

Jie Du

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,400
citations

168829

31
h-index

175968

55
g-index

68
all docs

68
docs citations

68
times ranked

5611
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.	1.8	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.	1.1	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.	0.9	5
4	Variants of Focal Adhesion Scaffold Genes Cause Thoracic Aortic Aneurysm. <i>Circulation Research</i> , 2021, 128, 8-23.	2.0	29
5	TMAO: how gut microbiota contributes to heart failure. <i>Translational Research</i> , 2021, 228, 109-125.	2.2	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.	1.4	6
7	MicroRNA-200b-3p promotes endothelial cell apoptosis by targeting HDAC4 in atherosclerosis. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 172.	0.7	32
8	FABP5 Deficiency Impairs Mitochondrial Function and Aggravates Pathological Cardiac Remodeling and Dysfunction. <i>Cardiovascular Toxicology</i> , 2021, 21, 619-629.	1.1	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.	5.8	5
10	Plasma Ceramides and Cardiovascular Events in Hypertensive Patients at High Cardiovascular Risk. <i>American Journal of Hypertension</i> , 2021, 34, 1209-1216.	1.0	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.	2.3	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.	1.6	23
13	Lipocalin-2 Predicts Long-Term Outcome of Normotensive Patients with Acute Pulmonary Embolism. <i>Cardiovascular Toxicology</i> , 2020, 20, 101-110.	1.1	5
14	Functional Nanocomplexes with Vascular Endothelial Growth Factor A/C Isoforms Improve Collateral Circulation and Cardiac Function. <i>Small</i> , 2020, 16, 1905925.	5.2	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.	2.9	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.	1.5	10
17	Effects of Extracellular Matrix Softening on Vascular Smooth Muscle Cell Dysfunction. <i>Cardiovascular Toxicology</i> , 2020, 20, 548-556.	1.1	15
18	MicroRNA-223-3p promotes skeletal muscle regeneration by regulating inflammation in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 10212-10223.	1.6	35

