Weihong Tang

List of Publications by Year
in descending order

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93	5,761	117625	88630
papers	citations	34 h-index	70 g-index

98	98	98	12165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	27.8	1,069
2	New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208.	27.8	401
3	Genetic Loci Associated with Plasma Phospholipid n-3 Fatty Acids: A Meta-Analysis of Genome-Wide Association Studies from the CHARGE Consortium. PLoS Genetics, 2011, 7, e1002193.	3.5	324
4	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. Circulation, 2010, 121, 1382-1392.	1.6	311
5	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260.	12.8	295
6	Meta-analysis of 65,734 Individuals Identifies TSPAN15 and SLC44A2 as Two Susceptibility Loci for Venous Thromboembolism. American Journal of Human Genetics, 2015, 96, 532-542.	6.2	222
7	Genome-Wide Association Study of Plasma N6 Polyunsaturated Fatty Acids Within the Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Circulation: Cardiovascular Genetics, 2014, 7, 321-331.	5.1	164
8	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. Blood, 2019, 134, 1645-1657.	1.4	162
9	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. Circulation, 2013, 128, 1310-1324.	1.6	128
10	Intake of Fruit Juice and Incidence of Type 2 Diabetes: A Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e93471.	2.5	119
11	Pleiotropic genes for metabolic syndrome and inflammation. Molecular Genetics and Metabolism, 2014, 112, 317-338.	1.1	107
12	Lifetime Risk and Risk Factors for Abdominal Aortic Aneurysm in a 24-Year Prospective Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2468-2477.	2.4	103
13	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. Circulation, 2019, 139, 620-635.	1.6	102
14	A Genomeâ€Wide Association Study for Venous Thromboembolism: The Extended Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. Genetic Epidemiology, 2013, 37, 512-521.	1.3	99
15	A Meta-Analysis and Genome-Wide Association Study of Platelet Count and Mean Platelet Volume in African Americans. PLoS Genetics, 2012, 8, e1002491.	3.5	97
16	Circulating Biomarkers and Abdominal Aortic Aneurysm Incidence. Circulation, 2015, 132, 578-585.	1.6	92
17	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. Blood, 2012, 120, 4873-4881.	1.4	90
18	Linkage Analysis of a Composite Factor for the Multiple Metabolic Syndrome. Diabetes, 2003, 52, 2840-2847.	0.6	89

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19	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	3.7	89
20	Genetic Associations for Activated Partial Thromboplastin Time and Prothrombin Time, their Gene Expression Profiles, and Risk of Coronary Artery Disease. American Journal of Human Genetics, 2012, 91, 152-162.	6.2	85
21	Genome-wide association study identifies novel loci for plasma levels of protein C: the ARIC study. Blood, 2010, 116, 5032-5036.	1.4	74
22	Four Susceptibility Loci for Gallstone Disease Identified in a Meta-analysis of Genome-Wide Association Studies. Gastroenterology, 2016, 151, 351-363.e28.	1.3	74
23	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. Human Molecular Genetics, 2016, 25, 358-370.	2.9	73
24	Familial Clustering for Features of the Metabolic Syndrome: The National Heart, Lung, and Blood Institute (NHLBI) Family Heart Study. Diabetes Care, 2006, 29, 631-636.	8.6	67
25	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. Blood, 2015, 126, e19-e29.	1.4	55
26	Do inflammation and procoagulation biomarkers contribute to the metabolic syndrome cluster?. Nutrition and Metabolism, 2007, 4, 28.	3.0	53
27	P-selectin and subclinical and clinical atherosclerosis: The Multi-Ethnic Study of Atherosclerosis (MESA). Atherosclerosis, 2015, 240, 3-9.	0.8	47
28	Assessing the causal relationship between obesity and venous thromboembolism through a Mendelian Randomization study. Human Genetics, 2017, 136, 897-902.	3.8	46
29	Genetic determinants of plasma von Willebrand factor antigen levels: a target gene SNP and haplotype analysis of ARIC cohort. Blood, 2011, 117, 5224-5230.	1.4	45
30	Prospective study of plasma D-dimer and incident venous thromboembolism: The Atherosclerosis Risk in Communities (ARIC) Study. Thrombosis Research, 2015, 136, 781-785.	1.7	44
31	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial STXBP5 and STX2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1093-1101.	2.4	43
32	Evaluation of the relationship between plasma lipids and abdominal aortic aneurysm: A Mendelian randomization study. PLoS ONE, 2018, 13, e0195719.	2.5	39
33	Associations between angiotensinogen gene variants and left ventricular mass and function in the HyperGEN study. American Heart Journal, 2002, 143, 854-860.	2.7	38
34	Association of sICAM-1 and MCP-1 with coronary artery calcification in families enriched for coronary heart disease or hypertension: the NHLBI Family Heart Study. BMC Cardiovascular Disorders, 2007, 7, 30.	1.7	38
35	Genetic loci associated with circulating levels of very long-chain saturated fatty acids. Journal of Lipid Research, 2015, 56, 176-184.	4.2	38
36	Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Metaâ€analysis of nine studies in the CHARGE consortium. Molecular Nutrition and Food Research, 2015, 59, 1373-1383.	3.3	37

