

# Paulus Wohlfart

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,393  
citations

471509

17  
h-index

377865

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration-dependent effects of dichloroacetate in type 2 diabetic hearts assessed by hyperpolarized [ <sup>13</sup> C]pyruvate magnetic resonance imaging. <i>NMR in Biomedicine</i> , 2022, 35, e4678.	2.8	1
2	Antidiabetic profiling of veramycins, polyketides accessible by biosynthesis, chemical synthesis and precursor-directed modification. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1604-1615.	4.5	8
3	Activation of thyroid hormone receptor <sup>β2</sup> improved disease activity and metabolism independent of body weight in a mouse model of non-alcoholic steatohepatitis and fibrosis. <i>British Journal of Pharmacology</i> , 2021, 178, 2412-2423.	5.4	47
4	Microglial Activation Is Associated With Vasoprotection in a Rat Model of Inflammatory Retinal Vasoregression. <i>Frontiers in Physiology</i> , 2021, 12, 660164.	2.8	4
5	ET-CORM Mediated Vasorelaxation of Small Mesenteric Arteries: Involvement of Kv7 Potassium Channels. <i>Frontiers in Pharmacology</i> , 2021, 12, 702392.	3.5	1
6	Protective effect of Soluble Epoxide Hydrolase Inhibition in Retinal Vasculopathy associated with Polycystic Kidney Disease. <i>Theranostics</i> , 2020, 10, 7857-7871.	10.0	6
7	Liver-Specific Knockdown of Class IIa HDACs Has Limited Efficacy on Glucose Metabolism but Entails Severe Organ Side Effects in Mice. <i>Frontiers in Endocrinology</i> , 2020, 11, 598.	3.5	7
8	A G protein-biased S1P <sub>1</sub> agonist, SAR247799, protects endothelial cells without affecting lymphocyte numbers. <i>Science Signaling</i> , 2020, 13, .	3.6	29
9	Insulin-induced vascular redox dysregulation in human atherosclerosis is ameliorated by dipeptidyl peptidase 4 inhibition. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	15
10	Nearly a Century of Insulin at Sanofi: Looking Back Over the Decades of Production and Development. <i>Pediatric Endocrinology Reviews</i> , 2020, 17, 161-169.	1.2	0
11	Comparison of metabolic and mitogenic response in vitro of the rapid-acting insulin lispro product SAR342434, and US- and EU-approved Humalog <sup>®</sup> . <i>Regulatory Toxicology and Pharmacology</i> , 2019, 109, 104497.	2.7	8
12	A siRNA mediated hepatic dpp4 knockdown affects lipid, but not glucose metabolism in diabetic mice. <i>PLoS ONE</i> , 2019, 14, e0225835.	2.5	14
13	Insulin induces oxidative stress in the vascular wall of patients with atherosclerosis independently of systemic insulin resistance: the regulatory role of DPP4 inhibition. , 2018, , .		0
14	The signalling conformation of the insulin receptor ectodomain. <i>Nature Communications</i> , 2018, 9, 4420.	12.8	98
15	A novel method to isolate retinal and brain microvessels from individual rats: Microscopic and molecular biological characterization and application in hyperglycemic animals. <i>Vascular Pharmacology</i> , 2018, 110, 24-30.	2.1	7
16	Acute and Repeated Treatment with 5-PAHSA or 9-PAHSA Isomers Does Not Improve Glucose Control in Mice. <i>Cell Metabolism</i> , 2018, 28, 217-227.e13.	16.2	52
17	Liver-Specific siRNA Inhibition of Class 2a Histone Deacetylases (HDACs) Reduces Expression of Genes Regulating Gluconeogenesis in Primary Human and Mouse Hepatocytes, but Not in Mice. <i>Diabetes</i> , 2018, 67, .	0.6	1
18	Absence of macrophage migration inhibitory factor reduces proliferative retinopathy in a mouse model. <i>Acta Diabetologica</i> , 2017, 54, 383-392.	2.5	15