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19	Macrophage-Derived Exosomal Mir-155 Regulating Cardiomyocyte Pyroptosis and Hypertrophy in Uremic Cardiomyopathy. <i>JACC Basic To Translational Science</i> , 2020, 5, 148-166.	1.9	49
20	A scoring system to predict the occurrence of very late stent thrombosis following percutaneous coronary intervention for acute coronary syndrome. <i>Scientific Reports</i> , 2020, 10, 6378.	1.6	4
21	CD1d-dependent natural killer T cells attenuate angiotensin II-induced cardiac remodelling via IL-10 signalling in mice. <i>Cardiovascular Research</i> , 2019, 115, 83-93.	1.8	34
22	Multifunctional cationic nanosystems for nucleic acid therapy of thoracic aortic dissection. <i>Nature Communications</i> , 2019, 10, 3184.	5.8	36
23	Phagocytosis mediated by scavenger receptor class BI promotes macrophage transition during skeletal muscle regeneration. <i>Journal of Biological Chemistry</i> , 2019, 294, 15672-15685.	1.6	38
24	Genotypes and Phenotypes of Chinese Pediatric Patients With Idiopathic and Heritable Pulmonary Arterial Hypertension—A Single-Center Study. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1851-1856.	0.8	17
25	S100a8/a9 Signaling Causes Mitochondrial Dysfunction and Cardiomyocyte Death in Response to Ischemic/Reperfusion Injury. <i>Circulation</i> , 2019, 140, 751-764.	1.6	155
26	CRISPR/Cas9 Delivery Mediated with Hydroxyl-Rich Nanosystems for Gene Editing in Aorta. <i>Advanced Science</i> , 2019, 6, 1900386.	5.6	23
27	Association of Soluble ST2 Serum Levels With Outcomes in Pediatric Dilated Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2019, 35, 727-735.	0.8	14
28	Effective Delivery of Hypertrophic miRNA Inhibitor by Cholesterol-Containing Nanocarriers for Preventing Pressure Overload Induced Cardiac Hypertrophy. <i>Advanced Science</i> , 2019, 6, 1900023.	5.6	30
29	SGK1 Mediates Hypoxic Pulmonary Hypertension through Promoting Macrophage Infiltration and Activation. <i>Analytical Cellular Pathology</i> , 2019, 2019, 1-10.	0.7	16
30	CXCL1-CXCR2 axis mediates angiotensin II-induced cardiac hypertrophy and remodelling through regulation of monocyte infiltration. <i>European Heart Journal</i> , 2018, 39, 1818-1831.	1.0	192
31	FGF21 Prevents Angiotensin II-Induced Hypertension and Vascular Dysfunction by Activation of ACE2/Angiotensin-(1-7) Axis in Mice. <i>Cell Metabolism</i> , 2018, 27, 1323-1337.e5.	7.2	104
32	The Complement C3a-C3aR Axis Promotes Development of Thoracic Aortic Dissection via Regulation of MMP2 Expression. <i>Journal of Immunology</i> , 2018, 200, 1829-1838.	0.4	36
33	Circulating microRNA signature for the diagnosis of childhood dilated cardiomyopathy. <i>Scientific Reports</i> , 2018, 8, 724.	1.6	37
34	Complement 5a stimulates macrophage polarization and contributes to tumor metastases of colon cancer. <i>Experimental Cell Research</i> , 2018, 366, 127-138.	1.2	62
35	A CRISPR/Cas9-Based Screening for Non-Homologous End Joining Inhibitors Reveals Ouabain and Penfluridol as Radiosensitizers. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 419-431.	1.9	16
36	Magnitude of Soluble ST2 as a Novel Biomarker for Acute Aortic Dissection. <i>Circulation</i> , 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.	1.6	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.	4.6	26
39	Identification of Novel Causal FBN1 Mutations in Pedigrees of Marfan Syndrome. <i>International Journal of Genomics</i> , 2018, 2018, 1-8.	0.8	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.	11.1	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.	5.8	74
43	PGMA-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.	11.1	46
44	β -Aminopropionitrile monofumarate induces thoracic aortic dissection in C57BL/6 mice. <i>Scientific Reports</i> , 2016, 6, 28149.	1.6	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.	0.9	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.	1.7	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.	0.4	33
49	Deficiency of IL-12p35 improves cardiac repair after myocardial infarction by promoting angiogenesis. <i>Cardiovascular Research</i> , 2016, 109, 249-259.	1.8	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.	1.2	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.	0.4	101
53	Inhibition of Toll-like receptor 2 reduces cardiac fibrosis by attenuating macrophage-mediated inflammation. <i>Cardiovascular Research</i> , 2014, 101, 383-392.	1.8	110
54	Complement 5a Receptor Mediates Angiotensin II-Induced Cardiac Inflammation and Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1240-1248.	1.1	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. <i>Journal of Biological Chemistry</i> , 2013, 288, 1489-1499.	1.6	224
56	Early Growth Response Protein 1 Promotes Restenosis by Upregulating Intercellular Adhesion Molecule-1 in Vein Graft. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-9.	1.9	23
57	Serum-Glucocorticoid Regulated Kinase 1 Regulates Alternatively Activated Macrophage Polarization Contributing to Angiotensin II-Induced Inflammation and Cardiac Fibrosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1675-1686.	1.1	125
58	Role of Integrin- β 3 Protein in Macrophage Polarization and Regeneration of Injured Muscle. <i>Journal of Biological Chemistry</i> , 2012, 287, 6177-6186.	1.6	50
59	Interleukin-12p35 Deletion Promotes CD4 T-Cell-Dependent Macrophage Differentiation and Enhances Angiotensin II-Induced Cardiac Fibrosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1662-1674.	1.1	97
60	Osteopontin stimulates autophagy via integrin/CD44 and p38 MAPK signaling pathways in vascular smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 127-135.	2.0	124
61	Satellite Cell Dysfunction and Impaired IGF-1 Signaling Cause CKD-Induced Muscle Atrophy. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 419-427.	3.0	170
62	The Mechanical Stress-Activated Serum-, Glucocorticoid-Regulated Kinase 1 Contributes to Neointima Formation in Vein Grafts. <i>Circulation Research</i> , 2010, 107, 1265-1274.	2.0	48
63	Chemokine CXCL16 Regulates Neutrophil and Macrophage Infiltration into Injured Muscle, Promoting Muscle Regeneration. <i>American Journal of Pathology</i> , 2009, 175, 2518-2527.	1.9	76
64	Antiapoptotic effect of serum and glucocorticoid-inducible protein kinase is mediated by novel mechanism activating I κ B kinase. <i>Cancer Research</i> , 2005, 65, 457-64.	0.4	100