Zhou Zhou

List of Publications by Year
in descending order

58	1,148	471509 17	454955 30
papers	citations	h-index	g-index

67	67	67	1981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thrombin-activated platelet-derived exosomes regulate endothelial cell expression of ICAM-1 via microRNA-223 during the thrombosis-inflammation response. Thrombosis Research, 2017, 154, 96-105.	1.7	139
2	Chinese expert consensus on diagnosis and treatment of coagulation dysfunction in COVID-19. Military Medical Research, 2020, 7, 19.	3.4	110
3	The mechanosensitive Piezo1 channel mediates heart mechano-chemo transduction. Nature Communications, 2021, 12, 869.	12.8	106
4	Single-Cell RNA-Seq of the Developing Cardiac Outflow Tract Reveals Convergent Development of the Vascular Smooth Muscle Cells. Cell Reports, 2019, 28, 1346-1361.e4.	6.4	68
5	Single-cell RNA-seq of cultured human adipose-derived mesenchymal stem cells. Scientific Data, 2019, 6, 190031.	5.3	58
6	Identification of pathogens in culture-negative infective endocarditis cases by metagenomic analysis. Annals of Clinical Microbiology and Antimicrobials, 2018, 17, 43.	3.8	54
7	Single-Cell RNA-Sequencing Reveals Lineage-Specific Regulatory Changes of Fibroblasts and Vascular Endothelial Cells in Keloids. Journal of Investigative Dermatology, 2022, 142, 124-135.e11.	0.7	52
8	Long non-coding and coding RNA profiling using strand-specific RNA-seq in human hypertrophic cardiomyopathy. Scientific Data, 2019, 6, 90.	5.3	45
9	Detection of pathogens from resected heart valves of patients with infective endocarditis by next-generation sequencing. International Journal of Infectious Diseases, 2019, 83, 148-153.	3.3	36
10	Exosomal miR-423-5p mediates the proangiogenic activity of human adipose-derived stem cells by targeting Sufu. Stem Cell Research and Therapy, 2019, 10, 106.	5.5	33
11	Single-cell RNA sequencing identifies an Il1rn+/Trem1+ macrophage subpopulation as a cellular target for mitigating the progression of thoracic aortic aneurysm and dissection. Cell Discovery, 2022, 8, 11.	6.7	30
12	Exome-Based Case-Control Analysis Highlights the Pathogenic Role of Ciliary Genes in Transposition of the Great Arteries. Circulation Research, 2020, 126, 811-821.	4.5	29
13	The Suppression of Medium Acidosis Improves the Maintenance and Differentiation of Human Pluripotent Stem Cells at High Density in Defined Cell Culture Medium. International Journal of Biological Sciences, 2018, 14, 485-496.	6.4	26
14	Genetic testing of 248 Chinese aortopathy patients using a panel assay. Scientific Reports, 2016, 6, 33002.	3.3	25
15	Serum chloride as a novel marker for adding prognostic information of mortality in chronic heart failure. Clinica Chimica Acta, 2018, 483, 112-118.	1.1	22
16	Genetic analyses in a cohort of 191 pulmonary arterial hypertension patients. Respiratory Research, 2018, 19, 87.	3.6	22
17	Clinical and Laboratory Features of Acute Porphyria: A Study of 36 Subjects in a Chinese Tertiary Referral Center. BioMed Research International, 2016, 2016, 1-5.	1.9	20
18	Secondary findings in 421 whole exome-sequenced Chinese children. Human Genomics, 2018, 12, 42.	2.9	17

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19	A novel mutation in the porphobilinogen deaminase gene in an extended Chinese family with acute intermittent porphyria. Gene, 2015, 565, 288-290.	2.2	16
20	Interleukin-6 Receptor rs7529229 T/C Polymorphism Is Associated with Left Main Coronary Artery Disease Phenotype in a Chinese Population. International Journal of Molecular Sciences, 2014, 15, 5623-5633.	4.1	14
21	Identification of gross deletions in FBN1 gene by MLPA. Human Genomics, 2018, 12, 46.	2.9	13
22	Childhood Hypertrophic Obstructive Cardiomyopathy and Its Relevant Surgical Outcome. Annals of Thoracic Surgery, 2020, 110, 207-213.	1.3	13
23	Singleâ€cell transcriptomic landscape of cardiac neural crest cell derivatives during development. EMBO Reports, 2021, 22, e52389.	4.5	13
24	Nicotinamide promotes pancreatic differentiation through the dual inhibition of CK1 and ROCK kinases in human embryonic stem cells. Stem Cell Research and Therapy, 2021, 12, 362.	5.5	12
25	An ontology-based classification of Ebstein's anomaly and its implications in clinical adverse outcomes. International Journal of Cardiology, 2020, 316, 79-86.	1.7	10
26	Genetic testing of the FBN1 gene in Chinese patients with Marfan/Marfan-like syndrome. Clinica Chimica Acta, 2016, 459, 30-35.	1.1	9
27	Transcriptome analysis and functional identification of adipose-derived mesenchymal stem cells in secondary lymphedema. Gland Surgery, 2020, 9, 558-574.	1.1	9
28	Targeted Genetic Analysis in a Chinese Cohort of 208 Patients Related to Familial Hypercholesterolemia. Journal of Atherosclerosis and Thrombosis, 2020, 27, 1288-1298.	2.0	9
29	A Polymorphism inHepatocyte Nuclear Factor 1 Alpha,rs7310409, Is Associated with Left Main Coronary Artery Disease. Biochemistry Research International, 2014, 2014, 1-7.	3.3	8
30	Reversible MRI findings in a case of acute intermittent porphyria with a novel mutation in the porphobilinogen deaminase gene. Blood Cells, Molecules, and Diseases, 2017, 63, 21-24.	1.4	8
31	Genetic testing of 10 patients with features of loeys-dietz syndrome. Clinica Chimica Acta, 2016, 456, 144-148.	1.1	7
32	Common Variant in Glycoprotein Ia Increases Longâ€Term Adverse Events Risk After Coronary Artery Bypass Graft Surgery. Journal of the American Heart Association, 2016, 5, .	3.7	7
33	Two common mutations within CYP2C19 affected platelet aggregation in Chinese patients undergoing PCI: a one-year follow-up study. Pharmacogenomics Journal, 2019, 19, 157-163.	2.0	7
34	Stability and reference intervals of spot urinary fractionated metanephrines and methoxytyramine by tandem mass spectrometry as a screening method for pheochromocytoma and paraganglioma. Endocrine, 2020, 69, 188-195.	2.3	7
35	How to choose a pointâ€ofâ€care testing for troponin. Journal of Clinical Laboratory Analysis, 2020, 34, e23263.	2.1	7
36	Metabolomic Profile Reveals That Ceramide Metabolic Disturbance Plays an Important Role in Thoracic Aortic Dissection. Frontiers in Cardiovascular Medicine, 2022, 9, 826861.	2.4	7

