

RÃ³bert Wagner

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

2,835
citations

186265

28
h-index

223800

46
g-index

129
all docs

129
docs citations

129
times ranked

4099
citing authors

#	ARTICLE	IF	CITATIONS
1	Considering Insulin Secretory Capacity as Measured by a Fasting C-Peptide/Glucose Ratio in Selecting Glucose-Lowering Medications. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, 200-204.	1.2	16
2	Metabolic implications of pancreatic fat accumulation. <i>Nature Reviews Endocrinology</i> , 2022, 18, 43-54.	9.6	46
3	Empagliflozin Improves Insulin Sensitivity of the Hypothalamus in Humans With Prediabetes: A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial. <i>Diabetes Care</i> , 2022, 45, 398-406.	8.6	43
4	Short-Term Variability of Proton Density Fat Fraction in Pancreas and Liver Assessed by Multiecho Chemical-Shift Encoding-Based ^1H MRI at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1018-1026.	3.4	8
5	The German Gestational Diabetes Study (PREG), a prospective multicentre cohort study: rationale, methodology and design. <i>BMJ Open</i> , 2022, 12, e058268.	1.9	5
6	Incretin Hypersecretion in Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2425-e2430.	3.6	10
7	Eight weeks of empagliflozin does not affect pancreatic fat content and insulin secretion in people with prediabetes. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1661-1666.	4.4	4
8	Fat Distribution Patterns and Future Type 2 Diabetes. <i>Diabetes</i> , 2022, 71, 1937-1945.	0.6	20
9	Klassifizierung von OGTT-Glukoseverläufen während Schwangerschaft und Assoziation mit Makrosomie-Risiko.. <i>Diabetologie Und Stoffwechsel</i> , 2022, , .	0.0	0
10	Cluster des Prädiabetes und Typ-2-Diabetes stratifizieren die Gesamtmortalität bei kardiovaskulären Hochrisiko-Patienten – Ergebnisse aus der LURIC-Kohorte. <i>Diabetologie Und Stoffwechsel</i> , 2022, , .	0.0	0
11	Elevated Circulating Glutamate Is Associated With Subclinical Atherosclerosis Independently of Established Risk Markers: A Cross-Sectional Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e982-e989.	3.6	17
12	Pathophysiology-based subphenotyping of individuals at elevated risk for type 2 diabetes. <i>Nature Medicine</i> , 2021, 27, 49-57.	30.7	203
13	The hepatokine fetuin-A disrupts functional maturation of pancreatic beta cells. <i>Diabetologia</i> , 2021, 64, 1358-1374.	6.3	14
14	Low-Density Lipoprotein Cholesterol Is Associated With Insulin Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1576-1584.	3.6	10
15	Hemostatic alterations linked to body fat distribution, fatty liver, and insulin resistance. <i>Molecular Metabolism</i> , 2021, 53, 101262.	6.5	9
16	Pancreatic fat cells of humans with type 2 diabetes display reduced adipogenic and lipolytic activity. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C1000-C1012.	4.6	10
17	Determinants of hepatic insulin clearance – Results from a Mendelian Randomization study. <i>Metabolism: Clinical and Experimental</i> , 2021, 119, 154776.	3.4	2
18	Free fatty acids, glicentin and glucose-dependent insulinotropic polypeptide as potential major determinants of fasting substrate oxidation. <i>Scientific Reports</i> , 2021, 11, 16642.	3.3	4

