

# Udo Sedorf

## List of Publications by Year in descending order

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68  
papers

12,296  
citations

76326

40  
h-index

102487

66  
g-index

69  
all docs

69  
docs citations

69  
times ranked

18578  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive 1000 Genomesâ€‘based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	21.4	2,054
2	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	21.4	1,982
3	Genetic Variants Associated with Lp(a) Lipoprotein Level and Coronary Disease. <i>New England Journal of Medicine</i> , 2009, 361, 2518-2528.	27.0	1,233
4	Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009, 41, 666-676.	21.4	1,104
5	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
6	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138.	21.4	501
7	Susceptibility to coronary artery disease and diabetes is encoded by distinct, tightly linked SNPs in the ANRIL locus on chromosome 9p. <i>Human Molecular Genetics</i> , 2008, 17, 806-814.	2.9	472
8	Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. <i>Diabetes</i> , 2010, 59, 3229-3239.	0.6	387
9	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. <i>Nature Genetics</i> , 2012, 44, 328-333.	21.4	375
10	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 2624-2634.	0.6	335
11	Suppression of Endothelial Cell Apoptosis by High Density Lipoproteins (HDL) and HDL-associated Lysosphingolipids. <i>Journal of Biological Chemistry</i> , 2001, 276, 34480-34485.	3.4	319
12	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 668-676.	4.7	161
13	Blood Pressure Loci Identified with a Gene-Centric Array. <i>American Journal of Human Genetics</i> , 2011, 89, 688-700.	6.2	159
14	Phytanic Acid Activates the Peroxisome Proliferator-activated Receptor $\hat{\pm}$ (PPAR $\hat{\pm}$ ) in Sterol Carrier Protein 2-/- Sterol Carrier Protein x-deficient Mice. <i>Journal of Biological Chemistry</i> , 1999, 274, 2766-2772.	3.4	156
15	Apolipoprotein(a) Genetic Sequence Variants Associated With Systemic Atherosclerosis and Coronary Atherosclerotic Burden But Not With Venous Thromboembolism. <i>Journal of the American College of Cardiology</i> , 2012, 60, 722-729.	2.8	149
16	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. <i>Circulation</i> , 2013, 128, 1310-1324.	1.6	128
17	Phytanic acid is ligand and transcriptional activator of murine liver fatty acid binding protein. <i>Journal of Lipid Research</i> , 1999, 40, 708-714.	4.2	114
18	Sterol carrier protein-2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1486, 45-54.	2.4	106

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19	Prevalence of Cholesteryl Ester Storage Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1866-1868.	2.4	99
20	Novel Associations of CPS1, MUT, NOX4, and DPEP1 With Plasma Homocysteine in a Healthy Population. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 142-150.	5.1	96
21	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012, 120, 4873-4881.	1.4	90
22	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	89
23	Effects of Long-Term Averaging of Quantitative Blood Pressure Traits on the Detection of Genetic Associations. <i>American Journal of Human Genetics</i> , 2014, 95, 49-65.	6.2	73
24	Activation of Phosphatidylinositol-Specific Phospholipase C by HDL-Associated Lysosphingolipid. Involvement in Mitogenesis but Not in Cholesterol Efflux. <i>Biochemistry</i> , 2000, 39, 15199-15207.	2.5	69
25	High Density Lipoproteins Induce Cell Cycle Entry in Vascular Smooth Muscle Cells Via Mitogen Activated Protein Kinase-dependent Pathway. <i>Thrombosis and Haemostasis</i> , 2001, 85, 730-735.	3.4	69
26	Involvement of Cdc42 Signaling in ApoA-I-induced Cholesterol Efflux. <i>Journal of Biological Chemistry</i> , 2003, 278, 53055-53062.	3.4	58
27	Interaction between periodontal disease and atherosclerotic vascular disease – Fact or fiction?. <i>Atherosclerosis</i> , 2015, 241, 555-560.	0.8	58
28	Branched Chain Fatty Acids Induce Nitric Oxide-dependent Apoptosis in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 49319-49325.	3.4	57
29	ADP-ribosylation factor (ARF)-like 7 (ARL7) is induced by cholesterol loading and participates in apolipoprotein AI-dependent cholesterol export. <i>FEBS Letters</i> , 2004, 566, 241-246.	2.8	57
30	Effects of ezetimibe and/or simvastatin on LDL receptor protein expression and on LDL receptor and HMG-CoA reductase gene expression: A randomized trial in healthy men. <i>Atherosclerosis</i> , 2008, 198, 198-207.	0.8	55
31	HDL <sup>3</sup> Stimulates Multiple Signaling Pathways in Human Skin Fibroblasts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 1975-1986.	2.4	53
32	Impaired Platelet Activation in Familial High Density Lipoprotein Deficiency (Tangier Disease). <i>Journal of Biological Chemistry</i> , 2004, 279, 34032-34037.	3.4	51
33	Identification of the <i>BCAR1-CFDP1-TMEM170A</i> Locus as a Determinant of Carotid Intima-Media Thickness and Coronary Artery Disease Risk. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 656-665.	5.1	47
34	Roles of Oral Infections in the Pathomechanism of Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1978.	4.1	47
35	Expression of ATP binding cassette-transporter ABCG1 prevents cell death by transporting cytotoxic 7 $\beta$ -hydroxycholesterol. <i>FEBS Letters</i> , 2007, 581, 1673-1680.	2.8	45
36	A Common <i>LPA</i> Null Allele Associates With Lower Lipoprotein(a) Levels and Coronary Artery Disease Risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2095-2099.	2.4	45

