

Jie Du

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,400
citations

147801

31
h-index

155660

55
g-index

68
all docs

68
docs citations

68
times ranked

5170
citing authors

#	ARTICLE	IF	CITATIONS
1	Excessive DNA damage mediates ECM degradation via the RBBP8/NOTCH1 pathway in sporadic aortic dissection. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166303.	3.8	8
2	Fibroblast-Secreted Phosphoprotein 1 Mediates Extracellular Matrix Deposition and Inhibits Smooth Muscle Cell Contractility in Marfan Syndrome Aortic Aneurysm. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 959-970.	2.4	5
3	Insights on aortic aneurysm and dissection: Role of the extracellular environment in vascular homeostasis. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 171, 90-101.	1.9	5
4	Variants of Focal Adhesion Scaffold Genes Cause Thoracic Aortic Aneurysm. <i>Circulation Research</i> , 2021, 128, 8-23.	4.5	29
5	TMAO: how gut microbiota contributes to heart failure. <i>Translational Research</i> , 2021, 228, 109-125.	5.0	113
6	Evaluating the monogenic contribution and genotype-phenotype correlation in patients with isolated thoracic aortic aneurysm. <i>European Journal of Human Genetics</i> , 2021, 29, 1129-1138.	2.8	6
7	MicroRNA-200b-3p promotes endothelial cell apoptosis by targeting HDAC4 in atherosclerosis. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 172.	1.7	32
8	FABP5 Deficiency Impairs Mitochondrial Function and Aggravates Pathological Cardiac Remodeling and Dysfunction. <i>Cardiovascular Toxicology</i> , 2021, 21, 619-629.	2.7	13
9	OPG/TRAIL ratio as a predictive biomarker of mortality in patients with type A acute aortic dissection. <i>Nature Communications</i> , 2021, 12, 3401.	12.8	5
10	Plasma Ceramides and Cardiovascular Events in Hypertensive Patients at High Cardiovascular Risk. <i>American Journal of Hypertension</i> , 2021, 34, 1209-1216.	2.0	9
11	Aldosterone dysregulation predicts the risk of mortality and rehospitalization in heart failure with a preserved ejection fraction. <i>Science China Life Sciences</i> , 2021, , 1.	4.9	5
12	MicroRNA-223-3p inhibits vascular calcification and the osteogenic switch of vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100483.	3.4	23
13	Lipocalin-2 Predicts Long-Term Outcome of Normotensive Patients with Acute Pulmonary Embolism. <i>Cardiovascular Toxicology</i> , 2020, 20, 101-110.	2.7	5
14	Functional Nanocomplexes with Vascular Endothelial Growth Factor A/C Isoforms Improve Collateral Circulation and Cardiac Function. <i>Small</i> , 2020, 16, 1905925.	10.0	12
15	Age-related decline of interferon-gamma responses in macrophage impairs satellite cell proliferation and regeneration. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1291-1305.	7.3	51
16	Speckle tracking echocardiography could detect the difference of pressure overload-induced myocardial remodelling between young and adult rats. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190808.	3.4	10
17	Effects of Extracellular Matrix Softening on Vascular Smooth Muscle Cell Dysfunction. <i>Cardiovascular Toxicology</i> , 2020, 20, 548-556.	2.7	15
18	MicroRNA-223-3p promotes skeletal muscle regeneration by regulating inflammation in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 10212-10223.	3.4	35