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19	Hyperglycaemic memory affects the neurovascular unit of the retina in a diabetic mouse model. <i>Diabetologia</i> , 2017, 60, 1354-1358.	6.3	32
20	The role of insulin resistance in experimental diabetic retinopathy – Genetic and molecular aspects. <i>PLoS ONE</i> , 2017, 12, e0178658.	2.5	12
21	Effect of the long-acting insulin analogues glargine and degludec on cardiomyocyte cell signalling and function. <i>Cardiovascular Diabetology</i> , 2016, 15, 96.	6.8	6
22	Cathepsin A mediates susceptibility to atrial tachyarrhythmia and impairment of atrial emptying function in Zucker diabetic fatty rats. <i>Cardiovascular Research</i> , 2016, 110, 371-380.	3.8	29
23	Abstract 19179: Effects of Systemic Insulin Resistance on Redox State and Endothelial Nitric Oxide Bioavailability in the Human Vascular Wall. <i>Circulation</i> , 2015, 132, .	1.6	0
24	Abstract 18289: New Roles of the Interplay Between Endothelin and Insulin-like Growth Factor 1 in the Regulation of Vascular Redox State in Patients With Type 2 Diabetes and Coronary Atherosclerosis. <i>Circulation</i> , 2015, 132, .	1.6	0
25	Expression patterning reveals retinal inflammation as a minor factor in experimental retinopathy of ZDF rats. <i>Acta Diabetologica</i> , 2014, 51, 553-558.	2.5	21
26	Female resistance to pneumonia identifies lung macrophage nitric oxide synthase-3 as a therapeutic target. <i>ELife</i> , 2014, 3, .	6.0	38
27	Cardioprotective effects of lixisenatide in rat myocardial ischemia-reperfusion injury studies. <i>Journal of Translational Medicine</i> , 2013, 11, 84.	4.4	60
28	AVE3085, an enhancer of endothelial nitric oxide synthase, restores endothelial function and reduces blood pressure in spontaneously hypertensive rats. <i>British Journal of Pharmacology</i> , 2011, 163, 1078-1085.	5.4	40
29	The peroxisome proliferator-activated receptor- $\alpha$ (PPAR- $\alpha$ ) agonist, AVE8134, attenuates the progression of heart failure and increases survival in rats. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 935-946.	6.1	41
30	Antiatherosclerotic Effects of Small-Molecular-Weight Compounds Enhancing Endothelial Nitric-Oxide Synthase (eNOS) Expression and Preventing eNOS Uncoupling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 370-379.	2.5	81
31	Down-Regulation of Calpain 9 is Linked to Hypertensive Heart and Kidney. <i>Cellular Physiology and Biochemistry</i> , 2005, 15, 109-116.	1.6	12
32	Red Wine Polyphenols Enhance Endothelial Nitric Oxide Synthase Expression and Subsequent Nitric Oxide Release From Endothelial Cells. <i>Circulation</i> , 2002, 106, 1614-1617.	1.6	366
33	NOSIP, a novel modulator of endothelial nitric oxide synthase activity. <i>FASEB Journal</i> , 2001, 15, 79-89.	0.5	164
34	Late Treatment With Ramipril Increases Survival in Old Spontaneously Hypertensive Rats. <i>Hypertension</i> , 1999, 34, 291-295.	2.7	65
35	Release of nitric oxide from endothelial cells stimulated by YC $\epsilon$ 1, an activator of soluble guanylyl cyclase. <i>British Journal of Pharmacology</i> , 1999, 128, 1316-1322.	5.4	69
36	The sodium-calcium exchanger of bovine rod photoreceptors: K $^{+}$ -dependence of the purified and reconstituted protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1061, 247-252.	2.6	32

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37	Spectrophotometric determination of photoreceptor cGMP-gated channel Mg <sup>2+</sup> -fluxes using dichlorophosphonazo III. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1022, 283-290.	2.6	4
38	Reconstitution and electron paramagnetic resonance-spectroscopic characterization of glycophorin containing phospholipid vesicles. <i>Chemistry and Physics of Lipids</i> , 1989, 51, 91-103.	3.2	8
39	Knock-down of class 2a histone deacetylases (HDACs) in hepatocytes of healthy mice does not affect gluconeogenesis but is associated with increased hematopoiesis. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
40	A liver selective knockdown of Dpp4 by therapeutic siRNA affects lipid metabolism but fails to improve glucose control in diabetic mice. <i>Endocrine Abstracts</i> , 0, , .	0.0	0