Cheng-Qi Xu

List of Publications by Year
in descending order

77 papers	2,009 citations	257101 24 h-index	276539 41 g-index
78 all docs	78 docs citations	78 times ranked	2806 citing authors

#	Article	IF	Citations
1	Endothelial cell metabolic memory causes cardiovascular dysfunction in diabetes. Cardiovascular Research, 2022, 118, 196-211.	1.8	26
2	Genetic association analysis between IL9 and coronary artery disease in a Chinese Han population. Cytokine, 2022, 150, 155761.	1.4	3
3	Mechanistic insights into the interaction of cardiac sodium channel Nav1.5 with MOG1 and a new molecular mechanism for Brugada syndrome. Heart Rhythm, 2022, 19, 478-489.	0.3	6
4	DOCK2 regulates antifungal immunity by regulating RAC GTPase activity. Cellular and Molecular Immunology, 2022, 19, 602-618.	4.8	9
5	Identification and functional analysis of two new de novo KCNMA1 variants associated with Liangâ€“Wang syndrome. Acta Physiologica, 2022, 235, e13800.	1.8	14
6	Rod genesis driven by mafba in an nrl knockout zebrafish model with altered photoreceptor composition and progressive retinal degeneration. PLoS Genetics, 2022, 18, e1009841.	1.5	8
7	Angiogenic factor AGGF1 blocks neointimal formation after vascular injury via interaction with integrin Î±7 on vascular smooth muscle cells. Journal of Biological Chemistry, 2022, 298, 101759.	1.6	9
8	Hyperlipidemia patients carrying LDLR splicing mutation c.1187-2A>G respond favorably to rosuvastatin and PCSK9 inhibitor evolocumab. Molecular Genetics and Genomics, 2022, 297, 833-841.	1.0	3
9	Identification and characterization of a special type of subnuclear structure: AGGF1â€coated paraspeckles. FASEB Journal, 2022, 36, .	0.2	3
10	Mog1 knockout causes cardiac hypertrophy and heart failure by downregulating tbx5â€cryabâ€hspb2 signalling in zebrafish. Acta Physiologica, 2021, 231, e13567.	1.8	14
11	Angiogenic factor AGGF1 acts as a tumor suppressor by modulating p53 post-transcriptional modifications and stability via MDM2. Cancer Letters, 2021, 497, 28-40.	3.2	14
12	Role of epigenetic m 6 A RNA methylation in vascular development: mettl3 regulates vascular development through PHLPP2/mTORâ€AKT signaling. FASEB Journal, 2021, 35, e21465.	0.2	10
13	A genomeâ€wide association study identifies novel association between genetic variants in GGT7 and LINC00944 and hypertension. Clinical and Translational Medicine, 2021, 11, e388.	1.7	3
14	Feedback regulation of coronary artery disease susceptibility gene ADTRP and LDL receptors LDLR/CD36/LOX-1 in endothelia cell functions involved in atherosclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166130.	1.8	5
15	Receptor and Molecular Mechanism of AGGF1 Signaling in Endothelial Cell Functions and Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2756-2769.	1.1	7
16	Functional rare variant in a C/EBP beta binding site in NINJ2 gene increases the risk of coronary artery disease. Aging, 2021, 13, 25393-25407.	1.4	11
17	SNP rs2243828 in MPO associated with myeloperoxidase level and atrial fibrillation risk in Chinese Han population. Journal of Cellular and Molecular Medicine, 2020, 24, 10263-10266.	1.6	5
18	Statistical and Functional Studies Identify Epistasis of Cardiovascular Risk Genomic Variants From Genomeâ€Wide Association Studies. Journal of the American Heart Association, 2020, 9, e014146.	1.6	19

