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	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
2	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
3	RS-1 enhances CRISPR/Cas9- and TALEN-mediated knock-in efficiency. Nature Communications, 2016, 7, 10548.	12.8	346
4	The unfolded protein response transducer IRE1Î± prevents ER stress-induced hepatic steatosis. EMBO Journal, 2011, 30, 1357-1375.	7.8	302
5	miR-497 regulates neuronal death in mouse brain after transient focal cerebral ischemia. Neurobiology of Disease, 2010, 38, 17-26.	4.4	285
6	Loss of Perivascular Adipose Tissue on Peroxisome Proliferatorâ€“Activated Receptor-Î³ Deletion in Smooth Muscle Cells Impairs Intravascular Thermoregulation and Enhances Atherosclerosis. Circulation, 2012, 126, 1067-1078.	1.6	284
7	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
8	Rabbit models for the study of human atherosclerosis: From pathophysiological mechanisms to translational medicine. , 2015, 146, 104-119.		259
9	High-Density Lipoproteins: Natureâ€™s Multifunctional Nanoparticles. ACS Nano, 2016, 10, 3015-3041.	14.6	255
10	Perivascular Adipose Tissue in Vascular Function and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1621-1630.	2.4	246
11	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
12	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
13	Peroxisome Proliferator-Activated Receptor Î´ Regulation of miR-15a in Ischemia-Induced Cerebral Vascular Endothelial Injury. Journal of Neuroscience, 2010, 30, 6398-6408.	3.6	185
14	Adipose-Derived Stem Cells Induce Angiogenesis via Microvesicle Transport of miRNA-31. Stem Cells Translational Medicine, 2016, 5, 440-450.	3.3	176
15	PPARs and the Cardiovascular System. Antioxidants and Redox Signaling, 2009, 11, 1415-1452.	5.4	173
16	Porous nanofibrous PLLA scaffolds for vascular tissue engineering. Biomaterials, 2010, 31, 7971-7977.	11.4	170
17	Molecular recognition of nitrated fatty acids by PPARÎ³. Nature Structural and Molecular Biology, 2008, 15, 865-867.	8.2	161
18	Covalent Peroxisome Proliferator-activated Receptor Î³ Adduction by Nitro-fatty Acids. Journal of Biological Chemistry, 2010, 285, 12321-12333.	3.4	151

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19	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
20	MicroRNA-1 Regulates Smooth Muscle Cell Differentiation by Repressing Kruppel-Like Factor 4. Stem Cells and Development, 2011, 20, 205-210.	2.1	145
21	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
22	Effective gene targeting in rabbits using RNA-guided Cas9 nucleases. Journal of Molecular Cell Biology, 2014, 6, 97-99.	3.3	143
23	Causal relationships between NAFLD, T2D and obesity have implications for disease subphenotyping. Journal of Hepatology, 2020, 73, 263-276.	3.7	137
24	Angiogenesis-regulating microRNAs and Ischemic Stroke. Current Vascular Pharmacology, 2015, 13, 352-365.	1.7	135
25	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
26	Generation of PPARÎ³ mono-allelic knockout pigs via zinc-finger nucleases and nuclear transfer cloning. Cell Research, 2011, 21, 979-982.	12.0	128
27	Vascular Endothelial Cell-specific MicroRNA-15a Inhibits Angiogenesis in Hindlimb Ischemia. Journal of Biological Chemistry, 2012, 287, 27055-27064.	3.4	122
28	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. Science Translational Medicine, 2020, 12, .	12.4	122
29	miR-10a Contributes to Retinoid Acid-induced Smooth Muscle Cell Differentiation. Journal of Biological Chemistry, 2010, 285, 9383-9389.	3.4	120
30	Identification and Mechanism of 10-Carbon Fatty Acid as Modulating Ligand of Peroxisome Proliferator-activated Receptors. Journal of Biological Chemistry, 2012, 287, 183-195.	3.4	119
31	Ligand-Activated Peroxisome Proliferatorâ€“Activated Receptor-Î³ Protects Against Ischemic Cerebral Infarction and Neuronal Apoptosis by 14-3-3Îµ Upregulation. Circulation, 2009, 119, 1124-1134.	1.6	114
32	Nitro-Oleic Acid Inhibits Angiotensin IIâ€“Induced Hypertension. Circulation Research, 2010, 107, 540-548.	4.5	114
33	Engineering vascular tissue with functional smooth muscle cells derived from human iPS cells and nanofibrous scaffolds. Biomaterials, 2014, 35, 8960-8969.	11.4	111
34	PPARÎ³ and its ligands: therapeutic implications in cardiovascular disease. Clinical Science, 2009, 116, 205-218.	4.3	110
35	Rad GTPase Deficiency Leads to Cardiac Hypertrophy. Circulation, 2007, 116, 2976-2983.	1.6	105
36	TFEB inhibits endothelial cell inflammation and reduces atherosclerosis. Science Signaling, 2017, 10, .	3.6	105