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19	Macrophage-Derived Exosomal Mir-155 Regulating Cardiomyocyte Pyroptosis and Hypertrophy in Uremic Cardiomyopathy. JACC Basic To Translational Science, 2020, 5, 148-166.	4.1	49
20	A scoring system to predict the occurrence of very late stent thrombosis following percutaneous coronary intervention for acute coronary syndrome. Scientific Reports, 2020, 10, 6378.	3.3	4
21	CD1d-dependent natural killer T cells attenuate angiotensin II-induced cardiac remodelling via IL-10 signalling in mice. Cardiovascular Research, 2019, 115, 83-93.	3.8	34
22	Multifunctional cationic nanosystems for nucleic acid therapy of thoracic aortic dissection. Nature Communications, 2019, 10, 3184.	12.8	36
23	Phagocytosis mediated by scavenger receptor class BI promotes macrophage transition during skeletal muscle regeneration. Journal of Biological Chemistry, 2019, 294, 15672-15685.	3.4	38
24	Genotypes and Phenotypes of Chinese Pediatric Patients With Idiopathic and Heritable Pulmonary Arterial Hypertension—A Single-Center Study. Canadian Journal of Cardiology, 2019, 35, 1851-1856.	1.7	17
25	S100a8/a9 Signaling Causes Mitochondrial Dysfunction and Cardiomyocyte Death in Response to Ischemic/Reperfusion Injury. Circulation, 2019, 140, 751-764.	1.6	155
26	CRISPR/Cas9 Delivery Mediated with Hydroxyl-Rich Nanosystems for Gene Editing in Aorta. Advanced Science, 2019, 6, 1900386.	11.2	23
27	Association of Soluble ST2 Serum Levels With Outcomes in Pediatric Dilated Cardiomyopathy. Canadian Journal of Cardiology, 2019, 35, 727-735.	1.7	14
28	Effective Delivery of Hypertrophic miRNA Inhibitor by Cholesterol-Containing Nanocarriers for Preventing Pressure Overload Induced Cardiac Hypertrophy. Advanced Science, 2019, 6, 1900023.	11.2	30
29	SGK1 Mediates Hypoxic Pulmonary Hypertension through Promoting Macrophage Infiltration and Activation. Analytical Cellular Pathology, 2019, 2019, 1-10.	1.4	16
30	CXCL1-CXCR2 axis mediates angiotensin II-induced cardiac hypertrophy and remodelling through regulation of monocyte infiltration. European Heart Journal, 2018, 39, 1818-1831.	2.2	192
31	FGF21 Prevents Angiotensin II-Induced Hypertension and Vascular Dysfunction by Activation of ACE2/Angiotensin-(1-7) Axis in Mice. Cell Metabolism, 2018, 27, 1323-1337.e5.	16.2	104
32	The Complement C3a-C3aR Axis Promotes Development of Thoracic Aortic Dissection via Regulation of MMP2 Expression. Journal of Immunology, 2018, 200, 1829-1838.	0.8	36
33	Circulating microRNA signature for the diagnosis of childhood dilated cardiomyopathy. Scientific Reports, 2018, 8, 724.	3.3	37
34	Complement 5a stimulates macrophage polarization and contributes to tumor metastases of colon cancer. Experimental Cell Research, 2018, 366, 127-138.	2.6	62
35	A CRISPR/Cas9-Based Screening for Non-Homologous End Joining Inhibitors Reveals Ouabain and Penfluridol as Radiosensitizers. Molecular Cancer Therapeutics, 2018, 17, 419-431.	4.1	16
36	Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection. Circulation, 2018, 137, 259-269.	1.6	80

