Y Eugene Chen

List of Publications by Year
in descending order

217 papers	12,246 citations	17440 63 h-index	34986 98 g-index
224 all docs	224 docs citations	224 times ranked	18908 citing authors

#	Article	IF	Citations
1	Impact of donor blood type on outcomes after prolonged allograft ischemic times. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 981-993.e8.	0.8	4
2	KrÃ¼ppel-like factor 14 deletion in myeloid cells accelerates atherosclerotic lesion development. Cardiovascular Research, 2022, 118, 475-488.	3.8	15
3	Exosomes from adipose-derived stem cells alleviate myocardial infarction via microRNA-31/FIH1/HIF-1Î± pathway. Journal of Molecular and Cellular Cardiology, 2022, 162, 10-19.	1.9	35
4	The sodium/glucose cotransporters as potential therapeutic targets for CF lung diseases revealed by human lung organoid swelling assay. Molecular Therapy - Methods and Clinical Development, 2022, 24, 11-19.	4.1	10
5	Mouse Abdominal Aortic Aneurysm Model Induced by Perivascular Application of Elastase. Journal of Visualized Experiments, 2022, , .	0.3	2
6	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study. European Heart Journal, 2022, 43, 1702-1711.	2.2	58
7	HDL quality features revealed by proteomeâ€'lipidome connectivity are associated with atherosclerotic disease. Journal of Molecular Cell Biology, 2022, , .	3.3	4
8	Gut microbiota production of trimethyl-5-aminovaleric acid reduces fatty acid oxidation and accelerates cardiac hypertrophy. Nature Communications, 2022, 13, 1757.	12.8	35
9	RNA sequencing reveals perivascular adipose tissue plasticity in response to angiotensin II. Pharmacological Research, 2022, 178, 106183.	7.1	7
10	Induction of glutathione biosynthesis by glycine-based treatment mitigates atherosclerosis. Redox Biology, 2022, 52, 102313.	9.0	15
11	Recent Advances in Improving Gene-Editing Specificity through CRISPRâ€"Cas9 Nuclease Engineering. Cells, 2022, 11, 2186.	4.1	25
12	Suppression of Vascular Macrophage Activation by Nitro-Oleic Acid and its Implication for Abdominal Aortic Aneurysm Therapy. Cardiovascular Drugs and Therapy, 2021, 35, 939-951.	2.6	9
13	Roles of Perivascular Adipose Tissue in Hypertension and Atherosclerosis. Antioxidants and Redox Signaling, 2021, 34, 736-749.	5.4	38
14	Synthetic high-density lipoproteins delivering liver X receptor agonist prevent atherogenesis by enhancing reverse cholesterol transport. Journal of Controlled Release, 2021, 329, 361-371.	9.9	25
15	Human apolipoprotein A-II reduces atherosclerosis in knock-in rabbits. Atherosclerosis, 2021, 316, 32-40.	0.8	18
16	Endothelial TFEB (Transcription Factor EB) Improves Glucose Tolerance via Upregulation of IRS (Insulin Receptor Substrate) 1 and IRS2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 783-795.	2.4	26
17	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. Cardiovascular Research, 2021, 117, 1402-1416.	3.8	95
18	Genome engineering technologies in rabbits. Journal of Biomedical Research, 2021, 35, 135.	1.6	7

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19	Genetically Modified Rabbits for Cardiovascular Research. Frontiers in Genetics, 2021, 12, 614379.	2.3	9
20	Endothelial Lipase Exerts its Anti-Atherogenic Effect through Increased Catabolism of Î²-VLDLs. Journal of Atherosclerosis and Thrombosis, 2021, 28, 157-168.	2.0	3
21	KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction. JCI Insight, 2021, 6, .	5.0	17
22	Development of the Nude Rabbit Model. Stem Cell Reports, 2021, 16, 656-665.	4.8	7
23	An Asian-specific MPL genetic variant alters JAKâ€“STAT signaling and influences platelet count in the population. Human Molecular Genetics, 2021, 30, 836-842.	2.9	4
24	Genetic variants associated with cardiovascular diseases and related risk factors highlight novel potential therapeutic approaches. Current Opinion in Lipidology, 2021, 32, 148-150.	2.7	3