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37	Ductile electroactive biodegradable hyperbranched polylactide copolymers enhancing myoblast differentiation. Biomaterials, 2015, 71, 158-167.	11.4	101
38	Yap1 Protein Regulates Vascular Smooth Muscle Cell Phenotypic Switch by Interaction with Myocardin. Journal of Biological Chemistry, 2012, 287, 14598-14605.	3.4	100
39	Human C-Reactive Protein Does Not Promote Atherosclerosis in Transgenic Rabbits. Circulation, 2009, 120, 2088-2094.	1.6	98
40	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
41	Non-coding RNAs in cerebral endothelial pathophysiology: Emerging roles in stroke. Neurochemistry International, 2014, 77, 9-16.	3.8	95
42	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. Cardiovascular Research, 2021, 117, 1402-1416.	3.8	95
43	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
44	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. Nature Communications, 2017, 8, 15481.	12.8	90
45	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
46	Exome-wide association analysis reveals novel coding sequence variants associated with lipid traits in Chinese. Nature Communications, 2015, 6, 10206.	12.8	86
47	Smooth Muscle Cell Differentiation In Vitro. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1485-1494.	2.4	82
48	Endothelial TFEB (Transcription Factor EB) Positively Regulates Postischemic Angiogenesis. Circulation Research, 2018, 122, 945-957.	4.5	81
49	Perivascular Adipose Tissue Regulates Vascular Function by Targeting Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1094-1109.	2.4	81
50	KLF11 mediates PPARÎ³ cerebrovascular protection in ischaemic stroke. Brain, 2013, 136, 1274-1287.	7.6	78
51	Hepatic Transmembrane 6 Superfamily Member 2 Regulates Cholesterol Metabolism in Mice. Gastroenterology, 2016, 150, 1208-1218.	1.3	78
52	Rosa26-targeted swine models for stable gene over-expression and Cre-mediated lineage tracing. Cell Research, 2014, 24, 501-504.	12.0	77
53	Bmal1 in Perivascular Adipose Tissue Regulates Resting-Phase Blood Pressure Through Transcriptional Regulation of Angiotensinogen. Circulation, 2018, 138, 67-79.	1.6	77
54	A Comparison of Murine Smooth Muscle Cells Generated from Embryonic versus Induced Pluripotent Stem Cells. Stem Cells and Development, 2009, 18, 741-748.	2.1	76