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19	Different Effects of Lifestyle Intervention in High- and Low-Risk Prediabetes: Results of the Randomized Controlled Prediabetes Lifestyle Intervention Study (PLIS). <i>Diabetes</i> , 2021, 70, 2785-2795.	0.6	35
20	Detection of diabetes from whole-body MRI using deep learning. <i>JCI Insight</i> , 2021, 6, .	5.0	10
21	Slow deep breathing modulates cardiac vagal activity but does not affect peripheral glucose metabolism in healthy men. <i>Scientific Reports</i> , 2021, 11, 20306.	3.3	4
22	Reproducibility and discrimination of different indices of insulin sensitivity and insulin secretion. <i>PLoS ONE</i> , 2021, 16, e0258476.	2.5	12
23	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , 2021, 12, 6486.	12.8	31
24	Course of lactate, pH and base excess for prediction of mortality in medical intensive care patients. <i>PLoS ONE</i> , 2021, 16, e0261564.	2.5	15
25	Metabolomic Characteristics of Fatty Pancreas. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 804-810.	1.2	14
26	Insulin Action in the Hypothalamus Increases Second-Phase Insulin Secretion in Humans. <i>Neuroendocrinology</i> , 2020, 110, 929-937.	2.5	23
27	Cryobiopsy increases the EGFR detection rate in non-small cell lung cancer. <i>Lung Cancer</i> , 2020, 141, 56-63.	2.0	20
28	Normalized Indices Derived from Visceral Adipose Mass Assessed by Magnetic Resonance Imaging and Their Correlation with Markers for Insulin Resistance and Prediabetes. <i>Nutrients</i> , 2020, 12, 2064.	4.1	17
29	Insulin sensitivity predicts cognitive decline in individuals with prediabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001741.	2.8	42
30	Pancreatic Steatosis Associates With Impaired Insulin Secretion in Genetically Predisposed Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3518-3525.	3.6	37
31	Characterization of Hormone-Dependent Pathways in Six Human Prostate-Cancer Cell Lines: A Gene-Expression Study. <i>Genes</i> , 2020, 11, 1174.	2.4	4
32	No modulation of postprandial metabolism by transcutaneous auricular vagusÄnerve stimulation: a cross-over study in 15 healthy men. <i>Scientific Reports</i> , 2020, 10, 20466.	3.3	15
33	The TUDID Study Ä“ Background and Design of a Prospective Cohort. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, , .	1.2	0
34	A reply to Ä“Ä modern approach to Advanced Non-Small Cell Lung Cancer: Minimally-invasive procedures and in parallel multiple DNA/RNA high-throughput sequencingÄ“ <i>Lung Cancer</i> , 2020, 146, 389-390.	2.0	0
35	Brain insulin sensitivity is linked to adiposity and body fat distribution. <i>Nature Communications</i> , 2020, 11, 1841.	12.8	81
36	Reduced insulin clearance is linked to subclinical atherosclerosis in individuals at risk for type 2 diabetes mellitus. <i>Scientific Reports</i> , 2020, 10, 22453.	3.3	6

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37	148-OR: Empagliflozin Improves Insulin Sensitivity of the Hypothalamus in Humans with Prediabetes. Diabetes, 2020, 69, 148-OR.	0.6	0
38	150-OR: Brain Insulin Sensitivity Is Modulated by Menstrual Cycle. Diabetes, 2020, 69, 150-OR.	0.6	1
39	102-OR: Detection of Diabetes from Whole-Body Magnetic Resonance Imaging Using Deep Learning. Diabetes, 2020, 69, 102-OR.	0.6	1
40	Glucose Measurements at Various Time Points During the OGTT and Their Role in Capturing Glucose Response Patterns. Diabetes Care, 2019, 42, e56-e57.	8.6	8
41	Sex-Specific Associations of Testosterone With Metabolic Traits. Frontiers in Endocrinology, 2019, 10, 90.	3.5	13
42	What role do fat cells play in pancreatic tissue?. Molecular Metabolism, 2019, 25, 1-10.	6.5	52
43	Gene x Gene Interactions Highlight the Role of Incretin Resistance for Insulin Secretion. Frontiers in Endocrinology, 2019, 10, 72.	3.5	5
44	Potential effects of reduced red meat compared with increased fiber intake on glucose metabolism and liver fat content: a randomized and controlled dietary intervention study. American Journal of Clinical Nutrition, 2019, 109, 288-296.	4.7	15
45	Dietary Niacin Intake Predicts the Decrease of Liver Fat Content During a Lifestyle Intervention. Scientific Reports, 2019, 9, 1303.	3.3	16
46	Glucose homeostasis is regulated by pancreatic β^2 -cell cilia via endosomal EphA-processing. Nature Communications, 2019, 10, 5686.	12.8	54
47	Cellular markers of eryptosis are altered in type 2 diabetes. Clinical Chemistry and Laboratory Medicine, 2018, 56, e177-e180.	2.3	15
48	Higher prevalence of lymph node metastasis in prostate cancer in patients with diabetes. Endocrine-Related Cancer, 2018, 25, L19-L22.	3.1	19
49	Androgen receptor overexpression in prostate cancer in type 2 diabetes. Molecular Metabolism, 2018, 8, 158-166.	6.5	22
50	Genetic variation in TCF7L2 rs7903146 and history of GDM negatively and independently impact on diabetes-associated metabolic traits. Diabetes Research and Clinical Practice, 2018, 146, 251-257.	2.8	11
51	The Expression of Aldolase B in Islets Is Negatively Associated With Insulin Secretion in Humans. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4373-4383.	3.6	42
52	cGMP-dependent protein kinase I (cGKI) modulates human hepatic stellate cell activation. Metabolism: Clinical and Experimental, 2018, 88, 22-30.	3.4	18
53	Single Nucleotide Polymorphisms in the G-Protein Coupled Receptor Kinase 5 (GRK5) Gene are associated with Plasma LDL-Cholesterol Levels in Humans. Scientific Reports, 2018, 8, 7745.	3.3	3
54	Prediction of Glucose Tolerance without an Oral Glucose Tolerance Test. Frontiers in Endocrinology, 2018, 9, 82.	3.5	13