25	Translating Cardiovascular Genomics to Clinical Practice. Cardiovascular Drugs and Therapy, 2021, 35, 613-615.	2.6	0
26	Integration of Transformative Platforms for the Discovery of Causative Genes in Cardiovascular Diseases. Cardiovascular Drugs and Therapy, 2021, 35, 637-654.	2.6	2
27	New Insight Into Metformin-Induced Cholesterol-Lowering Effect Crosstalk Between Glucose and Cholesterol Homeostasis via ChREBP (Carbohydrate-Responsive Element-Binding Protein)-Mediated PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Regulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e208-e223.	2.4	26
28	Single-Cell Transcriptomics Reveals Endothelial Plasticity During Diabetic Atherogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 689469.	3.7	24
29	Colorectal cancer cells utilize autophagy to maintain mitochondrial metabolism for cell proliferation under nutrient stress. JCI Insight, 2021, 6, .	5.0	17
30	Biomimetic tubular scaffold with heparin conjugation for rapid degradation in in situ regeneration of a small diameter neoartery. Biomaterials, 2021, 274, 120874.	11.4	6
31	Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. Cell Reports, 2021, 36, 109420.	6.4	18
32	Inhibition of a Novel CLK1-THRAP3-PPARÎ³ Axis Improves Insulin Sensitivity. Frontiers in Physiology, 2021, 12, 699578.	2.8	1
33	hiPSC Modeling of Lineage-Specific Smooth Muscle Cell Defects Caused by TGFBR1 ^{A230T} Variant, and Its Therapeutic Implications for Loeys-Dietz Syndrome. Circulation, 2021, 144, 1145-1159.	1.6	24
34	KLF11 Protects against Venous Thrombosis via Suppressing Tissue Factor Expression. Thrombosis and Haemostasis, 2021, , .	3.4	4
35	Differential inflammatory responses of the native left and right ventricle associated with donor heart preservation. Physiological Reports, 2021, 9, e15004.	1.7	4
36	Untargeted metabolomics identifies succinate as a biomarker and therapeutic target in aortic aneurysm and dissection. European Heart Journal, 2021, 42, 4373-4385.	2.2	65

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37	Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm. American Journal of Human Genetics, 2021, 108, 1578-1589.	6.2	17
38	Improving the genome assembly of rabbits with long-read sequencing. Genomics, 2021, 113, 3216-3223.	2.9	7
39	Epidemiologic and Genetic Associations of Erythropoietin With Blood Pressure, Hypertension, and Coronary Artery Disease. Hypertension, 2021, 78, 1555-1566.	2.7	1
40	Transcription factor EB regulates cardiovascular homeostasis. EBioMedicine, 2021, 63, 103207.	6.1	23
41	Phenotypes of CF rabbits generated by CRISPR/Cas9-mediated disruption of the CFTR gene. JCI Insight, 2021, 6, .	5.0	20
42	Gene Editing in Rabbits: Unique Opportunities for Translational Biomedical Research. Frontiers in Genetics, 2021, 12, 642444.	2.3	7
43	Liverâ€humanized mice: A translational strategy to study metabolic disorders. Journal of Cellular Physiology, 2021, , .	4.1	4
44	Type 2 diabetes sex-specific effects associated with E167K coding variant in TM6SF2. IScience, 2021, 24, 103196.	4.1	10
45	Gene editing therapy ready for cardiovascular diseases: opportunities, challenges, and perspectives. Medical Review, 2021, 1, 6-9.	1.2	4
46	Vascular Smooth Muscle Cells in Aortic Aneurysm: From Genetics to Mechanisms. Journal of the American Heart Association, 2021, 10, e023601.	3.7	60
47	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. EBioMedicine, 2021, 74, 103725.	6.1	16
48	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
49	Histidine-Tryptophan-Ketoglutarate Solution for Donor Heart Preservation Is Safe for Transplantation. Annals of Thoracic Surgery, 2020, 109, 763-770.	1.3	8
50	MiCas9 increases large size gene knock-in rates and reduces undesirable on-target and off-target indel edits. Nature Communications, 2020, 11, 6082.	12.8	25
