Zhiguang Su

List of Publications by Year
in descending order

58 papers	2,897 citations	304368 22 h-index	174990 52 g-index
59 all docs	59 docs citations	59 times ranked	5552 citing authors

#	Article	IF	Citations
1	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. Nature Genetics, 2016, 48, 134-143.	9.4	1,167
2	Lanosterol reverses protein aggregation in cataracts. Nature, 2015, 523, 607-611.	13.7	351
3	Unraveling the Regulation of Hepatic Gluconeogenesis. Frontiers in Endocrinology, 2018, 9, 802.	1.5	156
4	Complement factor H genotypes impact risk of age-related macular degeneration by interaction with oxidized phospholipids. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13757-13762.	3.3	135
5	Essential Role of ELOVL4 Protein in Very Long Chain Fatty Acid Synthesis and Retinal Function. Journal of Biological Chemistry, 2012, 287, 11469-11480.	1.6	83
6	High Temperature Requirement Factor A1 (HTRA1) Gene Regulates Angiogenesis through Transforming Growth Factor-Î² Family Member Growth Differentiation Factor 6. Journal of Biological Chemistry, 2012, 287, 1520-1526.	1.6	82
7	Association between DNA variant sites in the apolipoprotein A5 gene and coronary heart disease in Chinese. Metabolism: Clinical and Experimental, 2005, 54, 568-572.	1.5	54
8	Genetic pleiotropy between age-related macular degeneration and 16 complex diseases and traits. Genome Medicine, 2017, 9, 29.	3.6	52
9	Advanced Systems Biology Methods in Drug Discovery and Translational Biomedicine. BioMed Research International, 2013, 2013, 1-8.	0.9	49
10	Transforming growth factor-Î²1 gene polymorphisms associated with chronic obstructive pulmonary disease in Chinese population. Acta Pharmacologica Sinica, 2005, 26, 714-720.	2.8	47
11	Quantitative Trait Locus Analysis of Atherosclerosis in an Intercross Between C57BL/6 and C3H Mice Carrying the Mutant Apolipoprotein E Gene. Genetics, 2006, 172, 1799-1807.	1.2	45
12	Retinoic acid receptor-related orphan receptor Î± stimulates adipose tissue inflammation by modulating endoplasmic reticulum stress. Journal of Biological Chemistry, 2017, 292, 13959-13969.	1.6	37
13	Genetic linkage of hyperglycemia, body weight and serum amyloid-P in an intercross between C57BL/6 and C3H apolipoprotein E-deficient mice. Human Molecular Genetics, 2006, 15, 1650-1658.	1.4	35
14	Four additional mouse crosses improve the lipid QTL landscape and identify Lipg as a QTL gene. Journal of Lipid Research, 2009, 50, 2083-2094.	2.0	35
15	Candidate genes for obesity revealed from a C57BL/6J Ã— 129S1/SvImJ intercross. International Journal of Obesity, 2008, 32, 1180-1189.	1.6	29
16	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration. JAMA Ophthalmology, 2021, 139, 1299.	1.4	29
17	Salidroside protects retinal endothelial cells against hydrogen peroxide-induced injury via modulating oxidative status and apoptosis. Bioscience, Biotechnology and Biochemistry, 2015, 79, 1406-1413.	0.6	27
18	Mitochondria-Associated Endoplasmic Reticulum Membranes in the Pathogenesis of Type 2 Diabetes Mellitus. Frontiers in Cell and Developmental Biology, 2020, 8, 571554.	1.8	27

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19	Regulation of hepatic gluconeogenesis by nuclear factor Y transcription factor in mice. Journal of Biological Chemistry, 2018, 293, 7894-7904.	1.6	26
20	Genetic basis of HDL variation in 129/SvImJ and C57BL/6J mice: importance of testing candidate genes in targeted mutant mice. Journal of Lipid Research, 2009, 50, 116-125.	2.0	24
21	Identification of insulin as a novel retinoic acid receptorâ€related orphan receptor Î± target gene. FEBS Letters, 2014, 588, 1071-1079.	1.3	24
22	Novel P143L polymorphism of the LCAT gene is associated with dyslipidemia in Chinese patients who have coronary atherosclerotic heart disease. Biochemical and Biophysical Research Communications, 2004, 318, 4-10.	1.0	23
23	Genetic Variations in ADIPOQ Gene Are Associated with Chronic Obstructive Pulmonary Disease. PLoS ONE, 2012, 7, e50848.	1.1	22
24	Untangling HDL quantitative trait loci on mouse chromosome 5 and identifying Scarb1 and Acads as the underlying genes. Journal of Lipid Research, 2010, 51, 2706-2713.	2.0	19
25	Candidate genes for plasma triglyceride, FFA, and glucose revealed from an intercross between inbred mouse strains NZB/B1NJ and NZW/LacJ*. Journal of Lipid Research, 2008, 49, 1500-1510.	2.0	18
26	Design and Validation of PEG-Derivatized Vitamin E Copolymer for Drug Delivery into Breast Cancer. Bioconjugate Chemistry, 2016, 27, 1889-1899.	1.8	18
27	Farp2 and Stk25 Are Candidate Genes for the HDL Cholesterol Locus on Mouse Chromosome 1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 107-113.	1.1	17
28	CETP Gene may be Associated with Advanced Age-Related Macular Degeneration in the Chinese Population. Ophthalmic Genetics, 2015, 36, 303-308.	0.5	17
29	Deficiency in the short-chain acyl-CoA dehydrogenase protects mice against diet-induced obesity and insulin resistance. FASEB Journal, 2019, 33, 13722-13733.	0.2	17
30	A novel allele in the promoter of the hepatic lipase is associated with increased concentration of HDL-C and decreased promoter activity. Journal of Lipid Research, 2002, 43, 1595-1601.	2.0	16
31	The 1239G/C polymorphism in exon 5 ofBACE1 gene may be associated with sporadic Alzheimer's disease in Chinese Hans. American Journal of Medical Genetics Part A, 2004, 124B, 54-57.	2.4	15
32	MALATTIA LEVENTINESE/DOYNE HONEYCOMB RETINAL DYSTROPHY IN A CHINESE FAMILY WITH MUTATION OF THE EFEMP1 GENE. Retina, 2014, 34, 2462-2471.	1.0	14
33	One-Step Self-Assembling Nanomicelles for Pirarubicin Delivery To Overcome Multidrug Resistance in Breast Cancer. Molecular Pharmaceutics, 2016, 13, 3934-3944.	2.3	14
34	Sequence variation at multiple loci influences red cell hemoglobin concentration. Blood, 2010, 116, e139-e149.	0.6	13
35	Genetic Variants of Retinoic Acid Receptor-Related Orphan Receptor Alpha Determine Susceptibility to Type 2 Diabetes Mellitus in Han Chinese. Genes, 2016, 7, 54.	1.0	13
36	8302A/C and (TTA)n polymorphisms in the HMG-CoA reductase gene may be associated with some plasma lipid metabolic phenotypes in patients with coronary heart disease. Lipids, 2004, 39, 239-241.	0.7	12

