Kimmo K Kontula

List of Publications by Year in descending order

58 papers	2,336 citations	201674 27 h-index	214800 47 g-index
59 all docs	59 docs citations	59 times ranked	3971 citing authors

#	Article	IF	Citations
1	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	21.4	281
2	Genome-wide association study of primary sclerosing cholangitis identifies new risk loci and quantifies the genetic relationship with inflammatory bowel disease. Nature Genetics, 2017, 49, 269-273.	21.4	230
3	Increased Risk of Acute Myocardial Infarction in Carriers of the Hemochromatosis Gene Cys282Tyr Mutation. Circulation, 1999, 100, 1274-1279.	1.6	224
4	Arg506Gln Factor V Mutation (Factor V Leiden) in Patients with Ischaemic Cerebrovascular Disease and Survivors of Myocardial Infarction. Thrombosis and Haemostasis, 1995, 73, 558-560.	3.4	146
5	Genomic Association Analysis of Common Variants Influencing Antihypertensive Response to Hydrochlorothiazide. Hypertension, 2013, 62, 391-397.	2.7	96
6	Catecholaminergic polymorphic ventricular tachycardia: Recent mechanistic insights. Cardiovascular Research, 2005, 67, 379-387.	3.8	84
7	Antiarrhythmic Effects of Dantrolene in Patients with Catecholaminergic Polymorphic Ventricular Tachycardia and Replication of the Responses Using iPSC Models. PLoS ONE, 2015, 10, e0125366.	2.5	77
8	Pharmacogenomics of Hypertension: A Genomeâ€Wide, Placeboâ€Controlled Crossâ€Over Study, Using Four Classes of Antihypertensive Drugs. Journal of the American Heart Association, 2015, 4, e001521.	3.7	74
9	Glucocorticoid Receptors in Adrenocorticoid Disorders*. Journal of Clinical Endocrinology and Metabolism, 1980, 51, 654-657.	3.6	68
10	Survey of the coding region of the HERG gene in long QT syndrome reveals six novel mutations and an amino acid polymorphism with possible phenotypic effects. Human Mutation, 2000, 15, 580-581.	2.5	66
11	Predictors of Antihypertensive Drug Responses: Initial Data from a Placebo-Controlled, Randomized, Cross-Over Study With Four Antihypertensive Drugs (The GENRES Study). American Journal of Hypertension, 2007, 20, 311-318.	2.0	63
12	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. Nature Communications, 2016, 7, 12342.	12.8	50
13	HUMAN GRANULOSA CELLS CONTAIN INSULINâ€LIKE GROWTH FACTORâ€BINDING PROTEIN (IGF BPâ€1) mRNA. Clinical Endocrinology, 1990, 32, 635-640.	2.4	49
14	Gain-of-Function Mutation of the SCN5A Gene Causes Exercise-Induced Polymorphic Ventricular Arrhythmias. Circulation: Cardiovascular Genetics, 2014, 7, 771-781.	5.1	49
15	Prediction of sudden cardiac death with automated high-throughput analysis of heterogeneity in standard resting 12-lead electrocardiograms. Heart Rhythm, 2016, 13, 713-720.	0.7	46
16	Familial hypercholesterolaemia in Finland: common, rare and mild mutations of the LDL receptor and their clinical consequences. Annals of Medicine, 2001, 33, 410-421.	3.8	45
17	PTPRD gene associated with blood pressure response to atenolol and resistant hypertension. Journal of Hypertension, 2015, 33, 2278-2285.	0.5	38
18	Cholesterol Absorption and Metabolism and LDL Kinetics in Healthy Men With Different Apoprotein E Phenotypes and Apoprotein B Xba I and LDL Receptor Pvu II Genotypes. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 208-213.	2.4	37