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37	Association of genomic loci from a cardiovascular gene SNP array with fibrinogen levels in European Americans and African-Americans from six cohort studies: the Candidate Gene Association Resource (CARe). Blood, 2011, 117, 268-275.	1.4	36
38	The Arg16Gly polymorphism of the Î²2-adrenergic receptor and left ventricular systolic function. American Journal of Hypertension, 2003, 16, 945-951.	2.0	35
39	Genome-wide association study with additional genetic and post-transcriptional analyses reveals novel regulators of plasma factor XI levels. Human Molecular Genetics, 2017, 26, ddw401.	2.9	35
40	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. Blood, 2019, 133, 967-977.	1.4	34
41	Chronic kidney disease measures and the risk of abdominal aortic aneurysm. Atherosclerosis, 2018, 279, 107-113.	0.8	32
42	Identification of a novel 5â€“base pair deletion in calcineurin B (PPP3R1) promoter region and its association with left ventricular hypertrophy. American Heart Journal, 2005, 150, 845-851.	2.7	31
43	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. PLoS ONE, 2017, 12, e0167742.	2.5	29
44	ABO blood group associations with markers of endothelial dysfunction in the Multi-Ethnic Study of Atherosclerosis. Atherosclerosis, 2016, 251, 422-429.	0.8	28
45	Prospective study of circulating factor XI and incident venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). American Journal of Hematology, 2015, 90, 1047-1051.	4.1	25
46	A Mendelian randomization of Î³â€² and total fibrinogen levels in relation to venous thromboembolism and ischemic stroke. Blood, 2020, 136, 3062-3069.	1.4	25
47	Association of carotid atherosclerosis and stiffness with abdominal aortic aneurysm: The atherosclerosis risk in communities (ARIC) study. Atherosclerosis, 2018, 270, 110-116.	0.8	24
48	Lipoprotein(a) and abdominal aortic aneurysm risk: The Atherosclerosis Risk in Communities study. Atherosclerosis, 2018, 268, 63-67.	0.8	24
49	Hepatocyte growth factor demonstrates racial heterogeneity as a biomarker for coronary heart disease. Heart, 2017, 103, 1185-1193.	2.9	23
50	A largeâ€scale exome array analysis of venous thromboembolism. Genetic Epidemiology, 2019, 43, 449-457.	1.3	22
51	Geneâ€centric approach identifies new and known loci for <scp>F</scp>VIII activity and <scp>VWF</scp> antigen levels in <scp>E</scp>uropean <scp>A</scp>mericans and <scp>A</scp>frican <scp>A</scp>mericans. American Journal of Hematology, 2015, 90, 534-540.	4.1	20
52	A gene-centric association scan for Coagulation Factor VII levels in European and African Americans: the Candidate Gene Association Resource (CARe) Consortium. Human Molecular Genetics, 2011, 20, 3525-3534.	2.9	19
53	The Association of Biomarkers of Inflammation and Extracellular Matrix Degradation With the Risk of Abdominal Aortic Aneurysm: The ARIC Study. Angiology, 2019, 70, 130-140.	1.8	18
54	Racial Differences in the Association of Coronary Calcified Plaque With Left Ventricular Hypertrophy: The National Heart, Lung, and Blood Institute Family Heart Study and Hypertension Genetic Epidemiology Network. American Journal of Cardiology, 2006, 97, 1441-1448.	1.6	17

