

Klaus J Stark

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

13,125
citations

87888

38
h-index

58581

82
g-index

91
all docs

91
docs citations

91
times ranked

20294
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011, 43, 333-338.	21.4	1,685
2	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	21.4	1,439
3	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. <i>Nature Genetics</i> , 2016, 48, 134-143.	21.4	1,167
4	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. <i>Nature Genetics</i> , 2009, 41, 334-341.	21.4	990
5	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
6	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
7	A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. <i>Nature Genetics</i> , 2009, 41, 1182-1190.	21.4	481
8	New susceptibility locus for coronary artery disease on chromosome 3q22.3. <i>Nature Genetics</i> , 2009, 41, 280-282.	21.4	440
9	Genome-wide haplotype association study identifies the SLC22A3-LPAL2-LPA gene cluster as a risk locus for coronary artery disease. <i>Nature Genetics</i> , 2009, 41, 283-285.	21.4	427
10	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	27.8	383
11	Repeated Replication and a Prospective Meta-Analysis of the Association Between Chromosome 9p21.3 and Coronary Artery Disease. <i>Circulation</i> , 2008, 117, 1675-1684.	1.6	356
12	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
13	A genome-wide association study identifies two loci associated with heart failure due to dilated cardiomyopathy. <i>European Heart Journal</i> , 2011, 32, 1065-1076.	2.2	292
14	Association of Early Repolarization Pattern on ECG with Risk of Cardiac and All-Cause Mortality: A Population-Based Prospective Cohort Study (MONICA/KORA). <i>PLoS Medicine</i> , 2010, 7, e1000314.	8.4	246
15	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013, 504, 432-436.	27.8	230
16	Large-Scale Gene-Centric Analysis Identifies Novel Variants for Coronary Artery Disease. <i>PLoS Genetics</i> , 2011, 7, e1002260.	3.5	203
17	A Genome-Wide Association Study Reveals Variants in ARL15 that Influence Adiponectin Levels. <i>PLoS Genetics</i> , 2009, 5, e1000768.	3.5	148
18	Genetic Regulation of Serum Phytosterol Levels and Risk of Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 331-339.	5.1	141

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19	Genetic variation at chromosome 1p13.3 affects sortilin mRNA expression, cellular LDL-uptake and serum LDL levels which translates to the risk of coronary artery disease. <i>Atherosclerosis</i> , 2010, 208, 183-189.	0.8	141
20	Large Scale Association Analysis of Novel Genetic Loci for Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 774-780.	2.4	140
21	Lifelong Reduction of LDL-Cholesterol Related to a Common Variant in the LDL-Receptor Gene Decreases the Risk of Coronary Artery Disease—A Mendelian Randomisation Study. <i>PLoS ONE</i> , 2008, 3, e2986.	2.5	137
22	A Genome-Wide Association Study Identifies <i>LIPA</i> as a Susceptibility Gene for Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 403-412.	5.1	130
23	Discovery and prioritization of variants and genes for kidney function in >1.2 million individuals. <i>Nature Communications</i> , 2021, 12, 4350.	12.8	125
24	Genome-wide association study identifies a new locus for coronary artery disease on chromosome 10p11.23. <i>European Heart Journal</i> , 2011, 32, 158-168.	2.2	124
25	Genetic Association Study Identifies HSPB7 as a Risk Gene for Idiopathic Dilated Cardiomyopathy. <i>PLoS Genetics</i> , 2010, 6, e1001167.	3.5	110
26	Exome-wide association study reveals novel susceptibility genes to sporadic dilated cardiomyopathy. <i>PLoS ONE</i> , 2017, 12, e0172995.	2.5	92
27	Common Polymorphisms Influencing Serum Uric Acid Levels Contribute to Susceptibility to Gout, but Not to Coronary Artery Disease. <i>PLoS ONE</i> , 2009, 4, e7729.	2.5	90
28	Heritability of Early Repolarization. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 134-138.	5.1	89
29	Lack of Association Between the Trp719Arg Polymorphism in Kinesin-Like Protein-6 and Coronary Artery Disease in 19 Case-Control Studies. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1552-1563.	2.8	84
30	The novel genetic variant predisposing to coronary artery disease in the region of the PSRC1 and CELSR2 genes on chromosome 1 associates with serum cholesterol. <i>Journal of Molecular Medicine</i> , 2008, 86, 1233-1241.	3.9	80
31	Association of Common Polymorphisms in GLUT9 Gene with Gout but Not with Coronary Artery Disease in a Large Case-Control Study. <i>PLoS ONE</i> , 2008, 3, e1948.	2.5	75
32	Long-term pattern of brain natriuretic peptide and N-terminal pro brain natriuretic peptide and its determinants in the general population: contribution of age, gender, and cardiac and extra-cardiac factors. <i>European Journal of Heart Failure</i> , 2013, 15, 859-867.	7.1	70
33	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. <i>American Journal of Human Genetics</i> , 2013, 93, 236-248.	6.2	60
34	Volvox germline-specific genes that are putative targets of RegA repression encode chloroplast proteins. <i>Current Genetics</i> , 1999, 36, 363-370.	1.7	59
35	Genome-wide association meta-analysis for early age-related macular degeneration highlights novel loci and insights for advanced disease. <i>BMC Medical Genomics</i> , 2020, 13, 120.	1.5	56
36	Genetic pleiotropy between age-related macular degeneration and 16 complex diseases and traits. <i>Genome Medicine</i> , 2017, 9, 29.	8.2	52

