

# Wolfgang Patsch

## List of Publications by Year in descending order

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103  
papers

6,056  
citations

94433

37  
h-index

71685

76  
g-index

104  
all docs

104  
docs citations

104  
times ranked

7900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Hormone-Replacement Therapy with Various Cardiovascular Risk Factors in Postmenopausal Women. <i>New England Journal of Medicine</i> , 1993, 328, 1069-1075.	27.0	903
2	A common polymorphism in the promoter of UCP2 is associated with decreased risk of obesity in middle-aged humans. <i>Nature Genetics</i> , 2001, 28, 178-183.	21.4	340
3	TCF7L2 is reproducibly associated with type 2 diabetes in various ethnic groups: a global meta-analysis. <i>Journal of Molecular Medicine</i> , 2007, 85, 777-782.	3.9	321
4	Variants of ENPP1 are associated with childhood and adult obesity and increase the risk of glucose intolerance and type 2 diabetes. <i>Nature Genetics</i> , 2005, 37, 863-867.	21.4	290
5	Potential Role of Regulatory T Cells in Reversing Obesity-Linked Insulin Resistance and Diabetic Nephropathy. <i>Diabetes</i> , 2011, 60, 2954-2962.	0.6	262
6	Heme Oxygenase-1 Drives Metaflammation and Insulin Resistance in Mouse and Man. <i>Cell</i> , 2014, 158, 25-40.	28.9	243
7	Human Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 (PPARGC1) Gene: cDNA Sequence, Genomic Organization, Chromosomal Localization, and Tissue Expression. <i>Genomics</i> , 1999, 62, 98-102.	2.9	188
8	Clinical and Metabolic Characterization of Lean Caucasian Subjects With Non-alcoholic Fatty Liver. <i>American Journal of Gastroenterology</i> , 2017, 112, 102-110.	0.4	182
9	Association of Postprandial Triglyceride and Retinyl Palmitate Responses With Asymptomatic Carotid Artery Atherosclerosis in Middle-aged Men and Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 2122-2129.	2.4	146
10	A Functional Polymorphism in the Promoter of UCP2 Enhances Obesity Risk but Reduces Type 2 Diabetes Risk in Obese Middle-Aged Humans. <i>Diabetes</i> , 2002, 51, 3331-3335.	0.6	142
11	A single nucleotide polymorphism in the coding region of PGC-1 $\beta$ is a male-specific modifier of Huntington disease age-at-onset in a large European cohort. <i>BMC Neurology</i> , 2014, 14, 1.	1.8	137
12	Post Genome-Wide Association Studies of Novel Genes Associated with Type 2 Diabetes Show Gene-Gene Interaction and High Predictive Value. <i>PLoS ONE</i> , 2008, 3, e2031.	2.5	132
13	The gene coding for PGC-1 $\beta$ modifies age at onset in Huntington's Disease. <i>Molecular Neurodegeneration</i> , 2009, 4, 3.	10.8	119
14	Peroxisome Proliferator-Activated Receptor- $\gamma$ Coactivator-1 Gene Locus. <i>Diabetes</i> , 2002, 51, 1281-1286.	0.6	107
15	Complex Haplotypes of the PGC-1 $\beta$ Gene Are Associated With Carbohydrate Metabolism and Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 1385-1393.	0.6	99
16	Polymorphic Markers in Apolipoprotein C-III Gene Flanking Regions and Hypertriglyceridemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 941-947.	2.4	93
17	A greatly extended PPARGC1A genomic locus encodes several new brain-specific isoforms and influences Huntington disease age of onset. <i>Human Molecular Genetics</i> , 2012, 21, 3461-3473.	2.9	85
18	PGC-1 $\beta$ is a male-specific disease modifier of human and experimental amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2013, 22, 3477-3484.	2.9	74

