

# Ute Panzenböck

## List of Publications by Year in descending order

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38  
papers

1,907  
citations

236612

25  
h-index

329751

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uptake and transport of high-density lipoprotein (HDL) and HDL-associated alpha-tocopherol by an in vitro blood-brain barrier model. <i>Journal of Neurochemistry</i> , 2004, 89, 939-950.	2.1	201
2	ABCA1 and Scavenger Receptor Class B, Type I, Are Modulators of Reverse Sterol Transport at an in Vitro Blood-Brain Barrier Constituted of Porcine Brain Capillary Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 42781-42789.	1.6	177
3	Human Endothelial Cells of the Placental Barrier Efficiently Deliver Cholesterol to the Fetal Circulation via ABCA1 and ABCG1. <i>Circulation Research</i> , 2009, 104, 600-608.	2.0	149
4	Novel route for elimination of brain oxysterols across the blood-brain barrier: conversion into 7 $\alpha$ -hydroxy-3-oxo-4-cholestenoic acid. <i>Journal of Lipid Research</i> , 2007, 48, 944-951.	2.0	121
5	Effects of Reagent and Enzymatically Generated Hypochlorite on Physicochemical and Metabolic Properties of High Density Lipoproteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 29711-29720.	1.6	99
6	Apolipoprotein A-I coating of protamine $\alpha$ -oligonucleotide nanoparticles increases particle uptake and transcytosis in an in vitro model of the blood $\alpha$ -brain barrier. <i>Journal of Controlled Release</i> , 2007, 117, 301-311.	4.8	97
7	Myeloperoxidase-mediated oxidation of high-density lipoproteins: Fingerprints of newly recognized potential proatherogenic lipoproteins. <i>Archives of Biochemistry and Biophysics</i> , 2006, 445, 245-255.	1.4	83
8	Oxidation of Methionine Residues to Methionine Sulfoxides Does Not Decrease Potential Antiatherogenic Properties of Apolipoprotein A-I. <i>Journal of Biological Chemistry</i> , 2000, 275, 19536-19544.	1.6	66
9	Formation of methionine sulfoxide-containing specific forms of oxidized high-density lipoproteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1703, 171-181.	1.1	63
10	Effects of Lipoprotein Lipase on Uptake and Transcytosis of Low Density Lipoprotein (LDL) and LDL-associated $\alpha$ -Tocopherol in a Porcine in Vitro Blood-Brain Barrier Model. <i>Journal of Biological Chemistry</i> , 2002, 277, 28537-28544.	1.6	62
11	Regulatory effects of synthetic liver X receptor- and peroxisome-proliferator activated receptor agonists on sterol transport pathways in polarized cerebrovascular endothelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1314-1329.	1.2	59
12	Characterization of specifically oxidized apolipoproteins in mildly oxidized high density lipoprotein. <i>Journal of Lipid Research</i> , 2003, 44, 349-355.	2.0	56
13	Human neutrophils employ the myeloperoxidase/hydrogen peroxide/chloride system to oxidatively damage apolipoprotein A-I. <i>FEBS Journal</i> , 2001, 268, 3523-3531.	0.2	55
14	Adipose triglyceride lipase affects triacylglycerol metabolism at brain barriers. <i>Journal of Neurochemistry</i> , 2011, 119, 1016-1028.	2.1	54
15	Amyloid-beta impairs insulin signaling by accelerating autophagy-lysosomal degradation of LRP-1 and IR $\beta$ in blood-brain barrier endothelial cells in vitro and in 3XTg-AD mice. <i>Molecular and Cellular Neurosciences</i> , 2019, 99, 103390.	1.0	51
16	On the mechanism of cerebral accumulation of cholestanol in patients with cerebrotendinous xanthomatosis. <i>Journal of Lipid Research</i> , 2007, 48, 1167-1174.	2.0	50
17	Glycogen in honeybee queens, workers and drones ( <i>Apis mellifera carnica</i> Pollm.). <i>Journal of Insect Physiology</i> , 1997, 43, 155-165.	0.9	48
18	Regulatory effects of simvastatin and apoJ on APP processing and amyloid- $\beta$ clearance in blood-brain barrier endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 40-60.	1.2	46