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19	Molecular genetics of the long QT syndrome: Two novel mutations of the KVLQT1 gene and phenotypic expression of the mutant gene in a large kindred. Human Mutation, 1998, 11, 158-165.	2.5	37
20	Genetic risk factors and ischaemic cerebrovascular disease: role of common variation of the genes encoding apolipoproteins and angiotensin-converting enzyme. Annals of Medicine, 1998, 30, 224-233.	3.8	37
21	Neonatal Diagnosis of Familial Hypercholesterolemia in Newborns Born to a Parent With a Molecularly Defined Heterozygous Familial Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 3332-3337.	2.4	36
22	Association of lipoprotein base Ser447Ter polymorphism with brain infarction: a population-based neuropathological study. Annals of Medicine, 2001, 33, 486-492.	3.8	36
23	Genome-Wide and Gene-Based Meta-Analyses Identify Novel Loci Influencing Blood Pressure Response to Hydrochlorothiazide. Hypertension, 2017, 69, 51-59.	2.7	34
24	Variability gene effects of DNA polymorphisms at the apo B, apo AI/C III and apo E loci on serum lipids: the Cardiovascular Risk in Young Finns Study. Clinical Genetics, 1994, 45, 113-121.	2.0	32
25	Laboratory tests as predictors of the antihypertensive effects of amlodipine, bisoprolol, hydrochlorothiazide and losartan in men: results from the randomized, double-blind, crossover GENRES Study. Journal of Hypertension, 2008, 26, 1250-1256.	0.5	29
26	TET2 and CSMD1 genes affect SBP response to hydrochlorothiazide in never-treated essential hypertensives. Journal of Hypertension, 2015, 33, 1301-1309.	0.5	29
27	Effects of four different antihypertensive drugs on plasma metabolomic profiles in patients with essential hypertension. PLoS ONE, 2017, 12, e0187729.	2.5	29
28	Does Apolipoprotein E Influence Learning and Memory in the Nondemented Oldest Old?. International Psychogeriatrics, 2001, 13, 451-459.	1.0	27
29	Genome-wide association study identifies CAMKID variants involved in blood pressure response to losartan: the SOPHIA study. Pharmacogenomics, 2014, 15, 1643-1652.	1.3	27
30	Effects of cardioactive drugs on human induced pluripotent stem cell derived long QT syndrome cardiomyocytes. SpringerPlus, 2016, 5, 234.	1.2	24
31	The beta-adrenergic system in man: Physiological and pathophysiological response: Regulation of receptor density and functioning. Scandinavian Journal of Clinical and Laboratory Investigation, 1990, 50, 25-43.	1.2	23
32	Genomeâ€Wide Metaâ€Analysis of Blood Pressure Response to Î² ₁ â€Blockers: Results From ICAPS (International Consortium of Antihypertensive Pharmacogenomics Studies). Journal of the American Heart Association, 2019, 8, e013115.	3.7	21
33	Follow-Up of 316 Molecularly Defined Pediatric Long-QT Syndrome Patients. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 815-823.	4.8	20
34	Slowed depolarization and irregular repolarization in catecholaminergic polymorphic ventricular tachycardia: a study from cellular Ca²⁺transients and action potentials to clinical monophasic action potentials and electrocardiography. Europace, 2016, 18, 1599-1607.	1.7	20
35	Replicated evidence for aminoacylase 3 and nephrin gene variations to predict antihypertensive drug responses. Pharmacogenomics, 2017, 18, 445-458.	1.3	18
36	Testing of human homologues of murine obesity genes as candidate regions in Finnish obese sib pairs. European Journal of Human Genetics, 1999, 7, 117-124.	2.8	17