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19	ADTRP regulates TFPI expression via transcription factor POU1F1 involved in coronary artery disease. Gene, 2020, 753, 144805.	1.0	9
20	Ubiquitination-activating enzymes UBE1 and UBA6 regulate ubiquitination and expression of cardiac sodium channel Nav1.5. Biochemical Journal, 2020, 477, 1683-1700.	1.7	9
21	Annotation of susceptibility SNPs associated with atrial fibrillation. Aging, 2020, 12, 16981-16998.	1.4	3
22	SUMOylation of Vps34 by SUMO1 promotes phenotypic switching of vascular smooth muscle cells by activating autophagy in pulmonary arterial hypertension. Pulmonary Pharmacology and Therapeutics, 2019, 55, 38-49.	1.1	28
23	De novo loss-of-function KCNMA1 variants are associated with a new multiple malformation syndrome and a broad spectrum of developmental and neurological phenotypes. Human Molecular Genetics, 2019, 28, 2937-2951.	1.4	76
24	Angiogenic Factor AGGF1-Primed Endothelial Progenitor Cells Repair Vascular Defect in Diabetic Mice. Diabetes, 2019, 68, 1635-1648.	0.3	19
25	Identification of rare variants in cardiac sodium channel Î²4-subunit gene SCN4B associated with ventricular tachycardia. Molecular Genetics and Genomics, 2019, 294, 1059-1071.	1.0	5
26	Significant association of rare variant p.Gly8Ser in cardiac sodium channel Î²4â€subunit SCN4B with atrial fibrillation. Annals of Human Genetics, 2019, 83, 239-248.	0.3	22
27	Identification of a p.Trp403* nonsense variant in PHEX causing Xâ€linked hypophosphatemia by inhibiting p38 MAPK signaling. Human Mutation, 2019, 40, 879-885.	1.1	5
28	A family with Liddle's syndrome caused by a new c.1721 deletion mutation in the epithelial sodium channel Î²â€˜subunit. Experimental and Therapeutic Medicine, 2019, 17, 2777-2784.	0.8	2
29	UBC9 regulates cardiac sodium channel Nav1.5 ubiquitination, degradation and sodium current density. Journal of Molecular and Cellular Cardiology, 2019, 129, 79-91.	0.9	16
30	Genomic Variants in NEURL, GJA1 and CUX2 Significantly Increase Genetic Susceptibility to Atrial Fibrillation. Scientific Reports, 2018, 8, 3297.	1.6	21
31	Significant Association between OPG/TNFRSF11B Variant and Common Complex Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1683-1691.	0.7	7
32	IL-13 may be involved in the development of CAD via different mechanisms under different conditions in a Chinese Han population. Scientific Reports, 2018, 8, 6182.	1.6	12
33	Identification of a new adtrp1â€tfpi regulatory axis for the specification of primitive myelopoiesis and definitive hematopoiesis. FASEB Journal, 2018, 32, 183-194.	0.2	13
34	Significant genetic association of a functional TFPI variant with circulating fibrinogen levels and coronary artery disease. Molecular Genetics and Genomics, 2018, 293, 119-128.	1.0	24
35	A novel <scp>FBN</scp>2 mutation cosegregates with congenital contractural arachnodactyly in a fiveâ€generation Chinese family. Clinical Case Reports (discontinued), 2018, 6, 1612-1617.	0.2	4
36	phlda3 overexpression impairs specification of hemangioblasts and vascular development. FEBS Journal, 2018, 285, 4071-4081.	2.2	13

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37	Small GTPases SAR1A and SAR1B regulate the trafficking of the cardiac sodium channel Nav1.5. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3672-3684.	1.8	20
38	Angiotensin II increases angiogenesis by NFâ€ºBâ€“mediated transcriptional activation of angiogenic factor AGGF1. FASEB Journal, 2018, 32, 5051-5062.	0.2	21
39	Genetic Regulation of the Thymic Stromal Lymphopoietin (TSLP)/TSLP Receptor (TSLPR) Gene Expression and Influence of Epistatic Interactions Between IL-33 and the TSLP/TSLPR Axis on Risk of Coronary Artery Disease. Frontiers in Immunology, 2018, 9, 1775.	2.2	12
40	Abstract 501: Angiotensin II Increases Angiogenesis by Nf-ÎºB-mediated Transcriptional Activation of Angiogenic Factor Aggf1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0
41	Mutational analysis ofHOXA10gene in Chinese patients with cryptorchidism. Andrologia, 2017, 49, e12592.	1.0	6
42	Loss of heterozygosity detected at three short tandem repeat locus commonly used for human DNA identification in a case of paternity testing. Legal Medicine, 2017, 24, 7-11.	0.6	13
43	Genomic Variant in IL-37 Confers A Significant Risk of Coronary Artery Disease. Scientific Reports, 2017, 7, 42175.	1.6	31
44	NINJ2â€“ A novel regulator of endothelial inflammation and activation. Cellular Signalling, 2017, 35, 231-241.	1.7	32
45	Exomic and Epigenomic Analyses in a Pair of Monozygotic Twins Discordant for Cryptorchidism. Twin Research and Human Genetics, 2017, 20, 349-354.	0.3	8
46	Identification of a molecular signaling gene-gene regulatory network between GWAS susceptibility genes ADTRP and MIA3/TANGO1 for coronary artery disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1640-1653.	1.8	31
47	Targeting AGGF1 (angiogenic factor with G patch and FHA domains 1) for Blocking Neointimal Formation After Vascular Injury. Journal of the American Heart Association, 2017, 6, .	1.6	19
48	Lack of association between the APLNR variant rs9943582 with ischemic stroke in the Chinese Han GeneID population. Oncotarget, 2017, 8, 107678-107684.	0.8	8
49	Alpha-actin-2 mutations in Chinese patients with a non-syndromatic thoracic aortic aneurysm. BMC Medical Genetics, 2016, 17, 45.	2.1	8
50	Angiogenic Factor AGGF1 Activates Autophagy with an Essential Role in Therapeutic Angiogenesis for Heart Disease. PLoS Biology, 2016, 14, e1002529.	2.6	75
51	Analysis of the genetic association between IL27 variants and coronary artery disease in a Chinese Han population. Scientific Reports, 2016, 6, 25782.	1.6	9
52	Genomic variant in CAV1 increases susceptibility to coronary artery disease and myocardial infarction. Atherosclerosis, 2016, 246, 148-156.	0.4	44
53	Î±B-Crystallin Interacts with Nav1.5 and Regulates Ubiquitination and Internalization of Cell Surface Nav1.5. Journal of Biological Chemistry, 2016, 291, 11030-11041.	1.6	41
54	Identification of rare variants in TNNI3 with atrial fibrillation in a Chinese GeneID population. Molecular Genetics and Genomics, 2016, 291, 79-92.	1.0	13

