

# Axel Muendlein

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,293  
citations

361045

20  
h-index

360668

35  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2882  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma levels of trimethylamine-N-oxide are confounded by impaired kidney function and poor metabolic control. <i>Atherosclerosis</i> , 2015, 243, 638-644.	0.4	175
2	Optimized Allele-Specific Real-Time PCR Assays for the Detection of Common Mutations in KRAS and BRAF. <i>Journal of Molecular Diagnostics</i> , 2011, 13, 23-28.	1.2	91
3	Estrogen-metabolizing gene polymorphisms in the assessment of breast carcinoma risk and fibroadenoma risk in Caucasian women. <i>Cancer</i> , 2004, 101, 264-269.	2.0	84
4	Single Nucleotide Polymorphisms of TCF7L2 Are Linked to Diabetic Coronary Atherosclerosis. <i>PLoS ONE</i> , 2011, 6, e17978.	1.1	68
5	Association Between the Chromosome 9p21 Locus and Angiographic Coronary Artery Disease Burden. <i>Journal of the American College of Cardiology</i> , 2013, 61, 957-970.	1.2	58
6	Identification of Hypoxia-Induced Genes in Human SGBS Adipocytes by Microarray Analysis. <i>PLoS ONE</i> , 2011, 6, e26465.	1.1	48
7	Significant impact of chromosomal locus 1p13.3 on serum LDL cholesterol and on angiographically characterized coronary atherosclerosis. <i>Atherosclerosis</i> , 2009, 206, 494-499.	0.4	43
8	Angiotensin-like protein 4 significantly predicts future cardiovascular events in coronary patients. <i>Atherosclerosis</i> , 2014, 237, 632-638.	0.4	42
9	Serum uromodulin is a predictive biomarker for cardiovascular events and overall mortality in coronary patients. <i>International Journal of Cardiology</i> , 2017, 231, 6-12.	0.8	42
10	Quercetin Impacts Expression of Metabolism- and Obesity-Associated Genes in SGBS Adipocytes. <i>Nutrients</i> , 2016, 8, 282.	1.7	41
11	High plasma chemerin is associated with renal dysfunction and predictive for cardiovascular events – Insights from phenotype and genotype characterization. <i>Vascular Pharmacology</i> , 2016, 77, 60-68.	1.0	40
12	Accurate quantitation of JAK2 V617F allele burden by array-based digital PCR. <i>International Journal of Laboratory Hematology</i> , 2015, 37, 217-224.	0.7	38
13	High plasma omentin predicts cardiovascular events independently from the presence and extent of angiographically determined atherosclerosis. <i>Atherosclerosis</i> , 2016, 244, 38-43.	0.4	37
14	Evaluation of the association of genetic variants on the chromosomal loci 9p21.3, 6q25.1, and 2q36.3 with angiographically characterized coronary artery disease. <i>Atherosclerosis</i> , 2009, 205, 174-180.	0.4	33
15	The -11377 C>G promoter variant of the adiponectin gene, prevalence of coronary atherosclerosis, and incidence of vascular events in men. <i>Thrombosis and Haemostasis</i> , 2007, 97, 451-457.	1.8	32
16	Hypoxia induces a HIF-1 $\alpha$ dependent signaling cascade to make a complex metabolic switch in SGBS-adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2014, 383, 21-31.	1.6	29
17	Significant survival impact of MACC1 polymorphisms in HER2 positive breast cancer patients. <i>European Journal of Cancer</i> , 2014, 50, 2134-2141.	1.3	29
18	A common variant of the MACC1 gene is significantly associated with overall survival in colorectal cancer patients. <i>BMC Cancer</i> , 2012, 12, 20.	1.1	27