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37	Apolipoprotein E, Cognitive Function, and Dementia in a General Population Aged 85 Years and Over. International Psychogeriatrics, 2000, 12, 379-387.	1.0	17
38	Human essential hypertension: no significant association of polygenic risk scores with antihypertensive drug responses. Scientific Reports, 2020, 10, 11940.	3.3	11
39	A novel point mutation (Pro84 â†•Ser) of the low density lipoprotein receptor gene in a family with moderate hypercholesterolemia. Clinical Genetics, 1997, 51, 191-195.	2.0	10
40	Response by Crotti et al to Letter Regarding Article, â€œGenetic Modifiers for the Long-QT Syndrome: How Important Is the Role of Variants in the 3â€² Untranslated Region of KCNQ1?â€• Circulation: Cardiovascular Genetics, 2016, 9, 581-582.	5.1	10
41	Stressful life events and depressive symptoms among symptomatic long QT syndrome patients. Journal of Health Psychology, 2016, 21, 505-512.	2.3	9
42	Molecular genetics of the long QT syndrome: Two novel mutations of the KVLQT1 gene and phenotypic expression of the mutant gene in a large kindred. Human Mutation, 1998, 11, 158-165.	2.5	8
43	Endoplasmic reticulum stress increases AT1R mRNA expression via TIA-1-dependent mechanism. Nucleic Acids Research, 2016, 44, 3095-3104.	14.5	7
44	Genome-wide association study of nocturnal blood pressure dipping in hypertensive patients. BMC Medical Genetics, 2018, 19, 110.	2.1	7
45	Pharmacoepigenetics of hypertension: genome-wide methylation analysis of responsiveness to four classes of antihypertensive drugs using a double-blind crossover study design. Epigenetics, 2022, , 1-14.	2.7	7
46	A novel deletion/inversion mutation in the low-density lipoprotein receptor gene as a cause of heterozygous familial hypercholesterolemia. , 1996, 8, 326-332.		6
47	Genome-wide association study of white-coat effect in hypertensive patients. Blood Pressure, 2019, 28, 239-249.	1.5	6
48	Adverse Cardiovascular Outcomes and Antihypertensive Treatment: A Genomeâ€Wide Interaction Metaâ€Analysis in the International Consortium for Antihypertensive Pharmacogenomics Studies. Clinical Pharmacology and Therapeutics, 2021, 110, 723-732.	4.7	6
49	Survey of the coding region of the HERG gene in long QT syndrome reveals six novel mutations and an amino acid polymorphism with possible phenotypic effects Communicated by: Mark H. Paalman Online Citation: Human Mutation, Mutation in Brief #334 (2000) Online http://journals.wiley.com/1059-7794/pdf/mutation/334.pdf. Human Mutation, 2000, 15, 580.	2.5	5
50	Molecular Basis of Hyperlipidemias: Lessons from the Finnish Gene Inheritage. Annals of Medicine, 1990, 22, 303-305.	3.8	3
51	The Use of PCR in Diagnosing Lipoprotein Disorders. Annals of Medicine, 1992, 24, 195-199.	3.8	2
52	Effect of four classes of antihypertensive drugs on cardiac repolarization heterogeneity: A double-blind rotational study. PLoS ONE, 2020, 15, e0230655.	2.5	1
53	Genealogy and clinical course of catecholaminergic polymorphic ventricular tachycardia caused by the ryanodine receptor type 2 P2328S mutation. PLoS ONE, 2020, 15, e0243649.	2.5	1
54	Chromosomal Region 11p14.1 is Associated with Pharmacokinetics and Pharmacodynamics of Bisoprolol. Pharmacogenomics and Personalized Medicine, 2022, Volume 15, 249-260.	0.7	1

#	Article	IF	Citations
55	Preface to the proceedings of the XIV Paavo Nurmi Symposium. Annals of Medicine, 2004, 36, 3-3.	3.8	0
56	Effect of hydrochlorothiazide on serum uric acid concentration: a genome-wide association study. Pharmacogenomics, 2018, 19, 517-527.	1.3	0
57	Arg 506 Gin Factor V Mutation (Factor V Leiden) in Patients with Familial Hypercholesterolaemia. Thrombosis and Haemostasis, 1996, 75, 975-976.	3.4	0
58	Effects of beta-blockers on ventricular repolarization documented by 24-h electrocardiography in long-QT syndrome type 2. Heart Rhythm, 2022, , .	0.7	0