

Kristian KÃ¸lby Kristensen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

578
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	On the mechanism of angiopoietin-like protein 8 for control of lipoprotein lipase activity. <i>Journal of Lipid Research</i> , 2019, 60, 783-793.	4.2	92
2	The angiopoietin-like protein ANGPTL4 catalyzes unfolding of the hydrolase domain in lipoprotein lipase and the endothelial membrane protein GPIHBP1 counteracts this unfolding. <i>ELife</i> , 2016, 5, .	6.0	78
3	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
4	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
5	Unfolding of monomeric lipoprotein lipase by ANGPTL4: Insight into the regulation of plasma triglyceride metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4337-4346.	7.1	56
6	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
7	The Importance of Lipoprotein Lipase Regulation in Atherosclerosis. <i>Biomedicines</i> , 2021, 9, 782.	3.2	33
8	Evolution and Medical Significance of LU Domain-Containing Proteins. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2760.	4.1	29
9	The intrinsic instability of the hydrolase domain of lipoprotein lipase facilitates its inactivation by ANGPTL4-catalyzed unfolding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
10	GPIHBP1 and ANGPTL4 Utilize Protein Disorder to Orchestrate Order in Plasma Triglyceride Metabolism and Regulate Compartmentalization of LPL Activity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 702508.	3.7	22
11	ANGPTL4 inactivates lipoprotein lipase by catalyzing the irreversible unfolding of LPL's hydrolase domain. <i>Journal of Lipid Research</i> , 2020, 61, 1253.	4.2	16
12	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
13	Dynamic Na ⁺ /H ⁺ exchanger 1 (NHE1) -calmodulin complexes of varying stoichiometry and structure regulate Ca ²⁺ -dependent NHE1 activation. <i>ELife</i> , 2021, 10, .	6.0	11
14	Expression and one-step purification of active LPL contemplated by biophysical considerations. <i>Journal of Lipid Research</i> , 2021, 62, 100149.	4.2	7