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19	DNA microarray-based analysis of single nucleotide polymorphisms may be useful for assessing the risks and benefits of hormone therapy. <i>Fertility and Sterility</i> , 2004, 82, 132-137.	0.5	25
20	Evaluation of BRCA1/2 mutational status among German and Austrian women with triple-negative breast cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 2005-2012.	1.2	23
21	Low serum adiponectin is independently associated with both the metabolic syndrome and angiographically determined coronary atherosclerosis. <i>Clinica Chimica Acta</i> , 2007, 383, 97-102.	0.5	21
22	CD14 C-159T and Toll-Like Receptor 4 Asp299Gly Polymorphisms in Surviving Meningococcal Disease Patients. <i>PLoS ONE</i> , 2009, 4, e7374.	1.1	20
23	Occurrence of the <i>JAK2 V617F</i> mutation in patients with peripheral arterial disease. <i>American Journal of Hematology</i> , 2015, 90, E17-21.	2.0	19
24	Plasma C20-Sphingolipids predict cardiovascular events independently from conventional cardiovascular risk factors in patients undergoing coronary angiography. <i>Atherosclerosis</i> , 2015, 240, 216-221.	0.4	18
25	Evaluation of the prevalence and prospective clinical impact of the <i>JAK2 V617F</i> mutation in coronary patients. <i>American Journal of Hematology</i> , 2014, 89, 295-301.	2.0	17
26	Serial decline of kidney function as a novel biomarker for the progression of atherothrombotic disease. <i>Atherosclerosis</i> , 2010, 211, 348-352.	0.4	16
27	Coronary patients with high plasma omentin are at a higher cardiovascular risk. <i>Data in Brief</i> , 2016, 6, 158-161.	0.5	16
28	Significant impact of circulating tumour DNA mutations on survival in metastatic breast cancer patients. <i>Scientific Reports</i> , 2021, 11, 6761.	1.6	16
29	Association of a common genetic variant of the IGF-1 gene with event-free survival in patients with HER2-positive breast cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 491-498.	1.2	15
30	Common single nucleotide polymorphisms at the NPC1L1 gene locus significantly predict cardiovascular risk in coronary patients. <i>Atherosclerosis</i> , 2015, 242, 340-345.	0.4	14
31	Are AHSG polymorphisms directly associated with coronary atherosclerosis?. <i>Clinica Chimica Acta</i> , 2012, 413, 287-290.	0.5	13
32	Type 2 diabetes significantly modulates the cardiovascular risk conferred by the PAI-1 675 4G/5G polymorphism in angiographed coronary patients. <i>Clinica Chimica Acta</i> , 2008, 396, 18-22.	0.5	12
33	Are SGLT2 polymorphisms linked to diabetes mellitus and cardiovascular disease? Prospective study and meta-analysis. <i>Bioscience Reports</i> , 2019, 39, .	1.1	12
34	Confirmation of Host Genetic Determinants in the CFH Region and Susceptibility to Meningococcal Disease in a Central European Study Sample. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1115-1117.	1.1	11
35	Evaluation of the associations between circulating microRNAs and kidney function in coronary angiography patients. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F315-F321.	1.3	10
36	Serum glypican-4 is a marker of future vascular risk and mortality in coronary angiography patients. <i>Atherosclerosis</i> , 2022, 345, 33-38.	0.4	6

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37	Volatilomic Signatures of AGS and SNU-1 Gastric Cancer Cell Lines. <i>Molecules</i> , 2022, 27, 4012.	1.7	6
38	Direct blood PCR: TaqMan-probe based detection of the venous thromboembolism associated mutations factor V Leiden and prothrombin c.20210G>A without DNA extraction. <i>Clinica Chimica Acta</i> , 2019, 488, 221-225.	0.5	5
39	Serum Parathyroid Hormone Predicts Mortality in Coronary Angiography Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3874-e3881.	1.8	5
40	Prevalence of calreticulin exon 9 indel mutations in vascular risk patients. <i>Thrombosis Research</i> , 2016, 144, 215-217.	0.8	4
41	Serotonin is elevated in risk-genotype carriers of TCF7L2 - rs7903146. <i>Scientific Reports</i> , 2019, 9, 12863.	1.6	4
42	Real-time PCR based detection of the lactase non-persistence associated genetic variant LCT-13910C>T directly from whole blood. <i>Molecular Biology Reports</i> , 2019, 46, 2379-2385.	1.0	4
43	Real-time PCR based <i>HLA*27</i> screening directly in whole blood. <i>Hla</i> , 2020, 95, 189-195.	0.4	4
44	Genome-Wide Association Study Reveals a Polymorphism in the Podocyte Receptor RANK for the Decline of Renal Function in Coronary Patients. <i>PLoS ONE</i> , 2014, 9, e114240.	1.1	4
45	Type 2 diabetes and the risk of cardiovascular events in peripheral artery disease versus coronary artery disease. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002407.	1.2	3
46	Elevated levels of apolipoprotein D predict poor outcome in patients with suspected or established coronary artery disease. <i>Atherosclerosis</i> , 2022, 341, 27-33.	0.4	3
47	Clonal Evolution in Patients with Hormone Receptor Positive, HER-2 Negative Breast Cancer Treated with Chemotherapy or CDK4/6 Inhibitors. <i>Oncology Research and Treatment</i> , 2022, 45, 248-253.	0.8	3
48	Data on the association between CTRP1 and future major adverse cardiovascular events in patients undergoing coronary angiography. <i>Data in Brief</i> , 2019, 25, 104109.	0.5	2
49	Data on the association of serum glypican-4 with future major adverse cardiovascular events and mortality in patients undergoing coronary angiography. <i>Data in Brief</i> , 2022, 42, 108142.	0.5	2
50	Evaluation of the association of serum glypican-4 with prevalent and future kidney function. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
51	Quantitation of JAK2 V617F Allele Burden by Using the QuantStudio,® 3D Digital PCR System. <i>Methods in Molecular Biology</i> , 2018, 1768, 257-273.	0.4	1