

# Christian Rask-Madsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6486150/publications.pdf>

Version: 2024-02-01

55  
papers

4,575  
citations

159585

30  
h-index

161849

54  
g-index

57  
all docs

57  
docs citations

57  
times ranked

6561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular Complications of Diabetes: Mechanisms of Injury and Protective Factors. <i>Cell Metabolism</i> , 2013, 17, 20-33.	16.2	590
2	Mechanisms of Disease: endothelial dysfunction in insulin resistance and diabetes. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007, 3, 46-56.	2.8	386
3	Hepatic Insulin Resistance Is Sufficient to Produce Dyslipidemia and Susceptibility to Atherosclerosis. <i>Cell Metabolism</i> , 2008, 7, 125-134.	16.2	383
4	Tissue-Specific Insulin Signaling, Metabolic Syndrome, and Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2052-2059.	2.4	281
5	Loss of Insulin Signaling in Vascular Endothelial Cells Accelerates Atherosclerosis in Apolipoprotein E Null Mice. <i>Cell Metabolism</i> , 2010, 11, 379-389.	16.2	267
6	Metabolic and Vascular Effects of Tumor Necrosis Factor- $\alpha$ Blockade with Etanercept in Obese Patients with Type 2 Diabetes. <i>Journal of Vascular Research</i> , 2005, 42, 517-525.	1.4	260
7	Activation of Vascular Protein Kinase C- $\beta$ Inhibits Akt-Dependent Endothelial Nitric Oxide Synthase Function in Obesity-Associated Insulin Resistance. <i>Diabetes</i> , 2006, 55, 691-698.	0.6	177
8	Tumor Necrosis Factor- $\alpha$ Inhibits Insulin's Stimulating Effect on Glucose Uptake and Endothelium-Dependent Vasodilation in Humans. <i>Circulation</i> , 2003, 108, 1815-1821.	1.6	159
9	Proatherosclerotic Mechanisms Involving Protein Kinase C in Diabetes and Insulin Resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 487-496.	2.4	158
10	Protective Effects of GLP-1 on Glomerular Endothelium and Its Inhibition by PKC $\beta$ Activation in Diabetes. <i>Diabetes</i> , 2012, 61, 2967-2979.	0.6	152
11	Glomerular-specific protein kinase C $\beta$ -induced insulin receptor substrate-1 dysfunction and insulin resistance in rat models of diabetes and obesity. <i>Kidney International</i> , 2011, 79, 883-896.	5.2	116
12	Increased risk of sudden and non-sudden cardiovascular death in patients with atrial fibrillation/flutter following acute myocardial infarction. <i>European Heart Journal</i> , 2006, 27, 290-295.	2.2	108
13	Insulin Therapy Improves Insulin-Stimulated Endothelial Function in Patients With Type 2 Diabetes and Ischemic Heart Disease. <i>Diabetes</i> , 2001, 50, 2611-2618.	0.6	98
14	Insulin transport across the blood-brain barrier can occur independently of the insulin receptor. <i>Journal of Physiology</i> , 2018, 596, 4753-4765.	2.9	94
15	Endothelial insulin receptors differentially control insulin signaling kinetics in peripheral tissues and brain of mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8478-E8487.	7.1	89
16	Adipose-specific effect of rosiglitazone on vascular permeability and protein kinase C activation: novel mechanism for PPAR $\gamma$ agonist's effects on edema and weight gain. <i>FASEB Journal</i> , 2006, 20, 1203-1205.	0.5	78
17	Induction of Vascular Insulin Resistance and Endothelin-1 Expression and Acceleration of Atherosclerosis by the Overexpression of Protein Kinase C $\beta$ Isoform in the Endothelium. <i>Circulation Research</i> , 2013, 113, 418-427.	4.5	75
18	The prognostic importance of creatinine clearance after acute myocardial infarction. <i>European Heart Journal</i> , 2002, 23, 948-952.	2.2	72

