# Christian Rask-Madsen

List of Publications by Year
in descending order



| 55 | 4,575 | 159585 30 | 161849 54 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 57 | 57 | 57 | 6561 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Endothelial Cell Insulin Signaling Regulates CXCR4 (C-X-C Motif Chemokine Receptor 4) and Limits Leukocyte Adhesion to Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, . | 2.4 | 4 |
| 2 | The transcriptional coregulator CITED2 suppresses expression of IRS-2 and impairs insulin signaling in endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E252-E259. | 3.5 | 2 |
| 3 | Homozygous receptors for insulin and not IGF-1 accelerate intimal hyperplasia in insulin resistance and diabetes. Nature Communications, 2019, 10, 4427. | 12.8 | 30 |
| 4 | Exogenous Insulin Infusion Can Decrease Atherosclerosis in Diabetic Rodents by Improving Lipids, Inflammation, and Endothelial Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 92-101. | 2.4 | 42 |
| 5 | Insulin transport across the bloodâ€"brain barrier can occur independently of the insulin receptor. Journal of Physiology, 2018, 596, 4753-4765. | 2.9 | 94 |
| 6 | Letter by Rask-Madsen et al Regarding Article, â€œSelective Enhancement of Insulin Sensitivity in the Endothelium In Vivo Reveals a Novel Proatherosclerotic Signaling Loopâ€• Circulation Research, 2017, 120, e2-e3. | 4.5 | 1 |
| 7 | Insulin resistance in vascular endothelial cells promotes intestinal tumour formation. Oncogene, 2017, 36, 4987-4996. | 5.9 | 25 |
| 8 | SHP-1 activation inhibits vascular smooth muscle cell proliferation and intimal hyperplasia in a rodent model of insulin resistance and diabetes. Diabetologia, 2017, 60, 585-596. | 6.3 | 21 |
| 9 | Regulation of Macrophage Apoptosis and Atherosclerosis by Lipid-Induced PKCÎ´ Isoform Activation. Circulation Research, 2017, 121, 1153-1167. | 4.5 | 33 |
| 10 | Endothelial insulin receptors differentially control insulin signaling kinetics in peripheral tissues and brain of mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8478-E8487. | 7.1 | 89 |
| 11 | Insulin Downregulates the Transcriptional Coregulator CITED2, an Inhibitor of Proangiogenic Function in Endothelial Cells. Diabetes, 2016, 65, 3680-3690. | 0.6 | 18 |
| 12 | Revascularization and muscle adaptation to limb demand ischemia in diet-induced obese mice. Journal of Surgical Research, 2016, 205, 49-58. | 1.6 | 2 |
| 13 | Insulin decreases atherosclerosis by inducing endothelin receptor B expression. JCI Insight, 2016, 1, . | 5.0 | 46 |
| 14 | Vascular Complications of Diabetes: Mechanisms of Injury and Protective Factors. Cell Metabolism, 2013, 17, 20-33. | 16.2 | 590 |
| 15 | Induction of Vascular Insulin Resistance and Endothelin-1 Expression and Acceleration of Atherosclerosis by the Overexpression of Protein Kinase C-Î² Isoform in the Endothelium. Circulation Research, 2013, 113, 418-427. | 4.5 | 75 |
| 16 | Serine Phosphorylation Sites on IRS2 Activated by Angiotensin II and Protein Kinase C To Induce Selective Insulin Resistance in Endothelial Cells. Molecular and Cellular Biology, 2013, 33, 3227-3241. | 2.3 | 54 |
| 17 | Hyperinsulinemia Does Not Change Atherosclerosis Development in Apolipoprotein E Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1124-1131. | 2.4 | 30 |
| 18 | Glomerular VEGF resistance induced by PKCÎ/SHPâ€1 activation and contribution to diabetic nephropathy. FASEB Journal, 2012, 26, 2963-2974. | 0.5 | 72 |