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55	Insulinwirkung im Gehirn stimuliert die Insulinsekretion – Ergebnisse aus hyperglykämischen Clamps. , 2018, 13, .		0
56	Soluble urokinase receptor (suPAR) predicts microalbuminuria in patients at risk for type 2 diabetes mellitus. Scientific Reports, 2017, 7, 40627.	3.3	40
57	Hypothalamic and Striatal Insulin Action Suppresses Endogenous Glucose Production and May Stimulate Glucose Uptake During Hyperinsulinemia in Lean but Not in Overweight Men. Diabetes, 2017, 66, 1797-1806.	0.6	87
58	Impact of end-stage renal disease on glucose metabolism—a matched cohort analysis. Nephrology Dialysis Transplantation, 2017, 32, 670-676.	0.7	22
59	Genetic determination of body fat distribution and the attributive influence on metabolism. Obesity, 2017, 25, 1277-1283.	3.0	15
60	Intra- and interindividual variability of fatty acid unsaturation in six different human adipose tissue compartments assessed by ¹ H-MRS in vivo at 3T. NMR in Biomedicine, 2017, 30, e3744.	2.8	29
61	Hypothalamic insulin responsiveness is associated with pancreatic insulin secretion in humans. Physiology and Behavior, 2017, 176, 134-138.	2.1	27
62	Nonsuppressed Glucagon After Glucose Challenge as a Potential Predictor for Glucose Tolerance. Diabetes, 2017, 66, 1373-1379.	0.6	25
63	Dynamics of Glucose Metabolism After Kidney Transplantation. Kidney and Blood Pressure Research, 2017, 42, 598-607.	2.0	16
64	Non-alcoholic fatty liver disease and impaired proinsulin conversion as newly identified predictors of the long-term non-response to a lifestyle intervention for diabetes prevention: results from the TULIP study. Diabetologia, 2017, 60, 2341-2351.	6.3	24
65	The protective effect of human renal sinus fat on glomerular cells is reversed by the hepatokine fetuin-A. Scientific Reports, 2017, 7, 2261.	3.3	20
66	Metabolic crosstalk between fatty pancreas and fatty liver: effects on local inflammation and insulin secretion. Diabetologia, 2017, 60, 2240-2251.	6.3	100
67	Excessive fuel availability amplifies the FTO-mediated obesity risk: results from the TUEF and Whitehall II studies. Scientific Reports, 2017, 7, 15486.	3.3	5
68	Routine Monitoring of Sodium and Phosphorus Removal in Peritoneal Dialysis (PD) Patients Treated with Continuous Ambulatory PD (CAPD), Automated PD (APD) or Combined CAPD+APD. Kidney and Blood Pressure Research, 2017, 42, 257-266.	2.0	11
69	Common variation in the sodium/glucose cotransporter 2 gene SLC5A2 does neither affect fasting nor glucose-suppressed plasma glucagon concentrations. PLoS ONE, 2017, 12, e0177148.	2.5	10
70	DPP4 gene variation affects GLP-1 secretion, insulin secretion, and glucose tolerance in humans with high body adiposity. PLoS ONE, 2017, 12, e0181880.	2.5	12
71	A new functional method to choose the target lobe for lung volume reduction in emphysema – comparison with the conventional densitometric method. International Journal of COPD, 2017, Volume 12, 2621-2628.	2.3	6
72	Interaction between the obesity-risk gene FTO and the dopamine D2 receptor gene ANKK1/TaqIA on insulin sensitivity. Diabetologia, 2016, 59, 2622-2631.	6.3	39

