

# Jizhong Cheng

## List of Publications by Year in descending order

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29  
papers

842  
citations

516710

16  
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526287

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29  
docs citations

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times ranked

1209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Downregulation of the endothelial histone demethylase JMJD3 is associated with neointimal hyperplasia of arteriovenous fistulas in kidney failure. <i>Journal of Biological Chemistry</i> , 2022, 298, 101816.	3.4	2
2	Low-Se Diet Can Affect Sperm Quality and Testicular Glutathione Peroxidase-4 activity in Rats. <i>Biological Trace Element Research</i> , 2021, 199, 3752-3758.	3.5	14
3	Endothelium-specific depletion of LRP1 improves glucose homeostasis through inducing osteocalcin. <i>Nature Communications</i> , 2021, 12, 5296.	12.8	16
4	Decreased Jagged1 expression in vascular smooth muscle cells delays endothelial regeneration in arteriovenous graft. <i>Cardiovascular Research</i> , 2020, 116, 2142-2155.	3.8	6
5	High-molecular weight hyaluronan attenuates tubulointerstitial scarring in kidney injury. <i>JCI Insight</i> , 2020, 5, .	5.0	13
6	PDGFRA in vascular adventitial MSCs promotes neointima formation in arteriovenous fistula in chronic kidney disease. <i>JCI Insight</i> , 2020, 5, .	5.0	15
7	Notch signaling in bone marrow-derived FSP-1 <sup>+</sup> cells initiates neointima formation in arteriovenous fistulas. <i>Kidney International</i> , 2019, 95, 1347-1358.	5.2	8
8	Association Between Type of Vascular Access Used in Hemodialysis Patients and Subsequent Kidney Transplant Outcomes. <i>Kidney Medicine</i> , 2019, 1, 383-390.	2.0	3
9	Aqp-1 Gene Knockout Attenuates Hypoxic Pulmonary Hypertension of Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 48-62.	2.4	34
10	Hydrodynamic Renal Pelvis Injection for Non-viral Expression of Proteins in the Kidney. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	4
11	Reduced Expression of Glutathione S-Transferase $\gamma$ 4 Promotes Vascular Neointimal Hyperplasia in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 505-517.	6.1	8
12	Transient receptor potential vanilloid 4-expressing macrophages and keratinocytes contribute differentially to allergic and nonallergic chronic itch. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 608-619.e7.	2.9	85
13	Integrin $\beta$ 3 Mediates the Endothelial-to-Mesenchymal Transition via the Notch Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 985-997.	1.6	25
14	TRPV4 Channel Signaling in Macrophages Promotes Gastrointestinal Motility via Direct Effects on Smooth Muscle Cells. <i>Immunity</i> , 2018, 49, 107-119.e4.	14.3	63
15	Kidney-specific transposon-mediated gene transfer in vivo. <i>Scientific Reports</i> , 2017, 7, 44904.	3.3	23
16	Serum Glucocorticoid-Induced Kinase 1 Blocks CKD-Induced Muscle Wasting Via Inactivation of FoxO3a and Smad2/3. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2797-2808.	6.1	28
17	Abstract 409: Notch Signaling in Bone Marrow-derived FSP-1 <sup>+</sup> Cells Mediates a Phenotypic Change in Smooth Muscle Cells Leading to AVF Failure. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	2.4	0
18	Migration of smooth muscle cells from the arterial anastomosis of arteriovenous fistulas requires Notch activation to form neointima. <i>Kidney International</i> , 2015, 88, 490-502.	5.2	37

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19	Impaired Integrin $\alpha$ 3 Delays Endothelial Cell Regeneration and Contributes to Arteriovenous Graft Failure in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 607-615.	2.4	10
20	Protective Role of Insulin-Like Growth Factor-1 Receptor in Endothelial Cells against Unilateral Ureteral Obstruction-Induced Renal Fibrosis. <i>American Journal of Pathology</i> , 2015, 185, 1234-1250.	3.8	39
21	Abstract 643: Impaired Integrin $\alpha$ 3 Delays Endothelial Cell Regeneration and Contributes to Arteriovenous Graft Failure in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0
22	Blocking Notch in Endothelial Cells Prevents Arteriovenous Fistula Failure Despite CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 773-783.	6.1	45
23	Smooth muscle cells from the anastomosed artery are the major precursors for neointima formation in both artery and vein grafts. <i>Basic Research in Cardiology</i> , 2014, 109, 431.	5.9	22
24	Chronic kidney disease accelerates endothelial barrier dysfunction in a mouse model of an arteriovenous fistula. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1413-F1420.	2.7	47
25	FSP-1 Silencing in Bone Marrow Cells Suppresses Neointima Formation in Vein Graft. <i>Circulation Research</i> , 2012, 110, 230-240.	4.5	41
26	The Mechanical Stress-Activated Serum-, Glucocorticoid-Regulated Kinase 1 Contributes to Neointima Formation in Vein Grafts. <i>Circulation Research</i> , 2010, 107, 1265-1274.	4.5	48
27	Mechanical Stretch Inhibits Oxidized Low Density Lipoprotein-induced Apoptosis in Vascular Smooth Muscle Cells by Up-regulating Integrin $\alpha$ 3 and Stabilization of PINCH-1. <i>Journal of Biological Chemistry</i> , 2007, 282, 34268-34275.	3.4	25
28	Oxidized Low-Density Lipoprotein Stimulates p53-Dependent Activation of Proapoptotic Bax Leading to Apoptosis of Differentiated Endothelial Progenitor Cells. <i>Endocrinology</i> , 2007, 148, 2085-2094.	2.8	76
29	Mechanical Stretch Simulates Proliferation of Venous Smooth Muscle Cells Through Activation of the Insulin-Like Growth Factor-1 Receptor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1744-1751.	2.4	105