

Axel Muendlein

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,023
citations

20
h-index

31
g-index

51
ext. papers

1,156
ext. citations

3.6
avg, IF

3.67
L-index

#	Paper	IF	Citations
48	Plasma levels of trimethylamine-N-oxide are confounded by impaired kidney function and poor metabolic control. <i>Atherosclerosis</i> , 2015 , 243, 638-44	3.1	130
47	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, 23-8	5.1	78
46	Estrogen-metabolizing gene polymorphisms in the assessment of breast carcinoma risk and fibroadenoma risk in Caucasian women. <i>Cancer</i> , 2004 , 101, 264-9	6.4	78
45	Single nucleotide polymorphisms of TCF7L2 are linked to diabetic coronary atherosclerosis. <i>PLoS ONE</i> , 2011 , 6, e17978	3.7	57
44	Association between the chromosome 9p21 locus and angiographic coronary artery disease burden: a collaborative meta-analysis. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 957-70	15.1	56
43	Identification of hypoxia-induced genes in human SGBS adipocytes by microarray analysis. <i>PLoS ONE</i> , 2011 , 6, e26465	3.7	45
42	Significant impact of chromosomal locus 1p13.3 on serum LDL cholesterol and on angiographically characterized coronary atherosclerosis. <i>Atherosclerosis</i> , 2009 , 206, 494-9	3.1	38
41	Accurate quantitation of JAK2 V617F allele burden by array-based digital PCR. <i>International Journal of Laboratory Hematology</i> , 2015 , 37, 217-24	2.5	35
40	Angiopietin-like protein 4 significantly predicts future cardiovascular events in coronary patients. <i>Atherosclerosis</i> , 2014 , 237, 632-8	3.1	33
39	High plasma omentin predicts cardiovascular events independently from the presence and extent of angiographically determined atherosclerosis. <i>Atherosclerosis</i> , 2016 , 244, 38-43	3.1	31
38	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, 174-80	3.1	30
37	Quercetin Impacts Expression of Metabolism- and Obesity-Associated Genes in SGBS Adipocytes. <i>Nutrients</i> , 2016 , 8,	6.7	30
36	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, 60-8	5.9	29
35	The -1377 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	7	29
34	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	3.2	28
33	Significant survival impact of MACC1 polymorphisms in HER2 positive breast cancer patients. <i>European Journal of Cancer</i> , 2014 , 50, 2134-41	7.5	24
32	A common variant of the MACC1 gene is significantly associated with overall survival in colorectal cancer patients. <i>BMC Cancer</i> , 2012 , 12, 20	4.8	24

31	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, 132-7	4.8	22
30	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, 2005-12	4.9	20
29	CD14 C-159T and toll-like receptor 4 Asp299Gly polymorphisms in surviving meningococcal disease patients. <i>PLoS ONE</i> , 2009 , 4, e7374	3.7	20
28	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	6.2	18
27	Hypoxia induces a HIF-1 α -dependent signaling cascade to make a complex metabolic switch in SGBS-adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2014 , 383, 21-31	4.4	17
26	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, 491-8	4.9	15
25	Serial decline of kidney function as a novel biomarker for the progression of atherothrombotic disease. <i>Atherosclerosis</i> , 2010 , 211, 348-52	3.1	14
24	Coronary patients with high plasma omentin are at a higher cardiovascular risk. <i>Data in Brief</i> , 2016 , 6, 158-61	1.2	13
23	Plasma C20-Sphingolipids predict cardiovascular events independently from conventional cardiovascular risk factors in patients undergoing coronary angiography. <i>Atherosclerosis</i> , 2015 , 240, 216-21	3.1	12
22	Common single nucleotide polymorphisms at the NPC1L1 gene locus significantly predict cardiovascular risk in coronary patients. <i>Atherosclerosis</i> , 2015 , 242, 340-5	3.1	12
21	Evaluation of the prevalence and prospective clinical impact of the JAK2 V617F mutation in coronary patients. <i>American Journal of Hematology</i> , 2014 , 89, 295-301	7.1	12
20	Are AHSG polymorphisms directly associated with coronary atherosclerosis?. <i>Clinica Chimica Acta</i> , 2012 , 413, 287-90	6.2	11
19	Occurrence of the JAK2 V617F mutation in patients with peripheral arterial disease. <i>American Journal of Hematology</i> , 2015 , 90, E17-21	7.1	10
18	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	6.2	10
17	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, 1115-7	3.4	8
16	Are SGLT2 polymorphisms linked to diabetes mellitus and cardiovascular disease? Prospective study and meta-analysis. <i>Bioscience Reports</i> , 2019 , 39,	4.1	5
15	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	4.3	5
14	Significant impact of circulating tumour DNA mutations on survival in metastatic breast cancer patients. <i>Scientific Reports</i> , 2021 , 11, 6761	4.9	4

13	Serotonin is elevated in risk-genotype carriers of TCF7L2 - rs7903146. <i>Scientific Reports</i> , 2019 , 9, 12863	4.9	3
12	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	3.7	3
11	Prevalence of calreticulin exon 9 indel mutations in vascular risk patients. <i>Thrombosis Research</i> , 2016 , 144, 215-7	8.2	3
10	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	6.2	3
9	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	1.2	2
8	Serum Parathyroid Hormone Predicts Mortality in Coronary Angiography Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	2
7	Serum glypican-4 is a marker of future vascular risk and mortality in coronary angiography patients.. <i>Atherosclerosis</i> , 2022 , 345, 33-38	3.1	1
6	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,	4.5	1
5	Real-time PCR based HLA-B*27 screening directly in whole blood. <i>Hla</i> , 2020 , 95, 189-195	1.9	1
4	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	2.8	1
3	Quantitation of JAK2 V617F Allele Burden by Using the QuantStudioBD Digital PCR System. <i>Methods in Molecular Biology</i> , 2018 , 1768, 257-273	1.4	0
2	Elevated levels of apolipoprotein D predict poor outcome in patients with suspected or established coronary artery disease.. <i>Atherosclerosis</i> , 2021 , 341, 27-33	3.1	0
1	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	1.2	0