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37	Genome-wide association analysis in dilated cardiomyopathy reveals two new players in systolic heart failure on chromosomes 3p25.1 and 22q11.23. <i>European Heart Journal</i> , 2021, 42, 2000-2011.	2.2	49
38	Generation of Highly Purified Human Cardiomyocytes from Peripheral Blood Mononuclear Cell-Derived Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0126596.	2.5	46
39	The Bacterial Paromomycin Resistance Gene, , as a Dominant Selectable Marker in. <i>Protist</i> , 2004, 155, 381-393.	1.5	42
40	Association of common polymorphisms in known susceptibility genes with rheumatoid arthritis in a Slovak population using osteoarthritis patients as controls. <i>Arthritis Research and Therapy</i> , 2009, 11, R70.	3.5	42
41	The lipoprotein subfraction profile: heritability and identification of quantitative trait loci. <i>Journal of Lipid Research</i> , 2008, 49, 715-723.	4.2	41
42	RANTES/CCL5 and Risk for Coronary Events: Results from the MONICA/KORA Augsburg Case-Cohort, Athero-Express and CARDIoGRAM Studies. <i>PLoS ONE</i> , 2011, 6, e25734.	2.5	40
43	Epistatic interaction between haplotypes of the ghrelin ligand and receptor genes influence susceptibility to myocardial infarction and coronary artery disease. <i>Human Molecular Genetics</i> , 2007, 16, 887-899.	2.9	35
44	Retinal Layer Thicknesses in Early Age-Related Macular Degeneration: Results From the German AugUR Study. , 2019, 60, 1581.		34
45	Genetic variation in the arachidonate 5-lipoxygenase-activating protein (<i>ALOX5AP</i>) is associated with myocardial infarction in the German population. <i>Clinical Science</i> , 2008, 115, 309-315.	4.3	32
46	Large-Scale Candidate Gene Analysis of HDL Particle Features. <i>PLoS ONE</i> , 2011, 6, e14529.	2.5	32
47	The German AugUR study: study protocol of a prospective study to investigate chronic diseases in the elderly. <i>BMC Geriatrics</i> , 2015, 15, 130.	2.7	31
48	On the impact of different approaches to classify age-related macular degeneration: Results from the German AugUR study. <i>Scientific Reports</i> , 2018, 8, 8675.	3.3	31
49	Common Genetic Variants in <i>ANK2</i> Modulate QT Interval. <i>Circulation: Cardiovascular Genetics</i> , 2008, 1, 93-99.	5.1	29
50	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2021, 139, 1299.	2.5	29
51	Genetic associations with lipoprotein subfractions provide information on their biological nature. <i>Human Molecular Genetics</i> , 2012, 21, 1433-1443.	2.9	28
52	Features of Age-Related Macular Degeneration in the General Adults and Their Dependency on Age, Sex, and Smoking: Results from the German KORA Study. <i>PLoS ONE</i> , 2016, 11, e0167181.	2.5	27
53	Lymphotoxin- α and galectin-2 SNPs are not associated with myocardial infarction in two different German populations. <i>Journal of Molecular Medicine</i> , 2007, 85, 997-1004.	3.9	25
54	NT-proBNP Predicts Cardiovascular Death in the General Population Independent of Left Ventricular Mass and Function: Insights from a Large Population-Based Study with Long-Term Follow-Up. <i>PLoS ONE</i> , 2016, 11, e0164060.	2.5	25