51	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. Science Translational Medicine, 2020, 12, .	12.4	122
52	Apolipoprotein CIII Deficiency Protects Against Atherosclerosis in Knockout Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2095-2107.	2.4	19
53	MEPE loss-of-function variant associates with decreased bone mineral density and increased fracture risk. Nature Communications, 2020, 11, 4093.	12.8	24
54	BAF60a Deficiency in Vascular Smooth Muscle Cells Prevents Abdominal Aortic Aneurysm by Reducing Inflammation and Extracellular Matrix Degradation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2494-2507.	2.4	31

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55	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. Nature Communications, 2020, 11, 6417.	12.8	39
56	Immunodeficient Rabbit Models: History, Current Status and Future Perspectives. Applied Sciences (Switzerland), 2020, 10, 7369.	2.5	1
57	Cyclodextrin Prevents Abdominal Aortic Aneurysm via Activation of Vascular Smooth Muscle Cell Transcription Factor EB. Circulation, 2020, 142, 483-498.	1.6	56
58	In Vitro Lineage-Specific Differentiation of Vascular Smooth Muscle Cells in Response to SMAD3 Deficiency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1651-1663.	2.4	32
59	Editorial. Current Opinion in Lipidology, 2020, 31, 104-107.	2.7	4
60	Perivascular Adipose Tissue Regulates Vascular Function by Targeting Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1094-1109.	2.4	81
61	Causal relationships between NAFLD, T2D and obesity have implications for disease subphenotyping. Journal of Hepatology, 2020, 73, 263-276.	3.7	137
62	Endotheliumâ€targeted overexpression of KrÃ¼ppelâ€like factor 11 protects the bloodâ€brain barrier function after ischemic brain injury. Brain Pathology, 2020, 30, 746-765.	4.1	17
63	Macrophageâ€derived MMPâ€9 enhances the progression of atherosclerotic lesions and vascular calcification in transgenic rabbits. Journal of Cellular and Molecular Medicine, 2020, 24, 4261-4274.	3.6	32
64	TMAVA, a Metabolite of Intestinal Microbes, Is Increased in Plasma From Patients With Liver Steatosis, Inhibits Î³-Butyrobetaine Hydroxylase, and Exacerbates Fatty Liver in Mice. Gastroenterology, 2020, 158, 2266-2281.e27.	1.3	87
65	CRISPR/Cas9-Mediated TERT Disruption in Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 653.	4.1	18
66	Macrophage M2 polarization induced by exosomes from adipose-derived stem cells contributes to the exosomal proangiogenic effect on mouse ischemic hindlimb. Stem Cell Research and Therapy, 2020, 11, 162.	5.5	72
67	Clopidogrel Resistance in a Murine Model of Diet-Induced Obesity Is Mediated by the Interleukin-1 Receptor and Overcome With DT-678. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1533-1542.	2.4	8
68	â€œThe Secret Life of Human Donor Heartsâ€• Circulation: Heart Failure, 2020, 13, e006409.	3.9	10
69	Production of CFTR-Î”F508 Rabbits. Frontiers in Genetics, 2020, 11, 627666.	2.3	7
70	Synergetic Effect of rHDL and LXR Agonist on Reduction of Atherosclerosis in Mice. Frontiers in Pharmacology, 2020, 11, 513031.	3.5	10
71	A Novel Variant in APOB Gene Causes Extremely Low LDL-C Without Known Adverse Effects. JACC: Case Reports, 2020, 2, 775-779.	0.6	0
72	Correction: MicroRNA-27 (miR-27) targets prohibitin and impairs adipocyte differentiation and mitochondrial function in human adipose-derived stem cells.. Journal of Biological Chemistry, 2020, 295, 16468.	3.4	3

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73	CRISPR/Cas9 Ribonucleoprotein-mediated Precise Gene Editing by Tube Electroporation. Journal of Visualized Experiments, 2019, , .	0.3	4
74	Revisiting Vascular Remodeling in the Single-Cell Transcriptome Era. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1896-1898.	2.4	1
