

Anne P Beigneux

List of Publications by Year in descending order

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51
papers

2,859
citations

172457

29
h-index

182427

51
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54
all docs

54
docs citations

54
times ranked

1772
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrostatic sheathing of lipoprotein lipase is essential for its movement across capillary endothelial cells. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	13
2	Chylomicronemia From GPIHBP1 Autoantibodies Successfully Treated With Rituximab: A Case Report. <i>Annals of Internal Medicine</i> , 2020, 173, 764-765.	3.9	11
3	The structural basis for monoclonal antibody 5D2 binding to the tryptophan-rich loop of lipoprotein lipase. <i>Journal of Lipid Research</i> , 2020, 61, 1347-1359.	4.2	11
4	Chylomicronemia from GPIHBP1 autoantibodies. <i>Journal of Lipid Research</i> , 2020, 61, 1365-1376.	4.2	21
5	Intermittent chylomicronemia caused by intermittent GPIHBP1 autoantibodies. <i>Journal of Clinical Lipidology</i> , 2020, 14, 197-200.	1.5	13
6	GPIHBP1 and Lipoprotein Lipase, Partners in Plasma Triglyceride Metabolism. <i>Cell Metabolism</i> , 2019, 30, 51-65.	16.2	86
7	Lipoprotein lipase is active as a monomer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6319-6328.	7.1	60
8	GPIHBP1 autoantibody syndrome during interferon β treatment. <i>Journal of Clinical Lipidology</i> , 2019, 13, 62-69.	1.5	15
9	An upstream enhancer regulates <i>Gpihbp1</i> expression in a tissue-specific manner. <i>Journal of Lipid Research</i> , 2019, 60, 869-879.	4.2	7
10	Structure of the lipoprotein lipase-GPIHBP1 complex that mediates plasma triglyceride hydrolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1723-1732.	7.1	67
11	GPIHBP1 expression in gliomas promotes utilization of lipoprotein-derived nutrients. <i>ELife</i> , 2019, 8, .	6.0	10
12	NanoSIMS Analysis of Intravascular Lipolysis and Lipid Movement across Capillaries and into Cardiomyocytes. <i>Cell Metabolism</i> , 2018, 27, 1055-1066.e3.	16.2	54
13	Palmoplantar keratoderma in <i>Slurp1/Slurp2</i> double-knockout mice. <i>Journal of Dermatological Science</i> , 2018, 89, 85-87.	1.9	2
14	An enzyme-linked immunosorbent assay for measuring GPIHBP1 levels in human plasma or serum. <i>Journal of Clinical Lipidology</i> , 2018, 12, 203-210.e1.	1.5	15
15	An ELISA for quantifying GPIHBP1 autoantibodies and making a diagnosis of the GPIHBP1 autoantibody syndrome. <i>Clinica Chimica Acta</i> , 2018, 487, 174-178.	1.1	10
16	A disordered acidic domain in GPIHBP1 harboring a sulfated tyrosine regulates lipoprotein lipase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6020-E6029.	7.1	51
17	A hypomorphic <i>Egfr</i> allele does not ameliorate the palmoplantar keratoderma caused by <i>SLURP1</i> deficiency. <i>Experimental Dermatology</i> , 2017, 26, 1134-1136.	2.9	1
18	Mutating a conserved cysteine in GPIHBP1 reduces amounts of GPIHBP1 in capillaries and abolishes LPL binding. <i>Journal of Lipid Research</i> , 2017, 58, 1453-1461.	4.2	16