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55	The common Y402H variant in complement factor H gene is not associated with susceptibility to myocardial infarction and its related risk factors. <i>Clinical Science</i> , 2007, 113, 213-218.	4.3	24
56	CYB5A polymorphism increases androgens and reduces risk of rheumatoid arthritis in women. <i>Arthritis Research and Therapy</i> , 2015, 17, 56.	3.5	24
57	Identification and MS-assisted interpretation of genetically influenced NMR signals in human plasma. <i>Genome Medicine</i> , 2013, 5, 13.	8.2	23
58	FGF21 signalling pathway and metabolic traits " genetic association analysis. <i>European Journal of Human Genetics</i> , 2010, 18, 1344-1348.	2.8	22
59	Estimates and Determinants of SARS-Cov-2 Seroprevalence and Infection Fatality Ratio Using Latent Class Analysis: The Population-Based Tirschenreuth Study in the Hardest-Hit German County in Spring 2020. <i>Viruses</i> , 2021, 13, 1118.	3.3	22
60	Expression pattern in human macrophages dependent on 9p21.3 coronary artery disease risk locus. <i>Atherosclerosis</i> , 2013, 227, 244-249.	0.8	21
61	Slit3 inhibits Robo3-induced invasion of synovial fibroblasts in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R45.	3.5	19
62	Proteomic Profiling Implies Mitochondrial Dysfunction in Tachycardia-Induced Heart Failure. <i>Journal of Cardiac Failure</i> , 2012, 18, 660-673.	1.7	19
63	Investigating the modulation of genetic effects on late AMD by age and sex: Lessons learned and two additional loci. <i>PLoS ONE</i> , 2018, 13, e0194321.	2.5	19
64	Adiponectin Multimeric Forms but not Total Adiponectin Levels are Associated with Myocardial Infarction in Non-Diabetic Men. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 616-627.	2.0	19
65	Association between <i>PPARα</i> gene polymorphisms and myocardial infarction. <i>Clinical Science</i> , 2008, 115, 301-308.	4.3	17
66	N-cadherin promoter polymorphisms and risk of osteoarthritis. <i>FASEB Journal</i> , 2014, 28, 683-691.	0.5	15
67	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019, 4, .	5.0	15
68	Physical Activity, Incidence, and Progression of Age-Related Macular Degeneration: A Multicohort Study. <i>American Journal of Ophthalmology</i> , 2022, 236, 99-106.	3.3	13
69	Lack of Association Between a Common Polymorphism Near the <i>INSIG2</i> Gene and BMI, Myocardial Infarction, and Cardiovascular Risk Factors. <i>Obesity</i> , 2009, 17, 1390-1395.	3.0	12
70	IDGenerator: unique identifier generator for epidemiologic or clinical studies. <i>BMC Medical Research Methodology</i> , 2016, 16, 120.	3.1	12
71	Chances and challenges of machine learning-based disease classification in genetic association studies illustrated on age-related macular degeneration. <i>Genetic Epidemiology</i> , 2020, 44, 759-777.	1.3	12
72	Genetic Control of Germ-Soma Differentiation in <i>Volvox carteri</i> . <i>Protist</i> , 2002, 153, 99-107.	1.5	10

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73	Genetics in neuroendocrine immunology: implications for rheumatoid arthritis and osteoarthritis. <i>Annals of the New York Academy of Sciences</i> , 2010, 1193, 10-14.	3.8	8
74	Poor risk factor control in outpatients with diabetes mellitus type 2 in Germany: The DIAbetes COHoRtE (DIACORE) study. <i>PLoS ONE</i> , 2019, 14, e0213157.	2.5	8
75	1,25-dihydroxyvitamin-D3 but not the clinically applied marker 25-hydroxyvitamin-D3 predicts survival after stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2021, 56, 419-433.	2.4	8
76	Incidence, progression and risk factors of age-related macular degeneration in 35-95-year-old individuals from three jointly designed German cohort studies. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000912.	1.6	7
77	Changes in healthcare seeking and lifestyle in old aged individuals during COVID-19 lockdown in Germany: the population-based AugUR study. <i>BMC Geriatrics</i> , 2022, 22, 34.	2.7	7
78	Lack of association of genetic variants in the LRP8 gene with familial and sporadic myocardial infarction. <i>Journal of Molecular Medicine</i> , 2008, 86, 1163-1170.	3.9	6
79	Distribution and specificity of high-sensitivity cardiac troponin T in older adults without acute cardiac conditions: cross-sectional results from the population-based AugUR study. <i>BMJ Open</i> , 2021, 11, e052004.	1.9	6
80	Relative Telomere Length Is Associated With Age-Related Macular Degeneration in Women. , 2022, 63, 30.		6
81	Anti-Thymocyte Globulin Treatment Augments 1,25-Dihydroxyvitamin D3 Serum Levels in Patients Undergoing Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 803726.	4.8	3
82	Harmonization of Study and Reference Data by PhaseLift: Saving Time When Imputing Study Data. <i>Genetic Epidemiology</i> , 2014, 38, 381-388.	1.3	1
83	Frequency of hand eczema in the elderly: Cross-sectional findings from the German AugUR study. <i>Contact Dermatitis</i> , 2021, 85, 489-493.	1.4	1
84	Reply to the Letter by Hayashi et al. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, .	5.1	0