75	Clinical Implications of Identifying Pathogenic Variants in Individuals With Thoracic Aortic Dissection. Circulation Genomic and Precision Medicine, 2019, 12, e002476.	3.6	51
76	Novel gene regulatory networks identified in response to nitro-conjugated linoleic acid in human endothelial cells. Physiological Genomics, 2019, 51, 224-233.	2.3	15
77	Nitro-fatty acids protect against steatosis and fibrosis during development of nonalcoholic fatty liver disease in mice. EBioMedicine, 2019, 41, 62-72.	6.1	46
78	HDAC inhibitor valproic acid protects heart function through Foxm1 pathway after acute myocardial infarction. EBioMedicine, 2019, 39, 83-94.	6.1	56
79	KLF11 (KrÃ¼ppel-Like Factor 11) Inhibits Arterial Thrombosis via Suppression of Tissue Factor in the Vascular Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 402-412.	2.4	15
80	Generation of Rabbit Models by Gene Editing Nucleases. Methods in Molecular Biology, 2019, 1874, 327-345.	0.9	13
81	Endothelial TFEB (Transcription Factor EB) Positively Regulates Postischemic Angiogenesis. Circulation Research, 2018, 122, 945-957.	4.5	81
82	Induced pluripotent stem cells with NOTCH1 gene mutation show impaired differentiation into smooth muscle and endothelial cells: Implications for bicuspid aortic valve-related aortopathy. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 515-522.e1.	0.8	27
83	Laminar Flow Attenuates Macrophage Migration Inhibitory Factor Expression in Endothelial Cells. Scientific Reports, 2018, 8, 2360.	3.3	11
84	In situ generation, metabolism and immunomodulatory signaling actions of nitro-conjugated linoleic acid in a murine model of inflammation. Redox Biology, 2018, 15, 522-531.	9.0	55
85	Bmal1 in Perivascular Adipose Tissue Regulates Resting-Phase Blood Pressure Through Transcriptional Regulation of Angiotensinogen. Circulation, 2018, 138, 67-79.	1.6	77
86	Apolipoprotein A-1 mimetic peptide 4F promotes endothelial repairing and compromises reendothelialization impaired by oxidized HDL through SR-B1. Redox Biology, 2018, 15, 228-242.	9.0	30
87	Synthetic High-Density Lipoprotein-Mediated Targeted Delivery of Liver X Receptors Agonist Promotes Atherosclerosis Regression. EBioMedicine, 2018, 28, 225-233.	6.1	74
88	Inflammatory signaling and metabolic regulation by nitro-fatty acids. Nitric Oxide - Biology and Chemistry, 2018, 78, 140-145.	2.7	16
89	Genomic and Transcriptomic Analysis of Hypercholesterolemic Rabbits: Progress and Perspectives. International Journal of Molecular Sciences, 2018, 19, 3512.	4.1	11
90	KrÃ¼ppel-like factor 14, a coronary artery disease associated transcription factor, inhibits endothelial inflammation via NF-Î²B signaling pathway. Atherosclerosis, 2018, 278, 39-48.	0.8	27

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91	Hypertension Enhances Advanced Atherosclerosis and Induces Cardiac Death in Watanabe Heritable Hyperlipidemic Rabbits. American Journal of Pathology, 2018, 188, 2936-2947.	3.8	42
92	Editorial: The Yin and Yang of Perivascular Adipose Tissue in Vascular Disease. Cardiovascular Drugs and Therapy, 2018, 32, 477-479.	2.6	3
93	Therapeutic Lifestyle Changes Improve HDL Function by Inhibiting Myeloperoxidase-Mediated Oxidation in Patients With Metabolic Syndrome. Diabetes Care, 2018, 41, 2431-2437.	8.6	26
94	Emerging therapeutic potential of glycine in cardiometabolic diseases: dual benefits in lipid and glucose metabolism. Current Opinion in Lipidology, 2018, 29, 428-432.	2.7	15
95	Brown Adipocyte-Specific PPARÎ³ (Peroxisome Proliferator-Activated Receptor Î³) Deletion Impairs Perivascular Adipose Tissue Development and Enhances Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1738-1747.	2.4	66
96	Sex differences in abdominal aortic aneurysms. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H1137-H1152.	3.2	30