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19	GPIHBP1 autoantibodies in a patient with unexplained chylomicronemia. <i>Journal of Clinical Lipidology</i> , 2017, 11, 964-971.	1.5	25
20	Autoantibodies against GPIHBP1 as a Cause of Hypertriglyceridemia. <i>New England Journal of Medicine</i> , 2017, 376, 1647-1658.	27.0	112
21	Apolipoprotein C-III inhibits triglyceride hydrolysis by GPIHBP1-bound LPL. <i>Journal of Lipid Research</i> , 2017, 58, 1893-1902.	4.2	39
22	Mobility of α HSPG-bound LPL explains how LPL is able to reach GPIHBP1 on capillaries. <i>Journal of Lipid Research</i> , 2017, 58, 216-225.	4.2	33
23	Monoclonal antibodies that bind to the Ly6 domain of GPIHBP1 abolish the binding of LPL. <i>Journal of Lipid Research</i> , 2017, 58, 208-215.	4.2	15
24	Lipoprotein lipase reaches the capillary lumen in chickens despite an apparent absence of GPIHBP1. <i>JCI Insight</i> , 2017, 2, .	5.0	9
25	Palmoplantar Keratoderma in Slurp2-Deficient Mice. <i>Journal of Investigative Dermatology</i> , 2016, 136, 436-443.	0.7	15
26	Angiotensin-like 4 promotes intracellular degradation of lipoprotein lipase in adipocytes. <i>Journal of Lipid Research</i> , 2016, 57, 1670-1683.	4.2	86
27	GPIHBP1 and Plasma Triglyceride Metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 455-469.	7.1	67
28	An LPL-specific monoclonal antibody, 88B8, that abolishes the binding of LPL to GPIHBP1. <i>Journal of Lipid Research</i> , 2016, 57, 1889-1898.	4.2	10
29	The acidic domain of the endothelial membrane protein GPIHBP1 stabilizes lipoprotein lipase activity by preventing unfolding of its catalytic domain. <i>ELife</i> , 2016, 5, e12095.	6.0	74
30	GPIHBP1 Missense Mutations Often Cause Multimerization of GPIHBP1 and Thereby Prevent Lipoprotein Lipase Binding. <i>Circulation Research</i> , 2015, 116, 624-632.	4.5	50
31	Multimerization of Glycosylphosphatidylinositol-anchored High Density Lipoprotein-binding Protein 1 (GPIHBP1) and Familial Chylomicronemia from a Serine-to-Cysteine Substitution in GPIHBP1 Ly6 Domain. <i>Journal of Biological Chemistry</i> , 2014, 289, 19491-19499.	3.4	45
32	The GPIHBP1-LPL Complex Is Responsible for the Margination of Triglyceride-Rich Lipoproteins in Capillaries. <i>Cell Metabolism</i> , 2014, 19, 849-860.	16.2	124
33	Equivalent binding of wild-type lipoprotein lipase (LPL) and S447X-LPL to GPIHBP1, the endothelial cell LPL transporter. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 963-969.	2.4	10
34	Palmoplantar Keratoderma along with Neuromuscular and Metabolic Phenotypes in Slurp1 -Deficient Mice. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1589-1598.	0.7	35
35	A new monoclonal antibody, 4-1a, that binds to the amino terminus of human lipoprotein lipase. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 970-976.	2.4	4
36	Assessing mechanisms of GPIHBP1 and lipoprotein lipase movement across endothelial cells. <i>Journal of Lipid Research</i> , 2012, 53, 2690-2697.	4.2	62

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37	Mutations in lipoprotein lipase that block binding to the endothelial cell transporter GPIHBP1. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7980-7984.	7.1	53
38	Assessing the Role of the Glycosylphosphatidylinositol-anchored High Density Lipoprotein-binding Protein 1 (GPIHBP1) Three-finger Domain in Binding Lipoprotein Lipase. Journal of Biological Chemistry, 2011, 286, 19735-19743.	3.4	48
39	Unexpected Expression Pattern for Glycosylphosphatidylinositol-anchored HDL-binding Protein 1 (GPIHBP1) in Mouse Tissues Revealed by Positron Emission Tomography Scanning. Journal of Biological Chemistry, 2010, 285, 39239-39248.	3.4	36
40	Mutation of conserved cysteines in the Ly6 domain of GPIHBP1 in familial chylomicronemia. Journal of Lipid Research, 2010, 51, 1535-1545.	4.2	103
41	Chylomicronemia With Low Postheparin Lipoprotein Lipase Levels in the Setting of GPIHBP1 Defects. Circulation: Cardiovascular Genetics, 2010, 3, 169-178.	5.1	100
42	GPIHBP1 and the processing of triglyceride-rich lipoproteins. Clinical Lipidology, 2010, 5, 575-582.	0.4	13
43	GPIHBP1 Is Responsible for the Entry of Lipoprotein Lipase into Capillaries. Cell Metabolism, 2010, 12, 42-52.	16.2	298
44	Highly Conserved Cysteines within the Ly6 Domain of GPIHBP1 Are Crucial for the Binding of Lipoprotein Lipase. Journal of Biological Chemistry, 2009, 284, 30240-30247.	3.4	69
45	Chylomicronemia With a Mutant GPIHBP1 (Q115P) That Cannot Bind Lipoprotein Lipase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 956-962.	2.4	151
46	GPIHBP1, a GPI-anchored protein required for the lipolytic processing of triglyceride-rich lipoproteins. Journal of Lipid Research, 2009, 50, S57-S62.	4.2	51
47	GPIHBP1 and lipolysis: an update. Current Opinion in Lipidology, 2009, 20, 211-216.	2.7	35
48	Glycosylation of Asn-76 in mouse GPIHBP1 is critical for its appearance on the cell surface and the binding of chylomicrons and lipoprotein lipase. Journal of Lipid Research, 2008, 49, 1312-1321.	4.2	28
49	Abnormal Patterns of Lipoprotein Lipase Release into the Plasma in GPIHBP1-deficient Mice. Journal of Biological Chemistry, 2008, 283, 34511-34518.	3.4	64
50	Glycosylphosphatidylinositol-Anchored High-Density Lipoprotein-Binding Protein 1 Plays a Critical Role in the Lipolytic Processing of Chylomicrons. Cell Metabolism, 2007, 5, 279-291.	16.2	420
51	Agpat6, a novel lipid biosynthetic gene required for triacylglycerol production in mammary epithelium. Journal of Lipid Research, 2006, 47, 734-744.	4.2	112