

Wang Zuo

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,181
citations

471509

17
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of pyroptosis in cardiovascular disease. Cell Proliferation, 2019, 52, e12563.	5.3	255
2	OxLDL induces vascular endothelial cell pyroptosis through miR-125a-5p/TET2 pathway. Journal of Cellular Physiology, 2019, 234, 7475-7491.	4.1	102
3	Autophagy Regulates Vascular Endothelial Cell eNOS and ET-1 Expression Induced by Laminar Shear Stress in an Ex Vivo Perfused System. Annals of Biomedical Engineering, 2014, 42, 1978-1988.	2.5	93
4	Mitochondrial Dysfunction in Atherosclerosis. DNA and Cell Biology, 2019, 38, 597-606.	1.9	91
5	Trimethylamine N-oxide promotes apoE ^{-/-} mice atherosclerosis by inducing vascular endothelial cell pyroptosis via the SDHB/ROS pathway. Journal of Cellular Physiology, 2020, 235, 6582-6591.	4.1	78
6	Tet methylcytosine dioxygenase 2 inhibits atherosclerosis via upregulation of autophagy in ApoE ^{-/-} mice. Oncotarget, 2016, 7, 76423-76436.	1.8	70
7	Aberrant DNA methylation in the pathogenesis of atherosclerosis. Clinica Chimica Acta, 2016, 456, 69-74.	1.1	57
8	Low Shear Stress Inhibited Endothelial Cell Autophagy Through TET2 Downregulation. Annals of Biomedical Engineering, 2016, 44, 2218-2227.	2.5	48
9	TET2: A Novel Epigenetic Regulator and Potential Intervention Target for Atherosclerosis. DNA and Cell Biology, 2018, 37, 517-523.	1.9	42
10	MicroRNAs: Important Regulators of Induced Pluripotent Stem Cell Generation and Differentiation. Stem Cell Reviews and Reports, 2018, 14, 71-81.	5.6	40
11	Cathepsin L stimulates autophagy and inhibits apoptosis of ox-LDL-induced endothelial cells: Potential role in atherosclerosis. International Journal of Molecular Medicine, 2013, 31, 400-406.	4.0	39
12	Shear Stress in Atherosclerotic Plaque Determination. DNA and Cell Biology, 2014, 33, 830-838.	1.9	38
13	Oxidized Low-Density Lipoprotein Inhibits THP-1-Derived Macrophage Autophagy via TET2 Downregulation. Lipids, 2015, 50, 177-183.	1.7	27
14	TET2 Protects against oxLDL-Induced HUVEC Dysfunction by Upregulating the CSE/H2S System. Frontiers in Pharmacology, 2017, 8, 486.	3.5	27
15	Inhibition of the ox-LDL-Induced Pyroptosis by FGF21 of Human Umbilical Vein Endothelial Cells Through the TET2-UQCRC1-ROS Pathway. DNA and Cell Biology, 2020, 39, 661-670.	1.9	25
16	Vitamin C down-regulate apo(a) expression via Tet2-dependent DNA demethylation in HepG2 cells. International Journal of Biological Macromolecules, 2017, 98, 637-645.	7.5	24
17	MiR-124-3p promotes trophoblast cell HTR-8/SVneo pyroptosis by targeting placental growth factor. Placenta, 2020, 101, 176-184.	1.5	22
18	Interaction Between microRNA and DNA Methylation in Atherosclerosis. DNA and Cell Biology, 2021, 40, 101-115.	1.9	17

#	ARTICLE	IF	CITATIONS
19	PCSK9 mediates the oxidative low-density lipoprotein-induced pyroptosis of vascular endothelial cells via the UQCRC1/ROS pathway. International Journal of Molecular Medicine, 2021, 47, .	4.0	16
20	miR-23b and miR-125b downregulate apo(a) expression by targeting Ets1 in HepG2 cells. Cell Biology International, 2018, 42, 313-323.	3.0	14
21	Pyroptosis and Its Regulation in Diabetic Cardiomyopathy. Frontiers in Physiology, 2021, 12, 791848.	2.8	14
22	Melatonin inhibits vascular endothelial cell pyroptosis by improving mitochondrial function via up-regulation and demethylation of UQCRC1. Biochemistry and Cell Biology, 2021, 99, 339-347.	2.0	13
23	EndMT: Potential Target of H2S against Atherosclerosis. Current Medicinal Chemistry, 2021, 28, 3666-3680.	2.4	9
24	LDL Decreases the Membrane Compliance and Cell Adhesion of Endothelial Cells Under Fluid Shear Stress. Annals of Biomedical Engineering, 2013, 41, 611-618.	2.5	7
25	High glucose condition inhibits trophoblast proliferation, migration and invasion by downregulating placental growth factor expression. Journal of Obstetrics and Gynaecology Research, 2020, 46, 1690-1701.	1.3	7
26	TRIMs: Generalists Regulating the NLRP3 Inflammasome Signaling Pathway. DNA and Cell Biology, 2022, 41, 262-275.	1.9	3
27	Factors Affecting the Re-Endothelialization of Endothelial Progenitor Cell. DNA and Cell Biology, 2021, 40, 1009-1025.	1.9	2
28	Dendritic Cells Genetically Engineered to Express Fas Ligand Regulate T Lymphocyte Proliferation and Apoptosis*. Transplantation, 2012, 94, 454.	1.0	0