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19	Racial Differences in Plasma High-Density Lipoproteins in Patients Receiving Hemodialysis. <i>New England Journal of Medicine</i> , 1983, 308, 1245-1252.	27.0	73
20	Targeting SREBPs for treatment of the metabolic syndrome. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 406-416.	8.7	73
21	Short-term Intraindividual Variability in Lipoprotein Measurements: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Epidemiology</i> , 1992, 136, 1069-1081.	3.4	70
22	Peroxisome Proliferator-activated Receptor (PPAR) $\beta$ Coactivator-1 Recruitment Regulates PPAR Subtype Specificity. <i>Journal of Biological Chemistry</i> , 2002, 277, 16750-16757.	3.4	70
23	The Mitochondrial T16189C Polymorphism Is Associated with Coronary Artery Disease in Middle European Populations. <i>PLoS ONE</i> , 2011, 6, e16455.	2.5	70
24	Effect of alcohol dose on plasma lipoprotein subfractions and lipolytic enzyme activity in active and inactive men. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 81-86.	3.4	63
25	Human but Not Mouse Adipogenesis Is Critically Dependent on LMO3. <i>Cell Metabolism</i> , 2013, 18, 62-74.	16.2	62
26	Leptin, Peroxisome Proliferator-Activated Receptor- $\beta$ , and CCAAT/Enhancer Binding Protein- $\beta$ mRNA Expression in Adipose Tissue of Humans and Their Relation to Cardiovascular Risk Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 443-449.	2.4	61
27	Mitochondrial Haplogroups and Control Region Polymorphisms in Age-Related Macular Degeneration: A Case-Control Study. <i>PLoS ONE</i> , 2012, 7, e30874.	2.5	54
28	Glucose acts as a regulator of serum iron by increasing serum hepcidin concentrations. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 112-117.	4.2	53
29	Peroxisome Proliferator-Activated Receptor- $\beta$ Coactivator-1 Gene Locus. <i>Hypertension</i> , 2003, 41, 368-372.	2.7	50
30	Different types of resistance training in type 2 diabetes mellitus: effects on glycaemic control, muscle mass and strength. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 1051-1060.	1.8	50
31	Molecular and Functional Characterization of Human Pendrin and its Allelic Variants. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 451-466.	1.6	49
32	Lipoprotein(a) and apolipoprotein changes after cardiac transplantation. <i>Journal of the American College of Cardiology</i> , 1991, 18, 926-930.	2.8	43
33	Screening for functional sequence variations and mutations in ABCA1. <i>Atherosclerosis</i> , 2004, 175, 269-279.	0.8	42
34	Retinol-Binding Protein 4 in Polycystic Ovary Syndrome—Association with Steroid Hormones and Response to Pioglitazone Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1229-1235.	3.6	42
35	Genetic determinants of acenocoumarol and phenprocoumon maintenance dose requirements. <i>European Journal of Clinical Pharmacology</i> , 2010, 66, 253-260.	1.9	42
36	Development of cholesterol homeostatic memory in the rat is influenced by maternal diets. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 468-473.	3.4	41

