Alzheimer\x Disease. *Molecular Neurobiology*, **2019**, 56, 7234-7245	6.2	32
31	Shedding of syndecan-1 from human hepatocytes alters very low density lipoprotein clearance. *Hepatology*, **2012**, 55, 277-86	11.2	30
30	The plasma concentration of HDL-associated apoM is influenced by LDL receptor-mediated clearance of apoB-containing particles. *Journal of Lipid Research*, **2012**, 53, 2198-2204	6.3	29
29	ApoC-III ASO promotes tissue LPL activity in the absence of apoE-mediated TRL clearance. *Journal of Lipid Research*, **2019**, 60, 1379-1395	6.3	27

28	Proteoglycans in Obesity-Associated Metabolic Dysfunction and Meta-Inflammation. *Frontiers in Immunology*, **2020**, 11, 769	8.4	27
27	Inactivation of the proximal NPXY motif impairs early steps in LRP1 biosynthesis. *Cellular and Molecular Life Sciences*, **2010**, 67, 135-45	10.3	24
26	The heparan sulfate proteoglycan grip on hyperlipidemia and atherosclerosis. *Matrix Biology*, **2018**, 71-72, 262-282	11.4	24
25	Impaired LDL receptor-related protein 1 translocation correlates with improved dyslipidemia and atherosclerosis in apoE-deficient mice. *PLoS ONE*, **2012**, 7, e38330	3.7	20
24	Small molecule antagonists of cell-surface heparan sulfate and heparin-protein interactions. *Chemical Science*, **2015**, 6, 5984-5993	9.4	19
23	Deletion of Lymphangiogenic and Angiogenic Growth Factor VEGF-D Leads to Severe Hyperlipidemia and Delayed Clearance of Chylomicron Remnants. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 2327-2337	9.4	18
22	A genetic model of substrate reduction therapy for mucopolysaccharidosis. *Journal of Biological Chemistry*, **2012**, 287, 36283-90	5.4	16
21	microRNA-483 ameliorates hypercholesterolemia by inhibiting PCSK9 production. *JCI Insight*, **2020**, 5,	9.9	16
20	Heparan sulfate proteoglycans fine-tune macrophage inflammation via IFN-□*Cytokine*, **2015**, 72, 118-9	4	15
19	Immune-Mediated Inflammation May Contribute to the Pathogenesis of Cardiovascular Disease in Mucopolysaccharidosis Type I. *PLoS ONE*, **2016**, 11, e0150850	3.7	15
18	The adaptor protein PID1 regulates receptor-dependent endocytosis of postprandial triglyceride-rich lipoproteins. *Molecular Metabolism*, **2018**, 16, 88-99	8.8	14
17	Statins and increases in Lp(a): an inconvenient truth that needs attention. *European Heart Journal*, **2020**, 41, 192-193	9.5	13
16	Human Cytomegalovirus Replication Is Inhibited by the Autophagy-Inducing Compounds Trehalose and SMER28 through Distinctively Different Mechanisms. *Journal of Virology*, **2018**, 92,	6.6	12
15	ZNF263 is a transcriptional regulator of heparin and heparan sulfate biosynthesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 9311-9317	11.5	11
14	Hepatic heparan sulfate is a master regulator of hepcidin expression and iron homeostasis in human hepatocytes and mice. *Journal of Biological Chemistry*, **2019**, 294, 13292-13303	5.4	9
13	Triglyceride-rich lipoprotein binding and uptake by heparan sulfate proteoglycan receptors in a CRISPR/Cas9 library of Hep3B mutants. *Glycobiology*, **2019**, 29, 582-592	5.8	8
12	PID1 regulates insulin-dependent glucose uptake by controlling intracellular sorting of GLUT4-storage vesicles. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 1592-1603	6.9	8
11	ApoC-III Glycoforms Are Differentially Cleared by Hepatic TRL (Triglyceride-Rich Lipoprotein) Receptors. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 2145-2156	9.4	7

10	Dietary nitrate struggles in atherosclerosis. *Atherosclerosis*, **2016**, 245, 71-3	3.1	6
9	Guanidinylated Neomycin Conjugation Enhances Intranasal Enzyme Replacement in the Brain. *Molecular Therapy*, **2017**, 25, 2743-2752	11.7	6
8	Knock-in approaches. *Methods in Molecular Biology*, **2011**, 693, 257-75	1.4	6
7	Generation of a series of knock-in alleles using RMCE in ES cells. *Methods in Molecular Biology*, **2011**, 693, 277-81	1.4	4
6	Genome-wide screens uncover KDM2B as a modifier of protein binding to heparan sulfate. *Nature Chemical Biology*, **2021**, 17, 684-692	11.7	4
5	The Prolyl-tRNA Synthetase Inhibitor Halofuginone Inhibits SARS-CoV-2 Infection **2021**,		3
4	Reply to Soulillou et al.: Difficulties in extrapolating from animal models exemplify unusual human atherosclerosis susceptibility and mechanisms via loss. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 1847-1848	11.5	1
3	Dietary Neu5Ac Intervention Protects Against Atherosclerosis Associated With Human-Like Neu5Gc Loss-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 2730-2739	9.4	0
2	Hyaluronan as a potential thermogenic rheostat. *Nature Metabolism*, **2019**, 1, 503-504	14.6	
1	Molecular dissection of syndecan-1 mediated triglyceride-rich lipoprotein clearance. *FASEB Journal*, **2012**, 26, 792.2	0.9	