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19	Regulated expression of endothelial lipase by porcine brain capillary endothelial cells constituting the blood-brain barrier. <i>Journal of Neurochemistry</i> , 2005, 94, 109-119.	2.1	37
20	Implications of cerebrovascular ATP-binding cassette transporter G1 (ABCG1) and apolipoprotein M in cholesterol transport at the blood-brain barrier. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 573-588.	1.2	33
21	Preparation of fatty acid methyl esters from lipoprotein and macrophage lipid subclasses on thin-layer plates. <i>Lipids</i> , 1996, 31, 1303-1310.	0.7	32
22	Phospholipid Transfer Protein Is Expressed in Cerebrovascular Endothelial Cells and Involved in High Density Lipoprotein Biogenesis and Remodeling at the Blood-Brain Barrier. <i>Journal of Biological Chemistry</i> , 2014, 289, 4683-4698.	1.6	31
23	Phospholipid Transfer Protein Is Differentially Expressed in Human Arterial and Venous Placental Endothelial Cells and Enhances Cholesterol Efflux to Fetal HDL. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2466-2474.	1.8	30
24	Gestational diabetes mellitus modulates cholesterol homeostasis in human fetoplacental endothelium. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 968-979.	1.2	29
25	Processing of Endogenous A $\beta$ PP in Blood-Brain Barrier Endothelial Cells is Modulated by Liver-X Receptor Agonists and Altered Cellular Cholesterol Homeostasis. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 341-360.	1.2	26
26	Astaxanthin exerts protective effects similar to bexarotene in Alzheimer's disease by modulating amyloid-beta and cholesterol homeostasis in blood-brain barrier endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2224-2245.	1.8	26
27	LXR-Agonists Regulate ApoM Expression Differentially in Liver and Intestine. <i>Current Pharmaceutical Biotechnology</i> , 2008, 9, 516-521.	0.9	22
28	Phospholipid Transfer Protein in the Placental Endothelium Is Affected by Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 437-445.	1.8	22
29	Scavenger receptor class B, type I mediates uptake of lipoprotein-associated phosphatidylcholine by primary porcine cerebrovascular endothelial cells. <i>Neuroscience Letters</i> , 2004, 368, 11-14.	1.0	14
30	Adipose Triglyceride Lipase and Hormone-Sensitive Lipase Are Involved in Fat Loss in JunB-Deficient Mice. <i>Endocrinology</i> , 2011, 152, 2678-2689.	1.4	12
31	Differential Effects of Alzheimer's Disease A $\beta$ 40 and 42 on Endocytosis and Intraneuronal Trafficking. <i>Neuroscience</i> , 2018, 373, 159-168.	1.1	12
32	Bridging Brain and Cognition: A Multilayer Network Analysis of Brain Structural Covariance and General Intelligence in a Developmental Sample of Struggling Learners. <i>Journal of Intelligence</i> , 2021, 9, 32.	1.3	12
33	Differential Serotonin Uptake Mechanisms at the Human Maternal-Fetal Interface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7807.	1.8	11
34	Sex difference in flux of 27 $\alpha$ -hydroxycholesterol into the brain. <i>British Journal of Pharmacology</i> , 2021, 178, 3194-3204.	2.7	8
35	mTh1 driven expression of hTDP-43 results in typical ALS/FTLD neuropathological symptoms. <i>PLoS ONE</i> , 2018, 13, e0197674.	1.1	6
36	Texture Evolution and Control of 2524 Aluminum Alloy and Its Effect on Fatigue Crack Propagation Behavior. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5550.	1.3	4

#	ARTICLE	IF	CITATIONS
37	Pathogenesis, modulation, and therapy of Alzheimer's disease: A perspective on roles of liver-X receptors. Translational Neuroscience, 2013, 4, .	0.7	3
38	P1-058: SIMVASTATIN INFLUENCES APOJ AND AMYLOID-BETA METABOLISM IN CEREBROVASCULAR ENDOTHELIAL CELLS. , 2014, 10, P324-P324.		0