

Jiacheng Deng

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

758
citations

623188

14
h-index

713013

21
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21
all docs

21
docs citations

21
times ranked

1084
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species Generation and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e41-e52.	1.1	109
2	Adventitial Cell Atlas of wt (Wild Type) and ApoE (Apolipoprotein E)-Deficient Mice Defined by Single-Cell RNA Sequencing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1055-1071.	1.1	78
3	Single-Cell RNA-Sequencing and Metabolomics Analyses Reveal the Contribution of Perivascular Adipose Tissue Stem Cells to Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2049-2066.	1.1	72
4	Smooth muscle cells differentiated from mesenchymal stem cells are regulated by microRNAs and suitable for vascular tissue grafts. <i>Journal of Biological Chemistry</i> , 2018, 293, 8089-8102.	1.6	58
5	PKM2-dependent metabolic reprogramming in CD4+ T cells is crucial for hyperhomocysteinemia-accelerated atherosclerosis. <i>Journal of Molecular Medicine</i> , 2018, 96, 585-600.	1.7	56
6	Recipient c-Kit Lineage Cells Repopulate Smooth Muscle Cells of Transplant Arteriosclerosis in Mouse Models. <i>Circulation Research</i> , 2019, 125, 223-241.	2.0	56
7	Homocysteine Activates B Cells via Regulating PKM2-Dependent Metabolic Reprogramming. <i>Journal of Immunology</i> , 2017, 198, 170-183.	0.4	55
8	Binding of Dickkopf-3 to CXCR7 Enhances Vascular Progenitor Cell Migration and Degradable Graft Regeneration. <i>Circulation Research</i> , 2018, 123, 451-466.	2.0	34
9	Single-cell RNA sequencing reveals cell type- and artery type-specific vascular remodelling in male spontaneously hypertensive rats. <i>Cardiovascular Research</i> , 2021, 117, 1202-1216.	1.8	28
10	Nonbone Marrow CD34 ⁺ Cells Are Crucial for Endothelial Repair of Injured Artery. <i>Circulation Research</i> , 2021, 129, e146-e165.	2.0	28
11	Shikonin attenuates hyperhomocysteinemia-induced CD4+ T cell inflammatory activation and atherosclerosis in ApoE ^{-/-} mice by metabolic suppression. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 47-55.	2.8	27
12	GSNOR modulates hyperhomocysteinemia-induced T cell activation and atherosclerosis by switching Akt S-nitrosylation to phosphorylation. <i>Redox Biology</i> , 2018, 17, 386-399.	3.9	24
13	Single-cell gene profiling and lineage tracing analyses revealed novel mechanisms of endothelial repair by progenitors. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 5299-5320.	2.4	24
14	DKK3 (Dickkopf-3) Transdifferentiates Fibroblasts Into Functional Endothelial Cells—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 765-773.	1.1	19
15	Impact of Local Alloimmunity and Recipient Cells in Transplant Arteriosclerosis. <i>Circulation Research</i> , 2020, 127, 974-993.	2.0	17
16	NSun2 regulates aneurysm formation by promoting autotaxin expression and T cell recruitment. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1709-1727.	2.4	17
17	B cell-derived anti-beta 2 glycoprotein I antibody contributes to hyperhomocysteinemia-aggravated abdominal aortic aneurysm. <i>Cardiovascular Research</i> , 2020, 116, 1897-1909.	1.8	16
18	T cell-derived extracellular vesicles regulate B cell IgG production via pyruvate kinase muscle isozyme 2. <i>FASEB Journal</i> , 2019, 33, 12780-12799.	0.2	14

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19	Different Roles of Stem/Progenitor Cells in Vascular Remodeling. Antioxidants and Redox Signaling, 2021, 35, 192-203.	2.5	11
20	Single-cell RNA sequencing reveals B cell-T cell interactions in vascular adventitia of hyperhomocysteinemia-accelerated atherosclerosis. Protein and Cell, 2022, 13, 540-547.	4.8	10
21	Porcine ZC3H11A Is Essential for the Proliferation of Pseudorabies Virus and Porcine Circovirus 2. ACS Infectious Diseases, 2022, , .	1.8	5