#	ARTICLE	IF	CITATIONS
19	Glomerular VEGF resistance induced by PKC $\delta$ /SHP-1 activation and contribution to diabetic nephropathy. <i>FASEB Journal</i> , 2012, 26, 2963-2974.	0.5	72
20	Normal Insulin-Stimulated Endothelial Function and Impaired Insulin-Stimulated Muscle Glucose Uptake in Young Adults with Low Birth Weight. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1252-1257.	3.6	68
21	Differential Regulation of VEGF Signaling by PKC $\delta$ and PKC $\mu$ in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 919-924.	2.4	68
22	Quinapril Treatment Increases Insulin-Stimulated Endothelial Function and Adiponectin Gene Expression in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1001-1008.	3.6	62
23	Selective Regulation of Heme Oxygenase-1 Expression and Function by Insulin through IRS1/Phosphoinositide 3-Kinase/Akt-2 Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 34327-34336.	3.4	62
24	Serine Phosphorylation Sites on IRS2 Activated by Angiotensin II and Protein Kinase C To Induce Selective Insulin Resistance in Endothelial Cells. <i>Molecular and Cellular Biology</i> , 2013, 33, 3227-3241.	2.3	54
25	Inhibition of Insulin Signaling in Endothelial Cells by Protein Kinase C-induced Phosphorylation of p85 Subunit of Phosphatidylinositol 3-Kinase (PI3K). <i>Journal of Biological Chemistry</i> , 2012, 287, 4518-4530.	3.4	46
26	Insulin decreases atherosclerosis by inducing endothelin receptor B expression. <i>JCI Insight</i> , 2016, 1, .	5.0	46
27	Exogenous Insulin Infusion Can Decrease Atherosclerosis in Diabetic Rodents by Improving Lipids, Inflammation, and Endothelial Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 92-101.	2.4	42
28	Hepatocyte Growth Factor Induces Retinal Vascular Permeability via MAP-Kinase and PI-3 Kinase without Altering Retinal Hemodynamics. , 2006, 47, 2701.		36
29	Kidney complications: Factors that protect the diabetic vasculature. <i>Nature Medicine</i> , 2010, 16, 40-41.	30.7	34
30	Regulation of Macrophage Apoptosis and Atherosclerosis by Lipid-Induced PKC $\delta$ Isoform Activation. <i>Circulation Research</i> , 2017, 121, 1153-1167.	4.5	33
31	Hyperinsulinemia Does Not Change Atherosclerosis Development in Apolipoprotein E Null Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1124-1131.	2.4	30
32	Homozygous receptors for insulin and not IGF-1 accelerate intimal hyperplasia in insulin resistance and diabetes. <i>Nature Communications</i> , 2019, 10, 4427.	12.8	30
33	The Effect of Acute Emotional Stress on Gastric Acid Secretion in Normal Subjects and Duodenal Ulcer Patients. <i>Journal of Clinical Gastroenterology</i> , 1993, 17, 117-122.	2.2	29
34	Impact of age and sex on sudden cardiovascular death following myocardial infarction. <i>British Heart Journal</i> , 2002, 88, 573-578.	2.1	29
35	Prognostic value of exercise testing in a cohort of patients followed for 15 years after acute myocardial infarction. <i>European Heart Journal</i> , 2001, 22, 300-306.	2.2	27
36	Modulating Notch signaling to enhance neovascularization and reperfusion in diabetic mice. <i>Biomaterials</i> , 2010, 31, 9048-9056.	11.4	27

#	ARTICLE	IF	CITATIONS
37	Metoprolol compared to carvedilol deteriorates insulin-stimulated endothelial function in patients with type 2 diabetes - a randomized study. <i>Cardiovascular Diabetology</i> , 2010, 9, 21.	6.8	27
38	Age-related mortality, clinical heart failure, and ventricular fibrillation in 4259 Danish patients after acute myocardial infarction. <i>European Heart Journal</i> , 1997, 18, 1426-1431.	2.2	25
39	Insulin resistance in vascular endothelial cells promotes intestinal tumour formation. <i>Oncogene</i> , 2017, 36, 4987-4996.	5.9	25
40	The impact of heart failure on prognosis of diabetic and non-diabetic patients with myocardial infarction: a 15-year follow-up study. <i>European Journal of Heart Failure</i> , 2001, 3, 83-90.	7.1	24
41	SHP-1 activation inhibits vascular smooth muscle cell proliferation and intimal hyperplasia in a rodent model of insulin resistance and diabetes. <i>Diabetologia</i> , 2017, 60, 585-596.	6.3	21
42	Podocytes lose their footing. <i>Nature</i> , 2010, 468, 42-44.	27.8	18
43	Insulin Downregulates the Transcriptional Coregulator CITED2, an Inhibitor of Proangiogenic Function in Endothelial Cells. <i>Diabetes</i> , 2016, 65, 3680-3690.	0.6	18
44	Sudden cardiovascular death following myocardial infarction: The importance of left ventricular systolic dysfunction and congestive heart failure. <i>International Journal of Cardiology</i> , 2005, 104, 184-189.	1.7	16
45	Prolonged Local Forearm Hyperinsulinemia Induces Sustained Enhancement of Nitric Oxide-Dependent Vasodilation in Healthy Subjects. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2004, 11, 231-239.	1.7	10
46	Effects of Acute and Chronic Attenuation of Postprandial Hyperglycemia on Postglucose-load Endothelial Function in Insulin Resistant Individuals: Is Stimulation of First Phase Insulin Secretion Beneficial for the Endothelial Function?. <i>Hormone and Metabolic Research</i> , 2008, 40, 607-613.	1.5	9
47	Endothelium-Dependent Delivery of Insulin to Muscle Interstitium. <i>Cell Metabolism</i> , 2011, 13, 236-238.	16.2	9
48	More Sugar, Less Blood Vessels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 608-610.	2.4	8
49	Endothelial function is unaffected by changing between carvedilol and metoprolol in patients with heart failure-a randomized study. <i>Cardiovascular Diabetology</i> , 2011, 10, 91.	6.8	7
50	The effect of chronic heart failure and type 2 diabetes on insulin-stimulated endothelial function is similar and additive. <i>Vascular Health and Risk Management</i> , 2011, 7, 771.	2.3	6
51	Vascular insulin response is preserved in non-diabetic patients with coronary artery disease, despite endothelial dysfunction. <i>Scandinavian Cardiovascular Journal</i> , 2004, 38, 22-27.	1.2	4
52	Endothelial Cell Insulin Signaling Regulates CXCR4 (C-X-C Motif Chemokine Receptor 4) and Limits Leukocyte Adhesion to Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, .	2.4	4
53	Revascularization and muscle adaptation to limb demand ischemia in diet-induced obese mice. <i>Journal of Surgical Research</i> , 2016, 205, 49-58.	1.6	2
54	The transcriptional coregulator CITED2 suppresses expression of IRS-2 and impairs insulin signaling in endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E252-E259.	3.5	2

#	ARTICLE	IF	CITATIONS
55	Letter by Rask-Madsen et al Regarding Article, "Selective Enhancement of Insulin Sensitivity in the Endothelium In Vivo Reveals a Novel Proatherosclerotic Signaling Loop"; Circulation Research, 2017, 120, e2-e3.	4.5	1