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55	Identification of Genetic Variants Linking Protein C and Lipoprotein Metabolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 589-597.	2.4	17
56	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. PLoS ONE, 2019, 14, e0216222.	2.5	17
57	Sibling Resemblance for Left Ventricular Structure, Contractility, and Diastolic Filling. Hypertension, 2002, 40, 233-238.	2.7	16
58	Diabetes-related factors and abdominal aortic aneurysm events: the Atherosclerotic Risk in Communities Study. Annals of Epidemiology, 2018, 28, 102-106.e1.	1.9	16
59	DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. Blood, 2018, 132, 1842-1850.	1.4	16
60	Discovery, fine-mapping, and conditional analyses of genetic variants associated with C-reactive protein in multiethnic populations using the Metabochip in the Population Architecture using Genomics and Epidemiology (PAGE) study. Human Molecular Genetics, 2018, 27, 2940-2953.	2.9	16
61	Linkage of left ventricular early diastolic peak filling velocity to chromosome 5 in hypertensive African Americans: the HyperGEN Echocardiography Study1. American Journal of Hypertension, 2002, 15, 621-627.	2.0	14
62	Transâ€Ethnic Metaâ€Analysis Identifies Common and Rare Variants Associated with Hepatocyte Growth Factor Levels in the Multiâ€Ethnic Study of Atherosclerosis (MESA). Annals of Human Genetics, 2015, 79, 264-274.	0.8	13
63	Prospective study of Î³â€² fibrinogen and incident venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). Thrombosis Research, 2016, 139, 44-49.	1.7	11
64	Replication of Newly Identified Genetic Associations Between Abdominal Aortic Aneurysm and SMYD2, LINC00540, PCIF1/MMP9/ZNF335, and ERG. European Journal of Vascular and Endovascular Surgery, 2020, 59, 92-97.	1.5	11
65	Burden of rare exome sequence variants in PROC gene is associated with venous thromboembolism: a populationâ€based study. Journal of Thrombosis and Haemostasis, 2020, 18, 445-453.	3.8	11
66	Plasma and serum L-selectin and clinical and subclinical cardiovascular disease: the Multi-Ethnic Study of Atherosclerosis (MESA). Translational Research, 2014, 163, 585-592.	5.0	10
67	Prospective study of lung function and abdominal aortic aneurysm risk: The Atherosclerosis Risk in Communities study. Atherosclerosis, 2018, 268, 225-230.	0.8	10
68	Sequencing Analysis at 8p23 Identifies Multiple Rare Variants in DLC1 Associated with Sleep-Related Oxyhemoglobin Saturation Level. American Journal of Human Genetics, 2019, 105, 1057-1068.	6.2	10
69	Identification of a pleiotropic locus on chromosome 7q for a composite left ventricular wall thickness factor and body mass index: the HyperGEN Study. BMC Medical Genetics, 2009, 10, 40.	2.1	9
70	Genetic Markers Associated With Plasma Protein C Level in African Americans: The Atherosclerosis Risk in Communities (ARIC) Study. Genetic Epidemiology, 2014, 38, 709-713.	1.3	9
71	Impact of adiposity on cellular adhesion: The Multiâ€Ethnic Study of atherosclerosis (MESA). Obesity, 2016, 24, 223-230.	3.0	9
72	Plasma Concentrations of High Molecular Weight Kininogen and Prekallikrein and Venous Thromboembolism Incidence in the General Population. Thrombosis and Haemostasis, 2019, 119, 834-843.	3.4	9