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37	Cross-Talk Between Interferon- $\beta$ and Hedgehog Signaling Regulates Adipogenesis. <i>Diabetes</i> , 2011, 60, 1668-1676.	0.6	37
38	Apolipoprotein A-II Influences the Substrate Properties of Human HDL $\alpha_2$ and HDL $\alpha_3$ for Hepatic Lipase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 755-762.	2.4	37
39	Effect of alcohol intake and exercise on plasma high-density lipoprotein cholesterol subfractions and apolipoprotein A-I in women. <i>American Journal of Cardiology</i> , 1986, 58, 148-151.	1.6	36
40	Measurements of Free Hemoglobin and Hemolysis Index: EDTA- or Lithium-Heparinate Plasma?. <i>Clinical Chemistry</i> , 2007, 53, 1717-1718.	3.2	36
41	Relations of vitamin D status, gender and type 2 diabetes in middle-aged Caucasians. <i>Acta Diabetologica</i> , 2015, 52, 39-46.	2.5	36
42	The Relation of High Density Lipoprotein Cholesterol and Its Subfractions to Apolipoprotein A-I and Fasting Triglycerides: The Role of Environmental Factors. <i>American Journal of Epidemiology</i> , 1992, 136, 546-557.	3.4	35
43	Plasma Leptin Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1686-1690.	2.4	34
44	Postprandial lipemia and coronary risk. <i>Current Atherosclerosis Reports</i> , 2000, 2, 232-242.	4.8	34
45	The conjugated linoleic acid isomer trans-9,trans-11 is a dietary occurring agonist of liver X receptor $\alpha$ . <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 660-666.	2.1	32
46	Characterization of Novel Peroxisome Proliferator-activated Receptor $\beta$ Coactivator-1 $\alpha$ (PGC-1 $\alpha$ ) Isoform in Human Liver. <i>Journal of Biological Chemistry</i> , 2011, 286, 42923-42936.	3.4	32
47	Metabolomic profiling identifies potential pathways involved in the interaction of iron homeostasis with glucose metabolism. <i>Molecular Metabolism</i> , 2017, 6, 38-47.	6.5	32
48	Zonal ultracentrifugation. <i>Methods in Enzymology</i> , 1986, 129, 3-26.	1.0	30
49	The T-381C SNP in BNP gene may be modestly associated with type 2 diabetes: an updated meta-analysis in 49 279 subjects. <i>Human Molecular Genetics</i> , 2009, 18, 2495-2501.	2.9	30
50	Transcriptional co-activator peroxisome proliferator-activated receptor (PPAR) $\beta$ co-activator-1 $\alpha$ is involved in the regulation of glucose-stimulated insulin secretion in INS-1E cells. <i>Journal of Molecular Medicine</i> , 2009, 87, 299-306.	3.9	30
51	Specific circulating phospholipids, acylcarnitines, amino acids and biogenic amines are aerobic exercise markers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 700-705.	1.3	29
52	The effect of triphasic oral contraceptives on plasma lipids and lipoproteins. <i>American Journal of Obstetrics and Gynecology</i> , 1989, 161, 1396-1401.	1.3	28
53	The Human Organic Anion Transporter Genes <i>OAT5</i> and <i>OAT7</i> Are Transactivated by Hepatocyte Nuclear Factor-1 $\alpha$ (HNF-1 $\alpha$ ). <i>Molecular Pharmacology</i> , 2010, 78, 1079-1087.	2.3	28
54	High-Density Lipoprotein Cholesterol, Plasma Triglyceride, and Coronary Heart Disease: Pathophysiology and Management. <i>Advances in Pharmacology</i> , 1995, 32, 375-426.	2.0	27