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73	A novel insulin sensitivity index particularly suitable to measure insulin sensitivity during gestation. <i>Acta Diabetologica</i> , 2016, 53, 1037-1044.	2.5	30
74	Ketoacidosis in a non-diabetic woman who was fasting during lactation. <i>Nutrition Journal</i> , 2015, 14, 117.	3.4	19
75	Urinary Neutrophil Gelatinase-Associated Lipocalin (NGAL) and proteinuria predict severity of acute kidney injury in Puumala virus infection. <i>BMC Infectious Diseases</i> , 2015, 15, 464.	2.9	22
76	Response to Comment on Heni et al. Central Insulin Administration Improves Whole-Body Insulin Sensitivity via Hypothalamus and Parasympathetic Outputs in Men. <i>Diabetes</i> 2014;63:4083-4088. <i>Diabetes</i> , 2015, 64, e8-e9.	0.6	7
77	Activation of Extracellular Signal-Regulated Protein Kinases 1 and 2 (ERK1/2) by Free Fatty Acid Receptor 1 (FFAR1/GPR40) Protects from Palmitate-Induced Beta Cell Death, but Plays no Role in Insulin Secretion. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1537-1545.	1.6	26
78	A high-risk phenotype associates with reduced improvement in glycaemia during a lifestyle intervention in prediabetes. <i>Diabetologia</i> , 2015, 58, 2877-2884.	6.3	56
79	Plasma Concentrations of the Vasoactive Peptide Fragments Mid-Regional Pro-Adrenomedullin, C-Terminal Pro-Endothelin 1 and Copeptin in Hemodialysis Patients: Associated Factors and Prediction of Mortality. <i>PLoS ONE</i> , 2014, 9, e86148.	2.5	17
80	Problem-Based Training Improves Recognition of Patient Hazards by Advanced Medical Students during Chart Review: A Randomized Controlled Crossover Study. <i>PLoS ONE</i> , 2014, 9, e89198.	2.5	3
81	Jaundice From Diabetes Therapy. <i>Diabetes Care</i> , 2014, 37, e57-e58.	8.6	4
82	Central Insulin Administration Improves Whole-Body Insulin Sensitivity via Hypothalamus and Parasympathetic Outputs in Men. <i>Diabetes</i> , 2014, 63, 4083-4088.	0.6	135
83	Age-dependent association of serum prolactin with glycaemia and insulin sensitivity in humans. <i>Acta Diabetologica</i> , 2014, 51, 71-78.	2.5	49
84	Polymorphism rs3123554 in <i>CNR2</i> reveals gender-specific effects on body weight and affects loss of body weight and cerebral insulin action. <i>Obesity</i> , 2014, 22, 925-931.	3.0	29
85	Untangling the interplay of genetic and metabolic influences on beta-cell function: Examples of potential therapeutic implications involving TCF7L2 and FFAR1. <i>Molecular Metabolism</i> , 2014, 3, 261-267.	6.5	28
86	Peroxisome proliferator-activated receptor gamma (PPARG) modulates free fatty acid receptor 1 (FFAR1) dependent insulin secretion in humans. <i>Molecular Metabolism</i> , 2014, 3, 676-680.	6.5	10
87	Clinical and non-targeted metabolomic profiling of homozygous carriers of Transcription Factor 7-like 2 variant rs7903146. <i>Scientific Reports</i> , 2014, 4, 5296.	3.3	17
88	Prepackaged central line kits reduce procedural mistakes during central line insertion: a randomized controlled prospective trial. <i>BMC Medical Education</i> , 2013, 13, 60.	2.4	10
89	The genetic influence on body fat distribution. <i>Drug Discovery Today Disease Mechanisms</i> , 2013, 10, e5-e13.	0.8	8
90	Family history of diabetes is associated with higher risk for prediabetes: a multicentre analysis from the German Center for Diabetes Research. <i>Diabetologia</i> , 2013, 56, 2176-2180.	6.3	64