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55	Association of SNP Rs9943582 in APLNR with Left Ventricle Systolic Dysfunction in Patients with Coronary Artery Disease in a Chinese Han GeneID Population. PLoS ONE, 2015, 10, e0125926.	1.1	12
56	Molecular Basis of Gene-Gene Interaction: Cyclic Cross-Regulation of Gene Expression and Post-GWAS Gene-Gene Interaction Involved in Atrial Fibrillation. PLoS Genetics, 2015, 11, e1005393.	1.5	47
57	Defective circulating CD4+LAP+ regulatory T cells in patients with dilated cardiomyopathy. Journal of Leukocyte Biology, 2015, 97, 797-805.	1.5	18
58	Significant Association Between CAV1 Variant rs3807989 on 7p31 and Atrial Fibrillation in a Chinese Han Population. Journal of the American Heart Association, 2015, 4, .	1.6	25
59	MiR-144 regulates hematopoiesis and vascular development by targeting meis1 during zebrafish development. International Journal of Biochemistry and Cell Biology, 2014, 49, 53-63.	1.2	39
60	BRG1 variant rs1122608 on chromosome 19p13.2 confers protection against stroke and regulates expression of pre-mRNA-splicing factor SFRS3. Human Genetics, 2014, 133, 499-508.	1.8	24
61	Candidate Pathway-Based Genome-Wide Association Studies Identify Novel Associations of Genomic Variants in the Complement System Associated With Coronary Artery Disease. Circulation: Cardiovascular Genetics, 2014, 7, 887-894.	5.1	30
62	Regulation of CARD8 Expression by ANRIL and Association of CARD8 Single Nucleotide Polymorphism rs2043211 (p.C10X) With Ischemic Stroke. Stroke, 2014, 45, 383-388.	1.0	87
63	Role of microRNA-27a in down-regulation of angiogenic factor AGGF1 under hypoxia associated with high-grade bladder urothelial carcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 712-725.	1.8	48
64	Aggf1 acts at the top of the genetic regulatory hierarchy in specification of hemangioblasts in zebrafish. Blood, 2014, 123, 501-508.	0.6	33
65	The IL-33-ST2L Pathway Is Associated with Coronary Artery Disease in a Chinese Han Population. American Journal of Human Genetics, 2013, 93, 652-660.	2.6	48
66	Meta-analysis identifies robust association between SNP rs17465637 in MIA3 on chromosome 1q41 and coronary artery disease. Atherosclerosis, 2013, 231, 136-140.	0.4	22
67	Angiogenic Factor AGGF1 Promotes Therapeutic Angiogenesis in a Mouse Limb Ischemia Model. PLoS ONE, 2012, 7, e46998.	1.1	43
68	The Same Chromosome 9p21.3 Locus Is Associated With Type 2 Diabetes and Coronary Artery Disease in a Chinese Han Population. Diabetes, 2011, 60, 680-684.	0.3	51
69	Genome-wide association identifies a susceptibility locus for coronary artery disease in the Chinese Han population. Nature Genetics, 2011, 43, 345-349.	9.4	256
70	A lower complexity antenna selection for DF relay mimo systems. Journal of Electronics, 2011, 28, 320-327.	0.2	3
71	Significant association of SNP rs2106261 in the ZFHX3 gene with atrial fibrillation in a Chinese Han GeneID population. Human Genetics, 2011, 129, 239-246.	1.8	74
72	Minor Allele C of Chromosome 1p32 Single Nucleotide Polymorphism rs11206510 Confers Risk of Ischemic Stroke in the Chinese Han Population. Stroke, 2010, 41, 1587-1592.	1.0	35

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73	Functional dominant-negative mutation of sodium channel subunit gene SCN3B associated with atrial fibrillation in a Chinese GeneID population. Biochemical and Biophysical Research Communications, 2010, 398, 98-104.	1.0	75
74	Identification of NPPA variants associated with atrial fibrillation in a Chinese GeneID population. Clinica Chimica Acta, 2010, 411, 481-485.	0.5	59
75	Assessment of association of rs2200733 on chromosome 4q25 with atrial fibrillation and ischemic stroke in a Chinese Han population. Human Genetics, 2009, 126, 843-849.	1.8	93
76	A novel DSPPmutation is associated with type II dentinogenesis Imperfecta in a chinese family. BMC Medical Genetics, 2007, 8, 52.	2.1	33
77	Mutation p.Arg954Trp of KIF21A Causes Congenital Fibrosis of the Extraocular Muscles in a Chinese Family. Journal of Genetics and Genomics, 2006, 33, 685-691.	0.3	6