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55	Postprandial Lipemia: Reliability in an Epidemiologic Field Study. <i>American Journal of Epidemiology</i> , 1992, 136, 538-545.	3.4	26
56	Trends in Plasma Cholesterol Levels in the Atherosclerosis Risk in Communities (ARIC) Study. <i>Preventive Medicine</i> , 2000, 30, 252-259.	3.4	26
57	Effects of a 12-week alpine skiing intervention on endothelial progenitor cells, peripheral arterial tone and endothelial biomarkers in the elderly. <i>International Journal of Cardiology</i> , 2016, 214, 343-347.	1.7	26
58	The Uncoupling Protein-3 Gene Is Transcribed from Tissue-specific Promoters in Humans but Not in Rodents. <i>Journal of Biological Chemistry</i> , 2000, 275, 36394-36399.	3.4	25
59	Differential regulation of hepatic apolipoprotein A-I and A-II gene expression by thyroid hormone in rat liver. <i>Atherosclerosis</i> , 1992, 97, 161-170.	0.8	24
60	Hin dIII DNA polymorphism in the lipoprotein lipase gene and plasma lipid phenotypes and carotid artery atherosclerosis. <i>Human Genetics</i> , 1996, 98, 551-556.	3.8	24
61	The Relationship Between Lipids/Lipoproteins and Atherosclerosis in African Americans and Whites. <i>Annals of Epidemiology</i> , 1999, 9, 149-158.	1.9	23
62	The PPARGC1A locus and CNS-specific PGC-1 $\alpha$ isoforms are associated with Parkinson's Disease. <i>Neurobiology of Disease</i> , 2019, 121, 34-46.	4.4	23
63	Effect of sucrose diet on expression of apolipoprotein genes A-I, C-III and A-IV in rat liver. <i>Atherosclerosis</i> , 1992, 95, 147-156.	0.8	20
64	Thyroid Hormone Influences the Maturation of Apolipoprotein A-I Messenger RNA in Rat Liver. <i>Journal of Biological Chemistry</i> , 1995, 270, 3996-4004.	3.4	19
65	Effect of probucol on the composition of lipoproteins and on VLDL apoprotein B turnover. <i>Atherosclerosis</i> , 1983, 47, 271-278.	0.8	18
66	beta-Trace protein as a marker for cerebrospinal fluid rhinorrhea. <i>Clinical Chemistry</i> , 2002, 48, 939-41.	3.2	18
67	Cholesteryl ester transfer protein and hepatic lipase gene polymorphisms: Effects on hepatic mRNA levels, plasma lipids and carotid atherosclerosis. <i>Atherosclerosis</i> , 2011, 216, 374-380.	0.8	17
68	Potential Role of Upstream Stimulatory Factor 1 Gene Variant in Familial Combined Hyperlipidemia and Related Disorders. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1535-1544.	2.4	17
69	O-GlcNAcylation Suppresses the Ion Current ICl <sub>swell</sub> by Preventing the Binding of the Protein ICl <sub>in</sub> to $\beta$ -Integrin. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 607080.	3.7	16
70	Human <i>Obese</i> Gene Expression: Alternative Splicing of mRNA and Relation to Adipose Tissue Localization. <i>Obesity Surgery</i> , 1997, 7, 390-396.	2.1	15
71	Functional Testing of SLC26A4 Variants – Clinical and Molecular Analysis of a Cohort with Enlarged Vestibular Aqueduct from Austria. <i>International Journal of Molecular Sciences</i> , 2018, 19, 209.	4.1	15
72	Initial evaluation of the Roche COBAS TaqMan HIV-1 v2.0 assay for determining viral load in HIV-infected individuals. <i>Antiviral Therapy</i> , 2009, 14, 1189-1193.	1.0	14

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73	Allele Drop Out Conferred by a Frequent CYP2D6 Genetic Variation For Commonly Used CYP2D6*3 Genotyping Assays. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2297-2309.	1.6	14
74	ratios in plasmas of vegetarians. <i>Metabolism: Clinical and Experimental</i> , 1983, 32, 1142-1145.	3.4	13
75	The complete amino acid sequence of proapolipoprotein A-I of chicken high density lipoproteins. <i>FEBS Letters</i> , 1987, 224, 261-266.	2.8	13
76	Does exercise training impact clock genes in patients with coronary artery disease and type 2 diabetes mellitus?. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1375-1382.	1.8	13
77	[1] Apolipoproteins: Pathophysiology and clinical implications. <i>Methods in Enzymology</i> , 1996, 263, 3-32.	1.0	12
78	Associations of PPARGC1A Haplotypes With Plaque Score but Not With Intima-Media Thickness of Carotid Arteries in Middle-Aged Subjects. <i>Stroke</i> , 2006, 37, 2260-2265.	2.0	12
79	Cardiovascular Risk and Known Coronary Artery Disease Are Associated With Colorectal Adenoma and Advanced Neoplasia. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2348-2350.	2.8	12
80	No association of apolipoprotein A-IV codon 347 and 360 variation with atherosclerosis and lipid transport in a sample of mixed hyperlipidemics. <i>Genetic Epidemiology</i> , 1995, 12, 371-380.	1.3	11
81	The Human Pendrin Promoter Contains two N <sub>4</sub> GAS Motifs with Different Functional Relevance. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 238-248.	1.6	11
82	Structure, Immunology, and Cell Reactivity of Low Density Lipoprotein from Umbilical Vein of a Newborn Type II Homozygote. <i>Journal of Clinical Investigation</i> , 1980, 66, 123-129.	8.2	11
83	The Expression of CNS-Specific PPARGC1A Transcripts Is Regulated by Hypoxia and a Variable GT Repeat Polymorphism. <i>Molecular Neurobiology</i> , 2020, 57, 752-764.	4.0	10
84	Tangier disease in a black patient: An unusual clinical presentation. <i>American Journal of Medicine</i> , 1990, 89, 105-108.	1.5	9
85	Sudden infant death: no evidence for linkage to common polymorphisms in the uncoupling protein-1 and the $\beta$ -adrenergic receptor genes. <i>European Journal of Pediatrics</i> , 2002, 161, 337-339.	2.7	9
86	Interleukin-4 Induces CpG Site-Specific Demethylation of the Pendrin Promoter in Primary Human Bronchial Epithelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1491-1502.	1.6	9
87	Association between Cardiovascular Risk and Diabetes with Colorectal Neoplasia: A Site-Specific Analysis. <i>Journal of Clinical Medicine</i> , 2018, 7, 484.	2.4	9
88	The Hyperlipoproteinemias. <i>Medical Clinics of North America</i> , 1989, 73, 859-893.	2.5	8
89	Parathyroid Hormone is Related to Dysplasia and a Higher Rate of Distal Colorectal Adenoma in Women but Not Men. <i>Hormones and Cancer</i> , 2015, 6, 153-160.	4.9	8
90	Natural course of subjects with elevated liver tests and normal liver histology. <i>Liver International</i> , 2016, 36, 119-125.	3.9	8