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91	Reevaluation of Fatty Acid Receptor 1 as a Drug Target for the Stimulation of Insulin Secretion in Humans. <i>Diabetes</i> , 2013, 62, 2106-2111.	0.6	64
92	Genetic Variation in <i>NR1H4</i> Encoding the Bile Acid Receptor FXR Determines Fasting Glucose and Free Fatty Acid Levels in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1224-E1229.	3.6	24
93	“Best Practice” Skills Lab Training vs. a “see one, do one” Approach in Undergraduate Medical Education: An RCT on Students’ Long-Term Ability to Perform Procedural Clinical Skills. <i>PLoS ONE</i> , 2013, 8, e76354.	2.5	81
94	Insulin Resistant Phenotype of Polycystic Ovary Syndrome does not Seem to be Caused by Variation in FTO. <i>Hormone and Metabolic Research</i> , 2012, 44, 810-813.	1.5	5
95	Bile Acids Acutely Stimulate Insulin Secretion of Mouse β -Cells via Farnesoid X Receptor Activation and KATP Channel Inhibition. <i>Diabetes</i> , 2012, 61, 1479-1489.	0.6	145
96	Ibuprofen or diclofenac is associated with more severe acute kidney injury in nephropathia epidemica. <i>Scandinavian Journal of Urology and Nephrology</i> , 2012, 46, 65-69.	1.4	6
97	Clerkships do not improve recognition of patient hazards by advanced medical students during chart review. <i>Medical Teacher</i> , 2012, 34, 1087-1087.	1.8	2
98	Student tutors for hands-on training in focused emergency echocardiography “ a randomized controlled trial. <i>BMC Medical Education</i> , 2012, 12, 101.	2.4	45
99	Allele Summation of Diabetes Risk Genes Predicts Impaired Glucose Tolerance in Female and Obese Individuals. <i>PLoS ONE</i> , 2012, 7, e38224.	2.5	20
100	Effect of Supervised Students' Involvement on Diagnostic Accuracy in Hospitalized Medical Patients “ A Prospective Controlled Study. <i>PLoS ONE</i> , 2012, 7, e44866.	2.5	5
101	Polymorphism rs11085226 in the Gene Encoding Polypyrimidine Tract-Binding Protein 1 Negatively Affects Glucose-Stimulated Insulin Secretion. <i>PLoS ONE</i> , 2012, 7, e46154.	2.5	8
102	Nasal insulin changes peripheral insulin sensitivity simultaneously with altered activity in homeostatic and reward-related human brain regions. <i>Diabetologia</i> , 2012, 55, 1773-1782.	6.3	94
103	Exercise-induced albuminuria is associated with perivascular renal sinus fat in individuals at increased risk of type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 2054-2058.	6.3	64
104	Genetic variation within the TRPM5 locus associates with prediabetic phenotypes in subjects at increased risk for type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1325-1333.	3.4	47
105	Glucose-Raising Genetic Variants in MADD and ADCY5 Impair Conversion of Proinsulin to Insulin. <i>PLoS ONE</i> , 2011, 6, e23639.	2.5	38
106	Titelbild: Patient mit primärer Myelofibrose - Extramedulläre Hämatoopoese in Nierenbeckenkelchsystem und Ureteren Fallbericht. <i>Ultraschall in Der Medizin</i> , 2009, 30, 323-326.	1.5	0
107	Norfluoxetine and fluoxetine have similar anticonvulsant and Ca ²⁺ channel blocking potencies. <i>Brain Research Bulletin</i> , 2005, 67, 126-132.	3.0	31
108	Intimal Protection of Bypass-Veins During Intraoperative Storage in Blood or Euro-Collins-Solution: The Role of Medium, Temperature, and Time. <i>Thoracic and Cardiovascular Surgeon</i> , 1990, 38, 151-156.	1.0	9

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109	Postprandial Dynamics of Proglucagon Cleavage Products and Their Relation to Metabolic Health. Frontiers in Endocrinology, 0, 13, .	3.5	0