97	Transcriptomic sequencing reveals diverse adaptive gene expression responses of human vascular smooth muscle cells to nitro-conjugated linoleic acid. Physiological Genomics, 2018, 50, 287-295.	2.3	8
98	Direct Reprogramming of Fibroblasts Into Smooth Muscle-Like Cells With Defined Transcription Factorsâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2191-2197.	2.4	20
99	Bacterial and Pneumocystis Infections in the Lungs of Gene-Knockout Rabbits with Severe Combined Immunodeficiency. Frontiers in Immunology, 2018, 9, 429.	4.8	17
100	Effect of Ambient Fine Particulate Matter Air Pollution and Colder Outdoor Temperatures on High-Density Lipoprotein Function. American Journal of Cardiology, 2018, 122, 565-570.	1.6	18
101	MitoNEET in Perivascular Adipose Tissue Prevents Arterial Stiffness in Aging Mice. Cardiovascular Drugs and Therapy, 2018, 32, 531-539.	2.6	19
102	Macrophage-derived Matrix Metalloproteinase-9 Enhances the Vascular Calcification and Progression of Atherosclerotic Lesions in Transgenic Rabbits. Atherosclerosis Supplements, 2018, 32, 87.	1.2	1
103	Myeloperoxidase mediated HDL oxidation and HDL proteome changes do not contribute to dysfunctional HDL in Chinese subjects with coronary artery disease. PLoS ONE, 2018, 13, e0193782.	2.5	20
104	TFEB inhibits endothelial cell inflammation and reduces atherosclerosis. Science Signaling, 2017, 10, .	3.6	105
105	Brown Adipose Tissue, Not Just a Heater. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 389-391.	2.4	13
106	Multimodal laser-based angioscopy for structural, chemical and biological imaging of atherosclerosis. Nature Biomedical Engineering, 2017, 1, .	22.5	38
107	Deficiency of Cholesteryl Ester Transfer Protein Protects Against Atherosclerosis in Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1068-1075.	2.4	47
108	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. Nature Communications, 2017, 8, 15481.	12.8	90

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109	Increased Hepatic Expression of Endothelial Lipase Inhibits Cholesterol Dietâ€“Induced Hypercholesterolemia and Atherosclerosis in Transgenic Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1282-1289.	2.4	30
110	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
111	Exome chip meta-analysis identifies novel loci and East Asianâ€“specific coding variants that contribute to lipid levels and coronary artery disease. Nature Genetics, 2017, 49, 1722-1730.	21.4	129
112	Production of immunodeficient rabbits by multiplex embryo transfer and multiplex gene targeting. Scientific Reports, 2017, 7, 12202.	3.3	35
113	Yes-Associated Protein Inhibits Transcription of Myocardin and Attenuates Differentiation of Vascular Smooth Muscle Cell from Cardiovascular Progenitor Cell Lineage. Stem Cells, 2017, 35, 351-361.	3.2	27
114	KrÃ¼ppel-like factors and vascular wall homeostasis. Journal of Molecular Cell Biology, 2017, 9, 352-363.	3.3	76
115	MitoNEET in Perivascular Adipose Tissue Blunts Atherosclerosis under Mild Cold Condition in Mice. Frontiers in Physiology, 2017, 8, 1032.	2.8	24
116	SysFinder: A customized platform for search, comparison and assisted design of appropriate animal models based on systematic similarity. Journal of Genetics and Genomics, 2017, 44, 251-258.	3.9	0
117	Nitro-fatty acids in cardiovascular regulation and diseases characteristics and molecular mechanisms. Frontiers in Bioscience - Landmark, 2016, 21, 873-889.	3.0	42
118	Deep transcriptomic profiling reveals the similarity between endothelial cells cultured under static and oscillatory shear stress conditions. Physiological Genomics, 2016, 48, 660-666.	2.3	23
119	Identification and characterization of rabbit ROSA26 for gene knock-in and stable reporter gene expression. Scientific Reports, 2016, 6, 25161.	3.3	44
120	Differentiation defect in neural crest-derived smooth muscle cells in patients with aortopathy associated with bicuspid aortic valves. EBioMedicine, 2016, 10, 282-290.	6.1	59