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|---|---|---|---|
| 19 | Inhibition of Insulin Signaling in Endothelial Cells by Protein Kinase C-induced Phosphorylation of p85 Subunit of Phosphatidylinositol 3-Kinase (PI3K). Journal of Biological Chemistry, 2012, 287, 4518-4530. | 3.4 | 46 |
| 20 | Tissueâ€"Specific Insulin Signaling, Metabolic Syndrome, and Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2052-2059. | 2.4 | 281 |
| 21 | Protective Effects of GLP-1 on Glomerular Endothelium and Its Inhibition by PKCÎ² Activation in Diabetes. Diabetes, 2012, 61, 2967-2979. | 0.6 | 152 |
| 22 | Endothelium-Dependent Delivery of Insulin to Muscle Interstitium. Cell Metabolism, 2011, 13, 236-238. | 16.2 | 9 |
| 23 | The effect of chronic heart failure and type 2 diabetes on insulin-stimulated endothelial function is similar and additive. Vascular Health and Risk Management, 2011, 7, 771. | 2.3 | 6 |
| 24 | Endothelial function is unaffected by changing between carvedilol and metoprolol in patients with heart failure-a randomized study. Cardiovascular Diabetology, 2011, 10, 91. | 6.8 | 7 |
| 25 | Glomerular-specific protein kinase C-Î²-induced insulin receptor substrate-1 dysfunction and insulin resistance in rat models of diabetes and obesity. Kidney International, 2011, 79, 883-896. | 5.2 | 116 |
| 26 | Modulating Notch signaling to enhance neovascularization and reperfusion in diabetic mice. Biomaterials, 2010, 31, 9048-9056. | 11.4 | 27 |
| 27 | Metoprolol compared to carvedilol deteriorates insulin-stimulated endothelial function in patients with type 2 diabetes - a randomized study. Cardiovascular Diabetology, 2010, 9, 21. | 6.8 | 27 |
| 28 | Podocytes lose their footing. Nature, 2010, 468, 42-44. | 27.8 | 18 |
| 29 | Kidney complications: Factors that protect the diabetic vasculature. Nature Medicine, 2010, 16, 40-41. | 30.7 | 34 |
| 30 | Loss of Insulin Signaling in Vascular Endothelial Cells Accelerates Atherosclerosis in Apolipoprotein E Null Mice. Cell Metabolism, 2010, 11, 379-389. | 16.2 | 267 |
| 31 | Hepatic Insulin Resistance Is Sufficient to Produce Dyslipidemia and Susceptibility to Atherosclerosis. Cell Metabolism, 2008, 7, 125-134. | 16.2 | 383 |
| 32 | Differential Regulation of VEGF Signaling by PKC-Î± and PKC-Îµ in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 919-924. | 2.4 | 68 |
| 33 | Selective Regulation of Heme Oxygenase-1 Expression and Function by Insulin through IRS1/Phosphoinositide 3-Kinase/Akt-2 Pathway. Journal of Biological Chemistry, 2008, 283, 34327-34336. | 3.4 | 62 |
| 34 | More Sugar, Less Blood Vessels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 608-610. | 2.4 | 8 |
| 35 | 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?. Hormone and Metabolic Research, 2008, 40, 607-613. | 1.5 | 9 |
| 36 | Mechanisms of Disease: endothelial dysfunction in insulin resistance and diabetes. Nature Clinical Practice Endocrinology and Metabolism, 2007, 3, 46-56. | 2.8 | 386 |