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91	A <i>TOMM40/APOE</i> allele encoding <i>APOE</i> $\epsilon 3$ predicts high likelihood of late-onset Alzheimer's disease in autopsy cases. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1317.	1.2	8
92	Apolipoprotein E levels in vegetarians. <i>Metabolism: Clinical and Experimental</i> , 1982, 31, 917-921.	3.4	7
93	Associations of Haplotypes Upstream of <i>IRS1</i> with Insulin Resistance, Type 2 Diabetes, Dyslipidemia, Preclinical Atherosclerosis, and Skeletal Muscle <i>LOC646736</i> mRNA Levels. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-11.	2.3	6
94	Selective Activation of CNS and Reference <i>PPARGC1A</i> Promoters Is Associated with Distinct Gene Programs Relevant for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3296.	4.1	5
95	Use of the Operon Structure of the <i>C. elegans</i> Genome as a Tool to Identify Functionally Related Proteins. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 41-56.	1.6	4
96	Binding of the protein ICLn to $\beta 1$ -integrin contributes to the activation of ICLswell current. <i>Scientific Reports</i> , 2019, 9, 12195.	3.3	4
97	Postmenopausal Hormone-Replacement Therapy and Cardiovascular Risk. <i>Annals of Medicine</i> , 1995, 27, 149-156.	3.8	3
98	Regulation of lipoprotein receptors on a rat hepatoma cell line. <i>Atherosclerosis</i> , 1988, 69, 29-37.	0.8	2
99	Simple Non-Radioactive Methods of Analysis of Polymorphic Markers Flanking Human Apolipoprotein C-III Gene. <i>Disease Markers</i> , 1994, 12, 167-173.	1.3	2
100	Cardiac Troponins T and I: Reproducible Discrepancies in the Clinical Setting. <i>Clinical Chemistry</i> , 2011, 57, 134-136.	3.2	1
101	Risk of Hepatitis C Virus Transmission from Patients to Healthcare Workers: A Prospective Observational Study. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 759-761.	1.8	1
102	A Potassium-Selective Current Affected by Micromolar Concentrations of Anion Transport Inhibitors. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 867-882.	1.6	1
103	Relations of vitamin D status, gender and type 2 diabetes in middle-aged Caucasians:Reply to Dr. Guo. <i>Acta Diabetologica</i> , 2016, 53, 127-128.	2.5	0