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55	KrÃ¼ppel-like factors and vascular wall homeostasis. Journal of Molecular Cell Biology, 2017, 9, 352-363.	3.3	76
56	Disruption of Inducible 6-Phosphofructo-2-kinase Ameliorates Diet-induced Adiposity but Exacerbates Systemic Insulin Resistance and Adipose Tissue Inflammatory Response. Journal of Biological Chemistry, 2010, 285, 3713-3721.	3.4	75
57	Synthetic High-Density Lipoprotein-Mediated Targeted Delivery of Liver X Receptors Agonist Promotes Atherosclerosis Regression. EBioMedicine, 2018, 28, 225-233.	6.1	74
58	A Highly Efficient Method to Differentiate Smooth Muscle Cells From Human Embryonic Stem Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, e311-2.	2.4	73
59	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
60	Perhexiline activates KLF14 and reduces atherosclerosis by modulating ApoA-I production. Journal of Clinical Investigation, 2015, 125, 3819-3830.	8.2	72
61	Paradoxical Roles of Perivascular Adipose Tissue in Atherosclerosis and Hypertension. Circulation Journal, 2013, 77, 11-18.	1.6	71
62	ApoE knockout rabbits: A novel model for the study of human hyperlipidemia. Atherosclerosis, 2016, 245, 187-193.	0.8	70
63	Nitro-Fatty Acid Inhibition of Neointima Formation After Endoluminal Vessel Injury. Circulation Research, 2009, 105, 965-972.	4.5	66
64	Dual Anti-Inflammatory and Anti-Angiogenic Action of miR-15a in Diabetic Retinopathy. EBioMedicine, 2016, 11, 138-150.	6.1	66
65	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
66	Vascular Smooth Muscle Cellâ€“Selective Peroxisome Proliferatorâ€“Activated Receptor-Î³ Deletion Leads to Hypotension. Circulation, 2009, 119, 2161-2169.	1.6	65
67	Rad GTPase inhibits cardiac fibrosis through connective tissue growth factor. Cardiovascular Research, 2011, 91, 90-98.	3.8	65
68	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
69	Mitochondrial Dysfunction and Adipogenic Reduction by Prohibitin Silencing in 3T3-L1 Cells. PLoS ONE, 2012, 7, e34315.	2.5	65
70	Vascular Smooth Muscle Cells in Aortic Aneurysm: From Genetics to Mechanisms. Journal of the American Heart Association, 2021, 10, e023601.	3.7	60
71	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
72	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

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73	Human Apolipoprotein A-II Protects Against Diet-Induced Atherosclerosis in Transgenic Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 224-231.	2.4	57
74	HDAC inhibitor valproic acid protects heart function through Foxm1 pathway after acute myocardial infarction. EBioMedicine, 2019, 39, 83-94.	6.1	56
75	Cyclodextrin Prevents Abdominal Aortic Aneurysm via Activation of Vascular Smooth Muscle Cell Transcription Factor EB. Circulation, 2020, 142, 483-498.	1.6	56
76	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
77	Three-dimensional growth of iPS cell-derived smooth muscle cells on nanofibrous scaffolds. Biomaterials, 2011, 32, 4369-4375.	11.4	53
78	Novel Keto-phospholipids Are Generated by Monocytes and Macrophages, Detected in Cystic Fibrosis, and Activate Peroxisome Proliferator-activated Receptor-Î³. Journal of Biological Chemistry, 2012, 287, 41651-41666.	3.4	52
79	Clinical Implications of Identifying Pathogenic Variants in Individuals With Thoracic Aortic Dissection. Circulation Genomic and Precision Medicine, 2019, 12, e002476.	3.6	51
80	Vascular PPARÎ´ Protects Against Stroke-Induced Brain Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 574-581.	2.4	48
81	Diabetic HDL Is Dysfunctional in Stimulating Endothelial Cell Migration and Proliferation Due to Down Regulation of SR-BI Expression. PLoS ONE, 2012, 7, e48530.	2.5	47
82	Deficiency of Cholesteryl Ester Transfer Protein Protects Against Atherosclerosis in Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1068-1075.	2.4	47
83	Monocyte Chemotactic Protein-induced Protein 1 (MCPIP1) Suppresses Stress Granule Formation and Determines Apoptosis under Stress. Journal of Biological Chemistry, 2011, 286, 41692-41700.	3.4	46
84	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
85	Identification and characterization of rabbit ROSA26 for gene knock-in and stable reporter gene expression. Scientific Reports, 2016, 6, 25161.	3.3	44
86	Vascular smooth muscle cell peroxisome proliferator-activated receptor-Î³ deletion promotes abdominal aortic aneurysms. Journal of Vascular Surgery, 2010, 52, 984-993.	1.1	42
87	Nitro-fatty acids in cardiovascular regulation and diseases characteristics and molecular mechanisms. Frontiers in Bioscience - Landmark, 2016, 21, 873-889.	3.0	42
88	Hypertension Enhances Advanced Atherosclerosis and Induces Cardiac Death in Watanabe Heritable Hyperlipidemic Rabbits. American Journal of Pathology, 2018, 188, 2936-2947.	3.8	42
89	Involvement of Inducible 6-Phosphofructo-2-kinase in the Anti-diabetic Effect of Peroxisome Proliferator-activated Receptor Î³ Activation in Mice. Journal of Biological Chemistry, 2010, 285, 23711-23720.	3.4	40
90	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. Nature Communications, 2020, 11, 6417.	12.8	39