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|---|---|---|---|
| 37 | Hepatocyte Growth Factor Induces Retinal Vascular Permeability via MAP-Kinase and PI-3 Kinase without Altering Retinal Hemodynamics. , 2006, 47, 2701. | | 36 |
| 38 | Increased risk of sudden and non-sudden cardiovascular death in patients with atrial fibrillation/flutter following acute myocardial infarction. European Heart Journal, 2006, 27, 290-295. | 2.2 | 108 |
| 39 | Quinapril Treatment Increases Insulin-Stimulated Endothelial Function and Adiponectin Gene Expression in Patients with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1001-1008. | 3.6 | 62 |
| 40 | Adiposeâ€specific effect of rosiglitazone on vascular permeability and protein kinase C activation: novel mechanism for PPARÎ³ agonist's effects on edema and weight gain. FASEB Journal, 2006, 20, 1203-1205. | 0.5 | 78 |
| 41 | Activation of Vascular Protein Kinase C-Â Inhibits Akt-Dependent Endothelial Nitric Oxide Synthase Function in Obesity-Associated Insulin Resistance. Diabetes, 2006, 55, 691-698. | 0.6 | 177 |
| 42 | Proatherosclerotic Mechanisms Involving Protein Kinase C in Diabetes and Insulin Resistance. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 487-496. | 2.4 | 158 |
| 43 | Metabolic and Vascular Effects of Tumor Necrosis Factor-Î± Blockade with Etanercept in Obese Patients with Type 2 Diabetes. Journal of Vascular Research, 2005, 42, 517-525. | 1.4 | 260 |
| 44 | Sudden cardiovascular death following myocardial infarction: The importance of left ventricular systolic dysfunction and congestive heart failure. International Journal of Cardiology, 2005, 104, 184-189. | 1.7 | 16 |
| 45 | Vascular insulin response is preserved in nonâ€diabetic patients with coronary artery disease, despite endothelial dysfunction. Scandinavian Cardiovascular Journal, 2004, 38, 22-27. | 1.2 | 4 |
| 46 | Prolonged Local Forearm Hyperinsulinemia Induces Sustained Enhancement of Nitric Oxideâ€"Dependent Vasodilation in Healthy Subjects. Endothelium: Journal of Endothelial Cell Research, 2004, 11, 231-239. | 1.7 | 10 |
| 47 | Tumor Necrosis Factor-Î± Inhibits Insulinâ€™s Stimulating Effect on Glucose Uptake and Endothelium-Dependent Vasodilation in Humans. Circulation, 2003, 108, 1815-1821. | 1.6 | 159 |
| 48 | Normal Insulin-Stimulated Endothelial Function and Impaired Insulin-Stimulated Muscle Glucose Uptake in Young Adults with Low Birth Weight. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1252-1257. | 3.6 | 68 |
| 49 | The prognostic importance of creatinine clearance after acute myocardial infarction. European Heart Journal, 2002, 23, 948-952. | 2.2 | 72 |
| 50 | Impact of age and sex on sudden cardiovascular death following myocardial infarction. British Heart Journal, 2002, 88, 573-578. | 2.1 | 29 |
| 51 | The impact of heart failure on prognosis of diabetic and nonâ€diabetic patients with myocardial infarction: a 15â€year followâ€up study. European Journal of Heart Failure, 2001, 3, 83-90. | 7.1 | 24 |
| 52 | Prognostic value of exercise testing in a cohort of patients followed for 15 years after acute myocardial infarction. European Heart Journal, 2001, 22, 300-306. | 2.2 | 27 |
| 53 | Insulin Therapy Improves Insulin-Stimulated Endothelial Function in Patients With Type 2 Diabetes and Ischemic Heart Disease. Diabetes, 2001, 50, 2611-2618. | 0.6 | 98 |
| 54 | Age-related mortality, clinical heart failure, and ventricular fibrillation in 4259 Danish patients after acute myocardial infarction. European Heart Journal, 1997, 18, 1426-1431. | 2.2 | 25 |

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|---|---|---|---|
| 55 | The Effect of Acute Emotional Stress on Gastric Acid Secretion in Normal Subjects and Duodenal Ulcer Patients. Journal of Clinical Gastroenterology, 1993, 17, 117-122. | 2.2 | 29 |