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37	Relationships between circulating branched chain amino acid concentrations and risk of adverse cardiovascular events in patients with STEMI treated with PCI. <i>Scientific Reports</i> , 2018, 8, 15809.	3.3	41
38	Identification of type IV collagen exposure as a molecular imaging target for early detection of thoracic aortic dissection. <i>Theranostics</i> , 2018, 8, 437-449.	10.0	26
39	Identification of Novel Causal FBN1 Mutations in Pedigrees of Marfan Syndrome. <i>International Journal of Genomics</i> , 2018, 2018, 1-8.	1.6	2
40	Unlockable Nanocomplexes with Self-Accelerating Nucleic Acid Release for Effective Staged Gene Therapy of Cardiovascular Diseases. <i>Advanced Materials</i> , 2018, 30, e1801570.	21.0	89
41	Cardiac Fibroblast-Specific Activating Transcription Factor 3 Protects Against Heart Failure by Suppressing MAP2K3-p38 Signaling. <i>Circulation</i> , 2017, 135, 2041-2057.	1.6	123
42	Complement C3a signaling facilitates skeletal muscle regeneration by regulating monocyte function and trafficking. <i>Nature Communications</i> , 2017, 8, 2078.	12.8	74
43	PCMA-Based Star-Like Polycations with Plentiful Hydroxyl Groups Act as Highly Efficient miRNA Delivery Nanovectors for Effective Applications in Heart Diseases. <i>Advanced Materials</i> , 2016, 28, 7204-7212.	21.0	46
44	β -Aminopropionitrile monofumarate induces thoracic aortic dissection in C57BL/6 mice. <i>Scientific Reports</i> , 2016, 6, 28149.	3.3	95
45	Genetic and Pharmacologic Inhibition of the Chemokine Receptor CXCR2 Prevents Experimental Hypertension and Vascular Dysfunction. <i>Circulation</i> , 2016, 134, 1353-1368.	1.6	110
46	Sustained activation of ADP/P2ry12 signaling induces SMC senescence contributing to thoracic aortic aneurysm/dissection. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 99, 76-86.	1.9	26
47	Effective tumor-targeted delivery of etoposide using chitosan nanoparticles conjugated with folic acid and sulfobetaine methacrylate. <i>RSC Advances</i> , 2016, 6, 91192-91200.	3.6	8
48	Depletion of CD8+ T Cells Exacerbates CD4+ T Cell-Induced Monocyte-to-Fibroblast Transition in Renal Fibrosis. <i>Journal of Immunology</i> , 2016, 196, 1874-1881.	0.8	33
49	Deficiency of IL-12p35 improves cardiac repair after myocardial infarction by promoting angiogenesis. <i>Cardiovascular Research</i> , 2016, 109, 249-259.	3.8	47
50	Suppression of autophagy augments the radiosensitizing effects of STAT3 inhibition on human glioma cells. <i>Experimental Cell Research</i> , 2015, 330, 267-276.	2.6	39
51	TIGAR overexpression diminishes radiosensitivity of parotid gland fibroblast cells and inhibits IR-induced cell autophagy. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4823-9.	0.5	3
52	CD8 T Cells Are Involved in Skeletal Muscle Regeneration through Facilitating MCP-1 Secretion and Gr1high Macrophage Infiltration. <i>Journal of Immunology</i> , 2014, 193, 5149-5160.	0.8	101
53	Inhibition of Toll-like receptor 2 reduces cardiac fibrosis by attenuating macrophage-mediated inflammation. <i>Cardiovascular Research</i> , 2014, 101, 383-392.	3.8	110
54	Complement 5a Receptor Mediates Angiotensin II-Induced Cardiac Inflammation and Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1240-1248.	2.4	66

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55	Interleukin-6/Signal Transducer and Activator of Transcription 3 (STAT3) Pathway Is Essential for Macrophage Infiltration and Myoblast Proliferation during Muscle Regeneration. Journal of Biological Chemistry, 2013, 288, 1489-1499.	3.4	224
56	Early Growth Response Protein 1 Promotes Restenosis by Upregulating Intercellular Adhesion Molecule-1 in Vein Graft. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-9.	4.0	23
57	Serum-Glucocorticoid Regulated Kinase 1 Regulates Alternatively Activated Macrophage Polarization Contributing to Angiotensin II-Induced Inflammation and Cardiac Fibrosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1675-1686.	2.4	125
58	Role of Integrin- β 3 Protein in Macrophage Polarization and Regeneration of Injured Muscle. Journal of Biological Chemistry, 2012, 287, 6177-6186.	3.4	50
59	Interleukin-12p35 Deletion Promotes CD4 T-Cell-Dependent Macrophage Differentiation and Enhances Angiotensin II-Induced Cardiac Fibrosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1662-1674.	2.4	97
60	Osteopontin stimulates autophagy via integrin/CD44 and p38 MAPK signaling pathways in vascular smooth muscle cells. Journal of Cellular Physiology, 2012, 227, 127-135.	4.1	124
61	Satellite Cell Dysfunction and Impaired IGF-1 Signaling Cause CKD-Induced Muscle Atrophy. Journal of the American Society of Nephrology: JASN, 2010, 21, 419-427.	6.1	170
62	The Mechanical Stress-Activated Serum-, Glucocorticoid-Regulated Kinase 1 Contributes to Neointima Formation in Vein Grafts. Circulation Research, 2010, 107, 1265-1274.	4.5	48
63	Chemokine CXCL16 Regulates Neutrophil and Macrophage Infiltration into Injured Muscle, Promoting Muscle Regeneration. American Journal of Pathology, 2009, 175, 2518-2527.	3.8	76
64	Antiapoptotic effect of serum and glucocorticoid-inducible protein kinase is mediated by novel mechanism activating κ B kinase. Cancer Research, 2005, 65, 457-64.	0.9	100