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91	Multimodal laser-based angioscopy for structural, chemical and biological imaging of atherosclerosis. Nature Biomedical Engineering, 2017, 1, .	22.5	38
92	Roles of Perivascular Adipose Tissue in Hypertension and Atherosclerosis. Antioxidants and Redox Signaling, 2021, 34, 736-749.	5.4	38
93	KrÃ¼ppel-Like Factor-11, a Transcription Factor Involved in Diabetes Mellitus, Suppresses Endothelial Cell Activation via the Nuclear Factor-ÎºB Signaling Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2981-2988.	2.4	35
94	Production of immunodeficient rabbits by multiplex embryo transfer and multiplex gene targeting. Scientific Reports, 2017, 7, 12202.	3.3	35
95	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
96	Gut microbiota production of trimethyl-5-aminovaleric acid reduces fatty acid oxidation and accelerates cardiac hypertrophy. Nature Communications, 2022, 13, 1757.	12.8	35
97	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
98	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
99	Smooth and Cardiac Muscle-selective Knock-out of KrÃ¼ppel-like Factor 4 Causes Postnatal Death and Growth Retardation. Journal of Biological Chemistry, 2010, 285, 21175-21184.	3.4	31
100	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
101	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
102	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
103	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
104	Sex differences in abdominal aortic aneurysms. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H1137-H1152.	3.2	30
105	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
106	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
107	KrÃ¼ppel-like factor 14, a coronary artery disease associated transcription factor, inhibits endothelial inflammation via NF-ÎºB signaling pathway. Atherosclerosis, 2018, 278, 39-48.	0.8	27
108	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

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109	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
110	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
111	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
112	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
113	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
114	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
115	Recent Advances in Improving Gene-Editing Specificity through CRISPRâ€“Cas9 Nuclease Engineering. Cells, 2022, 11, 2186.	4.1	25
116	Beneficial Effect of Young Oocytes for Rabbit Somatic Cell Nuclear Transfer. Cloning and Stem Cells, 2009, 11, 131-140.	2.6	24
117	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
118	MitoNEET in Perivascular Adipose Tissue Blunts Atherosclerosis under Mild Cold Condition in Mice. Frontiers in Physiology, 2017, 8, 1032.	2.8	24
119	MEPE loss-of-function variant associates with decreased bone mineral density and increased fracture risk. Nature Communications, 2020, 11, 4093.	12.8	24
120	Single-Cell Transcriptomics Reveals Endothelial Plasticity During Diabetic Atherogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 689469.	3.7	24
121	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
122	Vascular Smooth Muscle Cell Peroxisome Proliferatorâ€“Activated Receptor-Î³ Mediates Pioglitazone-Reduced Vascular Lesion Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 352-359.	2.4	23
123	Production of Apolipoprotein C-III Knockout Rabbits using Zinc Finger Nucleases. Journal of Visualized Experiments, 2013, , e50957.	0.3	23
124	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
125	Transcription factor EB regulates cardiovascular homeostasis. EBioMedicine, 2021, 63, 103207.	6.1	23
126	Cardiomyocyte Overexpression of FABP4 Aggravates Pressure Overload-Induced Heart Hypertrophy. PLoS ONE, 2016, 11, e0157372.	2.5	23