121	Dual Anti-Inflammatory and Anti-Angiogenic Action of miR-15a in Diabetic Retinopathy. EBioMedicine, 2016, 11, 138-150.	6.1	66
122	Significant Improvement of Antithrombotic Responses to Clopidogrel by Use of a Novel Conjugate as Revealed in an Arterial Model of Thrombosis. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 11-17.	2.5	10
123	Hyperlipidemia-associated gene variations and expression patterns revealed by whole-genome and transcriptome sequencing of rabbit models. Scientific Reports, 2016, 6, 26942.	3.3	24
124	Reply. Gastroenterology, 2016, 151, 1034-1035.	1.3	0
125	Angiotensin II Destabilizes Coronary Plaques in Watanabe Heritable Hyperlipidemic Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 810-816.	2.4	16
126	RS-1 enhances CRISPR/Cas9- and TALEN-mediated knock-in efficiency. Nature Communications, 2016, 7, 10548.	12.8	346

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127	Cell-free 3D scaffold with two-stage delivery of miRNA-26a to regenerate critical-sized bone defects. Nature Communications, 2016, 7, 10376.	12.8	203
128	Hepatic Transmembrane 6 Superfamily Member 2 Regulates Cholesterol Metabolism in Mice. Gastroenterology, 2016, 150, 1208-1218.	1.3	78
129	High-Density Lipoproteins: Natureâ€™s Multifunctional Nanoparticles. ACS Nano, 2016, 10, 3015-3041.	14.6	255
130	ApoE knockout rabbits: A novel model for the study of human hyperlipidemia. Atherosclerosis, 2016, 245, 187-193.	0.8	70
131	Experimental Biology for the Identification of Causal Pathways in Atherosclerosis. Cardiovascular Drugs and Therapy, 2016, 30, 1-11.	2.6	5
132	Adipose-Derived Stem Cells Induce Angiogenesis via Microvesicle Transport of miRNA-31. Stem Cells Translational Medicine, 2016, 5, 440-450.	3.3	176
133	Cardiomyocyte Overexpression of FABP4 Aggravates Pressure Overload-Induced Heart Hypertrophy. PLoS ONE, 2016, 11, e0157372.	2.5	23
134	The Liver Clock Controls Cholesterol Homeostasis through Trib1 Protein-mediated Regulation of PCSK9/Low Density Lipoprotein Receptor (LDLR) Axis. Journal of Biological Chemistry, 2015, 290, 31003-31012.	3.4	31
135	Derivation of Rabbit Embryonic Stem Cells from Vitrifiedâ€“Thawed Embryos. Cellular Reprogramming, 2015, 17, 453-462.	0.9	6
136	Exome-wide association analysis reveals novel coding sequence variants associated with lipid traits in Chinese. Nature Communications, 2015, 6, 10206.	12.8	86
137	GREGOR: evaluating global enrichment of trait-associated variants in epigenomic features using a systematic, data-driven approach. Bioinformatics, 2015, 31, 2601-2606.	4.1	146
138	Ductile electroactive biodegradable hyperbranched polylactide copolymers enhancing myoblast differentiation. Biomaterials, 2015, 71, 158-167.	11.4	101
139	The effect of phospholipid composition of reconstituted HDL on its cholesterol efflux and anti-inflammatory properties. Journal of Lipid Research, 2015, 56, 1727-1737.	4.2	93
140	Patient-specific cardiovascular progenitor cells derived from integration-free induced pluripotent stem cells for vascular tissue regeneration. Biomaterials, 2015, 73, 51-59.	11.4	25
141	A Diet-Sensitive BAF60a-Mediated Pathway Links Hepatic Bile Acid Metabolism to Cholesterol Absorption and Atherosclerosis. Cell Reports, 2015, 13, 1658-1669.	6.4	26
142	Rabbit models for the study of human atherosclerosis: From pathophysiological mechanisms to translational medicine. , 2015, 146, 104-119.		259
143	KrÃ¼pple-like factors in the central nervous system: novel mediators in Stroke. Metabolic Brain Disease, 2015, 30, 401-410.	2.9	21
144	Perhexiline activates KLF14 and reduces atherosclerosis by modulating ApoA-I production. Journal of Clinical Investigation, 2015, 125, 3819-3830.	8.2	72

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145	Angiogenesis-regulating microRNAs and Ischemic Stroke. Current Vascular Pharmacology, 2015, 13, 352-365.	1.7	135