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37	Association of the T+294C polymorphism in PPAR $\gamma$ with low HDL cholesterol and coronary heart disease risk in women. <i>International Journal of Medical Sciences</i> , 2006, 3, 108-111.	2.5	44
38	A Novel Variant of Lysosomal Acid Lipase (Leu <sup>336</sup> Pro) Associated With Acid Lipase Deficiency and Cholesterol Ester Storage Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 773-778.	2.4	43
39	Homozygosity for a splice junction mutation in exon 8 of the gene encoding lysosomal acid lipase in a Spanish kindred with cholesterol ester storage disease (CESD). <i>Human Genetics</i> , 1995, 95, 491-4.	3.8	41
40	Gas Chromatography-Mass Spectrometry and Molecular Genetic Studies in Families with the Conradi-Hänermann-Happle Syndrome. <i>Journal of Investigative Dermatology</i> , 2002, 118, 851-858.	0.7	41
41	Cholesterol absorption inhibitor Ezetimibe blocks uptake of oxidized LDL in human macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 1337-1341.	2.1	41
42	Emerging roles of PPAR $\gamma$ in metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 1125-1131.	2.4	38
43	PROCAM Study: risk prediction for myocardial infarction using microfluidic high-density lipoprotein (HDL) subfractionation is independent of HDL cholesterol. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 490-8.	2.3	32
44	Phosphatidylcholine-specific Phospholipase C Regulates Thapsigargin-induced Calcium Influx in Human Lymphocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 32861-32868.	3.4	31
45	Identification of ZNF366 and PTPRD as novel determinants of plasma homocysteine in a family-based genome-wide association study. <i>Blood</i> , 2009, 114, 1417-1422.	1.4	30
46	Expression and functional characterization of ABCG1 splice variant ABCG1(666). <i>FEBS Letters</i> , 2006, 580, 4551-4559.	2.8	29
47	Phytanic Acid Accumulation Is Associated with Conduction Delay and Sudden Cardiac Death in Sterol Carrier Protein $\alpha$ 2/Sterol Carrier Protein $\alpha$ Deficient Mice. <i>Journal of Cardiovascular Electrophysiology</i> , 2004, 15, 1310-1316.	1.7	28
48	Oral health and access to dental care – a comparison of elderly migrants and non-migrants in Germany. <i>Ethnicity and Health</i> , 2018, 23, 703-717.	2.5	27
49	Chronic oral infection: An emerging risk factor of cerebral small vessel disease. <i>Oral Diseases</i> , 2019, 25, 710-719.	3.0	23
50	Cell Surface Localization of ABCG1 Does Not Require LXR Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, e143-4; author reply e145.	2.4	20
51	Potential Impact of Oral Inflammations on Cardiac Functions and Atrial Fibrillation. <i>Biomolecules</i> , 2018, 8, 66.	4.0	20
52	Roles of the Chr.9p21.3 ANRIL Locus in Regulating Inflammation and Implications for Anti-Inflammatory Drug Target Identification. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 47.	2.4	18
53	The Association of Periodontitis and Peripheral Arterial Occlusive Disease – A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2936.	4.1	14
54	3 $\beta$ ,5 $\alpha$ ,6 $\beta$ -Cholestanetriol and 25-hydroxycholesterol accumulate in ATP-binding cassette transporter G1 (ABCG1)-deficiency. <i>Atherosclerosis</i> , 2014, 235, 122-129.	0.8	13

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55	The association between coffee consumption and periodontitis: a cross-sectional study of a northern German population. <i>Clinical Oral Investigations</i> , 2022, 26, 2421-2427.	3.0	12
56	Periodontitis, dental plaque, and atrial fibrillation in the Hamburg City Health Study. <i>PLoS ONE</i> , 2021, 16, e0259652.	2.5	12
57	A missense mutation (Thr-6Pro) in the lysosomal acid lipase (LAL) gene is present with a high frequency in three different ethnic populations: Impact on serum lipoprotein concentrations. <i>Human Genetics</i> , 1996, 97, 265-267.	3.8	9
58	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. <i>PLoS ONE</i> , 2014, 9, e111156.	2.5	8
59	Association between periodontitis and metabolic syndrome in the Hamburg City Health Study. <i>Journal of Periodontology</i> , 2022, 93, 1150-1160.	3.4	8
60	Cross-sectional analysis of the association of periodontitis with carotid intima media thickness and atherosclerotic plaque in the Hamburg City health study. <i>Journal of Periodontal Research</i> , 0, , .	2.7	8
61	Determinants of Postponed Dental Visits Due to Costs: Evidence from the Survey of Health, Ageing, and Retirement in Germany. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3344.	2.6	7
62	Periodontal treatment and peripheral arterial disease severity – a retrospective analysis of health insurance claims data. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 128-132.	1.4	7
63	Association between Subjective Well-Being and Frequent Dental Visits in the German Ageing Survey. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3207.	2.6	5
64	Genes, diet and public health. <i>Genes and Nutrition</i> , 2007, 2, 75-80.	2.5	4
65	The Association of Periodontitis and Peripheral Arterial Occlusive Disease in a Prospective Population-Based Cross-Sectional Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2048.	2.4	3
66	High-Density Lipoprotein Mutations. , 2009, , 85-92.		2
67	Inflammation in atherosclerosis, not yet time for a paradigm shift?. <i>Current Opinion in Lipidology</i> , 2003, 14, 325-328.	2.7	1
68	Normal platelet reactivity in apolipoprotein E (apo E)-deficient mouse. <i>Platelets</i> , 2006, 17, 498-500.	2.3	0