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37	Identification of Soat1 as a Quantitative Trait Locus Gene on Mouse Chromosome 1 Contributing to Hyperlipidemia. PLoS ONE, 2011, 6, e25344.	1.1	12
38	Association between fibroblast growth factor 7 and the risk of chronic obstructive pulmonary disease. Acta Pharmacologica Sinica, 2012, 33, 998-1003.	2.8	11
39	Characterization of Bglu3, a mouse fasting glucose locus, and identification of Apcs as an underlying candidate gene. Physiological Genomics, 2012, 44, 345-351.	1.0	10
40	Obesity-induced endoplasmic reticulum stress suppresses nuclear factor-Y expression. Molecular and Cellular Biochemistry, 2017, 426, 47-54.	1.4	10
41	Association between apolipoprotein CI HpaI polymorphism and sporadic Alzheimer's disease in Chinese. Acta Neurologica Scandinavica, 2004, 109, 140-145.	1.0	9
42	A single nucleotide deletion of 293delT in SEDL gene causing spondyloepiphyseal dysplasia tarda in a four-generation Chinese family. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 525, 61-65.	0.4	8
43	RAD51 gene is associated with advanced age-related macular degeneration in Chinese population. Clinical Biochemistry, 2013, 46, 1689-1693.	0.8	8
44	Reveal genes functionally associated with ACADS by a network study. Gene, 2015, 569, 294-302.	1.0	8
45	Genetic variations in RORÎ± are associated with chronic obstructive pulmonary disease. Journal of Human Genetics, 2014, 59, 430-436.	1.1	7
46	Nuclear Factor-Y in Mouse Pancreatic Î²-Cells Plays a Crucial Role in Glucose Homeostasis by Regulating Î²-Cell Mass and Insulin Secretion. Diabetes, 2021, 70, 1703-1716.	0.3	7
47	Single-nucleotide polymorphisms in the lipoprotein lipase gene associated with coronary heart disease in Chinese. European Journal of Pharmacology, 2002, 454, 9-18.	1.7	6
48	Association of five genetic variants with chronic obstructive pulmonary disease susceptibility and spirometric phenotypes in a <scp>C</scp>hinese <scp>H</scp>an population. Respirology, 2014, 19, 262-268.	1.3	6
49	Effects of adiponectin polymorphisms on the risk of advanced age-related macular degeneration. Biomarkers, 2015, 20, 266-270.	0.9	5
50	Cholesterol Sulfate Exerts Protective Effect on Pancreatic Î²-Cells by Regulating Î²-Cell Mass and Insulin Secretion. Frontiers in Pharmacology, 2022, 13, 840406.	1.6	5
51	Effects of Genetic Variants of Nuclear Receptor Y on the Risk of Type 2 Diabetes Mellitus. Journal of Diabetes Research, 2019, 2019, 1-7.	1.0	4
52	Clustering of variations and haplotype analysis in the highly variable region of exon 11 ofBRCA1 in Chinese women with sporadic breast cancer. Human Mutation, 2002, 20, 404-405.	1.1	3
53	Quantitative trait locus analysis of circulating adhesion molecules in hyperlipidemic apolipoprotein E-deficient mice. Molecular Genetics and Genomics, 2008, 280, 375-383.	1.0	3
54	Mutation spectrum in GNAQ and GNA11 in Chinese uveal melanoma. Precision Clinical Medicine, 2019, 2, 213-220.	1.3	3

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55	Relationship between a novel polymorphism of lipoprotein lipase gene and coronary heart disease. Chinese Medical Journal, 2002, 115, 677-80.	0.9	3
56	Effects of genetic variations in Acads gene on the risk of chronic obstructive pulmonary disease. IUBMB Life, 2020, 72, 1986-1996.	1.5	2
57	The suppressive functions of Rora in B lineage cell proliferation and BCR/ABL1-induced B-ALL pathogenesis. International Journal of Biological Sciences, 2022, 18, 2277-2291.	2.6	1
58	Abstract 1388: Hdlq14 Gene, A New Gene Regulating HDL Levels. Circulation, 2007, 116, .	1.6	0