146	Abstract 335: Atheroma-specific Delivery of Synthetic High-density Lipoprotein Containing Sphingosine-1-phosphate for Modulation of Vascular Inflammation.. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
147	Abstract 132: CETP Deficiency in Rabbits Protects High Fat High Cholesterol Diet Induced Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
148	Effective gene targeting in rabbits using RNA-guided Cas9 nucleases. Journal of Molecular Cell Biology, 2014, 6, 97-99.	3.3	143
149	Telomere Elongation and Naive Pluripotent Stem Cells Achieved from Telomerase Haplo-Insufficient Cells by Somatic Cell Nuclear Transfer. Cell Reports, 2014, 9, 1603-1609.	6.4	14
150	Whole-Exome Sequencing Identifies Rare and Low-Frequency Coding Variants Associated with LDL Cholesterol. American Journal of Human Genetics, 2014, 94, 233-245.	6.2	193
151	Systematic evaluation of coding variation identifies a candidate causal variant in TM6SF2 influencing total cholesterol and myocardial infarction risk. Nature Genetics, 2014, 46, 345-351.	21.4	268
152	Non-coding RNAs in cerebral endothelial pathophysiology: Emerging roles in stroke. Neurochemistry International, 2014, 77, 9-16.	3.8	95
153	Rosa26-targeted swine models for stable gene over-expression and Cre-mediated lineage tracing. Cell Research, 2014, 24, 501-504.	12.0	77
154	Perivascular Adipose Tissue in Vascular Function and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1621-1630.	2.4	246
155	Engineering vascular tissue with functional smooth muscle cells derived from human iPS cells and nanofibrous scaffolds. Biomaterials, 2014, 35, 8960-8969.	11.4	111
156	Abstract 302: Generation of Patient-Specific Tissue-Engineered Blood Vessels From Nonintegrated Induced Pluripotent Stem Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
157	Electrophilic nitro-fatty acids inhibit vascular inflammation by disrupting LPS-dependent TLR4 signalling in lipid rafts. Cardiovascular Research, 2013, 98, 116-124.	3.8	98
158	MicroRNA-27 (miR-27) Targets Prohibitin and Impairs Adipocyte Differentiation and Mitochondrial Function in Human Adipose-derived Stem Cells. Journal of Biological Chemistry, 2013, 288, 34394-34402.	3.4	144
159	Human Apolipoprotein A-II Protects Against Diet-Induced Atherosclerosis in Transgenic Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 224-231.	2.4	57
160	Production of Apolipoprotein C-III Knockout Rabbits using Zinc Finger Nucleases. Journal of Visualized Experiments, 2013, , e50957.	0.3	23
161	Peroxisome Proliferator-activated Receptor Î³ Coactivator 1Î² (PGC-1Î²) Protein Attenuates Vascular Lesion Formation by Inhibition of Chromatin Loading of Minichromosome Maintenance Complex in Smooth Muscle Cells. Journal of Biological Chemistry, 2013, 288, 4625-4636.	3.4	8
162	KLF11 mediates PPARÎ³ cerebrovascular protection in ischaemic stroke. Brain, 2013, 136, 1274-1287.	7.6	78

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163	Paradoxical Roles of Perivascular Adipose Tissue in Atherosclerosis and Hypertension. Circulation Journal, 2013, 77, 11-18.	1.6	71
164	MCPIP1 Deficiency in Mice Results in Severe Anemia Related to Autoimmune Mechanisms. PLoS ONE, 2013, 8, e82542.	2.5	17
165	A Tripeptide Diapin Effectively Lowers Blood Glucose Levels in Male Type 2 Diabetes Mice by Increasing Blood Levels of Insulin and GLP-1. PLoS ONE, 2013, 8, e83509.	2.5	12
166	Electrophilic nitroâ€fatty acids inhibit vascular inflammation. FASEB Journal, 2013, 27, 920.10.	0.5	0
167	KrÃ¼ppel-Like Factor-11, a Transcription Factor Involved in Diabetes Mellitus, Suppresses Endothelial Cell Activation via the Nuclear Factor-Î°B Signaling Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2981-2988.	2.4	35
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