Clemens RÃ¶hrl

List of Publications by Year
in descending order

33	836	471509 17	501196 28
papers	citations	h-index	g-index

33	33	33	1487
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HDL endocytosis and resecretion. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1626-1633.	2.4	79
2	The HDL receptor SR-BI is associated with human prostate cancer progression and plays a possible role in establishing androgen independence. Reproductive Biology and Endocrinology, 2015, 13, 88.	3.3	67
3	Genome amplification and cellular senescence are hallmarks of human placenta development. PLoS Genetics, 2018, 14, e1007698.	3.5	64
4	FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. Cell Stem Cell, 2020, 27, 98-109.e11.	11.1	62
5	Endoplasmic reticulum stress impairs cholesterol efflux and synthesis in hepatic cells. Journal of Lipid Research, 2014, 55, 94-103.	4.2	60
6	Cholesterol metabolismâ€"physiological regulation and pathophysiological deregulation by the endoplasmic reticulum. Wiener Medizinische Wochenschrift, 2018, 168, 280-285.	1.1	49
7	Combined Light and Electron Microscopy Using Diaminobenzidine Photooxidation to Monitor Trafficking of Lipids Derived from Lipoprotein Particles. Current Pharmaceutical Biotechnology, 2012, 13, 331-340.	1.6	40
8	Potential of BODIPY-cholesterol for analysis of cholesterol transport and diffusion in living cells. Chemistry and Physics of Lipids, 2016, 194, 12-28.	3.2	32
9	Metabolism of cholesterol and progesterone is differentially regulated in primary trophoblastic subtypes and might be disturbed in recurrent miscarriages. Journal of Lipid Research, 2019, 60, 1922-1934.	4.2	32
10	HDL particles incorporate into lipid bilayers â€“ a combined AFM and single molecule fluorescence microscopy study. Scientific Reports, 2017, 7, 15886.	3.3	29
11	Characterization of endocytic compartments after holo-high density lipoprotein particle uptake in HepG2 cells. Histochemistry and Cell Biology, 2010, 133, 261-272.	1.7	27
12	Multiphoton-Polymerized 3D Protein Assay. ACS Applied Materials & Interfaces, 2018, 10, 1474-1479.	8.0	25
13	Receptor-Independent Transfer of Low Density Lipoprotein Cargo to Biomembranes. Nano Letters, 2019, 19, 2562-2567.	9.1	23
14	The unfolded protein response impacts melanoma progression by enhancing FGF expression and can be antagonized by a chemical chaperone. Scientific Reports, 2017, 7, 17498.	3.3	22
15	Peroxisome-proliferator-activated receptors Î³ and Î²/Î´ mediate vascular endothelial growth factor production in colorectal tumor cells. Journal of Cancer Research and Clinical Oncology, 2011, 137, 29-39.	2.5	21
16	Malignant Phenotypes in Metastatic Melanoma are Governed by SR-BI and its Association with Glycosylation and STAT5 Activation. Molecular Cancer Research, 2018, 16, 135-146.	3.4	21
17	Effect of chronic kidney disease on macrophage cholesterol efflux. Life Sciences, 2015, 136, 1-6.	4.3	19
18	Lipid dropletâ€mediated scavenging as novel intrinsic and adaptive resistance factor against the multikinase inhibitor ponatinib. International Journal of Cancer, 2020, 147, 1680-1693.	5.1	16

#	Article	IF	Citations
19	mTORC1 Is Essential for Early Steps during Schwann Cell Differentiation of Amniotic Fluid Stem Cells and Regulates Lipogenic Gene Expression. PLoS ONE, 2014, 9, e107004.	2.5	15
20	Scavenger receptor, Class B, Type I provides an alternative means for Î²-VLDL uptake independent of the LDL receptor in tissue culture. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 198-204.	2.4	14
21	Altered membrane rigidity via enhanced endogenous cholesterol synthesis drives cancer cell resistance to destruxins. Oncotarget, 2018, 9, 25661-25680.	1.8	14
22	Direct observation of cargo transfer from HDL particles to the plasma membrane. Atherosclerosis, 2018, 277, 53-59.	0.8	13
23	Hypolipidemic effects of herbal extracts by reduction of adipocyte differentiation, intracellular neutral lipid content, lipolysis, fatty acid exchange and lipid droplet motility. Scientific Reports, 2019, 9, 10492.	3.3	13
24	The unfolded protein response is a negative regulator of scavenger receptor class B, type I (SR-BI) expression. Biochemical and Biophysical Research Communications, 2016, 479, 557-562.	2.1	12
25	Loss of SR-BI Down-Regulates MITF and Suppresses Extracellular Vesicle Release in Human Melanoma. International Journal of Molecular Sciences, 2019, 20, 1063.	4.1	11
26	Bile Acids Reduce Endocytosis of High-Density Lipoprotein (HDL) in HepG2 Cells. PLoS ONE, 2014, 9, e102026.	2.5	11
27	The HDL particle composition determines its antitumor activity in pancreatic cancer. Life Science Alliance, 2022, 5, e202101317.	2.8	10
28	Differential basolateralâ€“apical distribution of scavenger receptor, class B, type I in cultured cells and the liver. Histochemistry and Cell Biology, 2014, 142, 645-655.	1.7	9
29	Increased Cellular Uptake of Polyunsaturated Fatty Acids and Phytosterols from Natural Micellar Oil. Nutrients, 2020, 12, 150.	4.1	8
30	Aqueous extracts of lingonberry and blackberry leaves identified by high-content screening beneficially act on cholesterol metabolism. Food and Function, 2021, 12, 10432-10442.	4.6	7
31	Human Endothelial Progenitor Cells Internalize High-Density Lipoprotein. PLoS ONE, 2013, 8, e83189.	2.5	4
32	Autonomous Inhibition of Apoptosis Correlates with Responsiveness of Colon Carcinoma Cell Lines to Ciglitazone. PLoS ONE, 2014, 9, e114158.	2.5	4
33	Antiâ€Hyperglycemic Effects of Oils and Extracts Derived from Sea Buckthorn â€•A Comprehensive Analysis Utilizing Inâ€Vitro and Inâ€Vivo Models. Molecular Nutrition and Food Research, 2022, , 2101133.	3.3	3