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73	Diabetes, its duration, and the long-term risk of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) Study. Atherosclerosis, 2020, 313, 137-143.	0.8	9
74	Symptomatic and asymptomatic peripheral artery disease and the risk of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) study. Atherosclerosis, 2021, 333, 32-38.	0.8	9
75	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. PLoS ONE, 2014, 9, e111156.	2.5	8
76	A genetic association study of D-dimer levels with 50K SNPs from a candidate gene chip in four ethnic groups. Thrombosis Research, 2014, 134, 462-467.	1.7	8
77	Gene-Centric Approach Identifies New and Known Loci for Factor VIII Activity and Von Willebrand Factor Antigen In the Candidate Gene Association Resource (CARe) Consortium. Blood, 2010, 116, 806-806.	1.4	8
78	Proteomic profiling identifies novel proteins for genetic risk of severe COVID-19: the Atherosclerosis Risk in Communities Study. Human Molecular Genetics, 2022, 31, 2452-2461.	2.9	8
79	A genetic association study of activated partial thromboplastin time in European Americans and African Americans: the ARIC Study. Human Molecular Genetics, 2015, 24, 2401-2408.	2.9	6
80	Multi-ethnic genome-wide association analyses of white blood cell and platelet traits in the Population Architecture using Genomics and Epidemiology (PAGE) study. BMC Genomics, 2021, 22, 432.	2.8	6
81	Association of Lifeâ€™s Simple 7 with reduced clinically manifest abdominal aortic aneurysm: The ARIC study. Vascular Medicine, 2019, 24, 224-229.	1.5	5
82	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus. Nature Communications, 2022, 13, 1222.	12.8	5
83	Elevated Levels of Adhesion Proteins Are Associated With Low Ankleâ€“Brachial Index. Angiology, 2017, 68, 322-329.	1.8	4
84	Markers of vitamin D metabolism and incidence of clinically diagnosed abdominal aortic aneurysm: The Atherosclerosis Risk in Communities Study. Vascular Medicine, 2018, 23, 253-260.	1.5	4
85	Prospective study of plasma high molecular weight kininogen and prekallikrein and incidence of coronary heart disease, ischemic stroke and heart failure. Thrombosis Research, 2019, 182, 89-94.	1.7	4
86	Whole-exome sequencing of 14â€‰389 individuals from the ESP and CHARGE consortia identifies novel rare variation associated with hemostatic factors. Human Molecular Genetics, 2022, 31, 3120-3132.	2.9	3
87	Blood group antigen loci demonstrate multivariate genetic associations with circulating cellular adhesion protein levels in the Multi-Ethnic Study of Atherosclerosis. Human Genetics, 2016, 135, 415-423.	3.8	2
88	Retinal microvascular signs and incidence of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities Study. Ophthalmic Epidemiology, 2018, 25, 246-249.	1.7	2
89	Pleiotropic effects of n-6 and n-3 fatty acid-related genetic variants on circulating hemostatic variables. Thrombosis Research, 2018, 168, 53-59.	1.7	1
90	FGL1 as a modulator of plasma Dâ€dimer levels: Exomeâ€wide marker analysis of plasma tPA, PAIâ€1, and Dâ€dimer. Journal of Thrombosis and Haemostasis, 2021, 19, 2019-2028.	3.8	1

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91	Association of Differential Leukocyte Count With Incident Abdominal Aortic Aneurysm Over 22.5 Years: The ARIC Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2342-2351.	2.4	1
92	Genome-Wide Association Study Identifies Multiple Genetic Loci for Activated Partial Thromboplastin Time and Prothrombin Time. Blood, 2010, 116, 4222-4222.	1.4	0
93	Association of SERPINA9 gene variants with carotid artery atherosclerosis: the Atherosclerosis Risk in Communities (ARIC) Carotid MRI Study. International Journal of Molecular Epidemiology and Genetics, 2013, 4, 258-67.	0.4	0