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37	Single-cell RNA sequencing of subcutaneous adipose tissues identifies therapeutic targets for cancer-associated lymphedema. Cell Discovery, 2022, 8, .	6.7	7
38	A novel model for evaluating thrombolytic therapy in dogs with ST-elevation myocardial infarction. BMC Cardiovascular Disorders, 2016, 16, 21.	1.7	6
39	The Value of Big Endothelin-1 in the Assessment of the Severity of Coronary Artery Calcification. Clinical and Applied Thrombosis/Hemostasis, 2018, 24, 1042-1049.	1.7	6
40	Genetic profiling and cardiovascular phenotypic spectrum in a Chinese cohort of Loeys-Dietz syndrome patients. Orphanet Journal of Rare Diseases, 2020, 15, 6.	2.7	6
41	Clinical characteristics and survival of Chinese patients diagnosed with pulmonary arterial hypertension who carry BMPR2 or EIF2KAK4 variants. BMC Pulmonary Medicine, 2020, 20, 150.	2.0	6
42	Prevalence, Subtype Classification, and Outcomes of Treatment of Primary Aldosteronism: A Prospective Study in China. Endocrine Practice, 2021, 27, 478-483.	2.1	6
43	P-Selectin Glycoprotein Ligand-1 Deficiency Protects Against Aortic Aneurysm Formation Induced by DOCA Plus Salt. Cardiovascular Drugs and Therapy, 2022, 36, 31-44.	2.6	6
44	Thyroid hormone enhances stem cell maintenance and promotes lineage-specific differentiation in human embryonic stem cells. Stem Cell Research and Therapy, 2022, 13, 120.	5.5	6
45	The co-segregation of the MYL2 R58Q mutation in Chinese hypertrophic cardiomyopathy family and its pathological effect on cardiomyopathy disarray. Molecular Genetics and Genomics, 2019, 294, 1241-1249.	2.1	5
46	A novel PROS1 mutation, c.74dupA, was identified in a protein S deficiency family. Thrombosis Research, 2016, 148, 125-127.	1.7	4
47	Vascular Ehlers-Danlos Syndrome With a Novel Missense COL3A1 Mutation Present With Pulmonary Complications and Iliac Arterial Dissection. Vascular and Endovascular Surgery, 2018, 52, 138-142.	0.7	4
48	Perioperative urinary thromboxane metabolites and outcome of coronary artery bypass grafting: a nested case-control study. BMJ Open, 2018, 8, e021219.	1.9	3
49	Meis2 represses the osteoblastic transdifferentiation of aortic valve interstitial cells through the Notch1/Twist1 pathway. Biochemical and Biophysical Research Communications, 2019, 509, 455-461.	2.1	3
50	Letter by Ma et al Regarding Article, â€œNovel Mutation in FLNC (Filamin C) Causes Familial Restrictive Cardiomyopathyâ€• Circulation Genomic and Precision Medicine, 2018, 11, e002117.	3.6	2
51	Evaluation of a novel high sensitivity cardiac troponin I assay with whole blood. Clinica Chimica Acta, 2020, 508, 273-276.	1.1	2
52	Association of PLXND1 with a novel subtype of anomalous pulmonary venous return. Human Molecular Genetics, 2022, 31, 1443-1452.	2.9	2
53	A systematic study of mosaicism in heritable thoracic aortic aneurysm and dissection. Genomics, 2022, 114, 196-201.	2.9	2
54	Generation of a human induced pluripotent stem cell line (NCCDFWi001-A) from a Marfan syndrome patient carrying two FBN1 variants (c.2613AÂ>ÂC and c.684_736Â+Â4del). Stem Cell Research, 2020, 42, 101690.	0.7	1

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55	Generation of a CRISPR/Cas9-corrected-hiPSC (NCCDFWi001-A-1) from a Marfan syndrome patient hiPSC with a heterozygous c.2613A>C variant in the fibrillin 1 (FBN1) gene. Stem Cell Research, 2021, 56, 102543.	0.7	1
56	Cardiovascular Phenotypes Profiling for L-Transposition of the Great Arteries and Prognosis Analysis. Frontiers in Cardiovascular Medicine, 2021, 8, 781041.	2.4	1
57	Novel LTBP3 mutations associated with thoracic aortic aneurysms and dissections. Orphanet Journal of Rare Diseases, 2021, 16, 513.	2.7	1
58	Clopidogrel versus ticagrelor in the treatment of Chinese patients undergoing percutaneous coronary intervention: effects on platelet function assessed by platelet function tests and mean platelet volume. Thrombosis Journal, 2021, 19, 97.	2.1	0