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127	KrÃ¼ppel-like factors in the central nervous system: novel mediators in Stroke. Metabolic Brain Disease, 2015, 30, 401-410.	2.9	21
128	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
129	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
130	Phenotypes of CF rabbits generated by CRISPR/Cas9-mediated disruption of the CFTR gene. JCI Insight, 2021, 6, .	5.0	20
131	Spatial and temporal distribution of Oct-4 and acetylated H4K5 in rabbit embryos. Reproductive BioMedicine Online, 2012, 24, 433-442.	2.4	19
132	MitoNEET in Perivascular Adipose Tissue Prevents Arterial Stiffness in Aging Mice. Cardiovascular Drugs and Therapy, 2018, 32, 531-539.	2.6	19
133	Apolipoprotein CIII Deficiency Protects Against Atherosclerosis in Knockout Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2095-2107.	2.4	19
134	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
135	CRISPR/Cas9-Mediated TERT Disruption in Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 653.	4.1	18
136	Human apolipoprotein A-II reduces atherosclerosis in knock-in rabbits. Atherosclerosis, 2021, 316, 32-40.	0.8	18
137	Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. Cell Reports, 2021, 36, 109420.	6.4	18
138	Construction of Vascular Tissues with Macro-Porous Nano-Fibrous Scaffolds and Smooth Muscle Cells Enriched from Differentiated Embryonic Stem Cells. PLoS ONE, 2012, 7, e35580.	2.5	18
139	Inhibition of Gluconeogenic Genes by Calcium-regulated Heat-stable Protein 1 via Repression of Peroxisome Proliferator-activated Receptor Î±. Journal of Biological Chemistry, 2011, 286, 40584-40594.	3.4	17
140	MCPIP1 Deficiency in Mice Results in Severe Anemia Related to Autoimmune Mechanisms. PLoS ONE, 2013, 8, e82542.	2.5	17
141	Bacterial and Pneumocystis Infections in the Lungs of Gene-Knockout Rabbits with Severe Combined Immunodeficiency. Frontiers in Immunology, 2018, 9, 429.	4.8	17
142	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
143	KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction. JCI Insight, 2021, 6, .	5.0	17
144	Colorectal cancer cells utilize autophagy to maintain mitochondrial metabolism for cell proliferation under nutrient stress. JCI Insight, 2021, 6, .	5.0	17

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145	Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm. American Journal of Human Genetics, 2021, 108, 1578-1589.	6.2	17
146	Recombinant Rabbit Leukemia Inhibitory Factor and Rabbit Embryonic Fibroblasts Support the Derivation and Maintenance of Rabbit Embryonic Stem Cells. Cellular Reprogramming, 2012, 14, 364-376.	0.9	16
147	Angiotensin II Destabilizes Coronary Plaques in Watanabe Heritable Hyperlipidemic Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 810-816.	2.4	16
148	Inflammatory signaling and metabolic regulation by nitro-fatty acids. Nitric Oxide - Biology and Chemistry, 2018, 78, 140-145.	2.7	16
149	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. EBioMedicine, 2021, 74, 103725.	6.1	16
150	MicroRNA and Vascular Smooth Muscle Cells. Vitamins and Hormones, 2011, 87, 321-339.	1.7	15
151	Endothelial Lipase Mediates HDL Levels in Normal and Hyperlipidemic Rabbits. Journal of Atherosclerosis and Thrombosis, 2012, 19, 213-226.	2.0	15
152	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
153	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
154	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
155	KrÃ¼ppel-like factor 14 deletion in myeloid cells accelerates atherosclerotic lesion development. Cardiovascular Research, 2022, 118, 475-488.	3.8	15
156	Induction of glutathione biosynthesis by glycine-based treatment mitigates atherosclerosis. Redox Biology, 2022, 52, 102313.	9.0	15
157	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
158	The role of peroxisome proliferator-activated receptor Î³ in blood pressure regulation. Current Hypertension Reports, 2009, 11, 239-245.	3.5	13
159	Brown Adipose Tissue, Not Just a Heater. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 389-391.	2.4	13
160	Generation of Rabbit Models by Gene Editing Nucleases. Methods in Molecular Biology, 2019, 1874, 327-345.	0.9	13
161	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
162	Laminar Flow Attenuates Macrophage Migration Inhibitory Factor Expression in Endothelial Cells. Scientific Reports, 2018, 8, 2360.	3.3	11

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