Ye Tian

List of Publications by Year in Descending Order

72 papers	1,480 citations	24 h-index	33 g-index
76 ext. papers	1,789 ext. citations	5.4 avg, IF	4.17 L-index

#	Paper	IF	Citations
72	Sonodynamic Therapy Promotes Efferocytosis via CD47 Down-Regulation in Advanced Atherosclerotic Plaque.. *International Heart Journal*, **2022**, 63,	1.8	1
71	Large-scale sensitivity adjustment for Gd-HMME room temperature phosphorescence oxygen sensing. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 267, 120490	4.4	2
70	Rapid reduction in plaque inflammation by sonodynamic therapy inpatients with symptomatic femoropopliteal peripheral artery disease:A randomized controlled trial. *International Journal of Cardiology*, **2021**, 325, 132-139	3.2	6
69	Sonodynamic therapy reduces iron retention of hemorrhagic plaque. *Bioengineering and Translational Medicine*, **2021**, 6, e10193	14.8	1
68	Ferrite-encapsulated nanoparticles with stable photothermal performance for multimodal imaging-guided atherosclerotic plaque neovascularization therapy. *Biomaterials Science*, **2021**, 9, 5652-5664	7.4	1
67	An effective oxygen content detection in phosphorescence of PtOEP-C6/Poly (St-co-TFEMA). *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 257, 119786	4.4	
66	ALKBH5-mediated mA mRNA methylation governs human embryonic stem cell cardiac commitment. *Molecular Therapy - Nucleic Acids*, **2021**, 26, 22-33	10.7	4
65	Non-lethal sonodynamic therapy facilitates the M1-to-M2 transition in advanced atherosclerotic plaques via activating the ROS-AMPK-mTORC1-autophagy pathway. *Redox Biology*, **2020**, 32, 101501	11.3	12
64	Targeting LncDACH1 promotes cardiac repair and regeneration after myocardium infarction. *Cell Death and Differentiation*, **2020**, 27, 2158-2175	12.7	21
63	Sonodynamic Therapy Suppresses Neovascularization in Atherosclerotic Plaques via Macrophage Apoptosis-Induced Endothelial Cell Apoptosis. *JACC Basic To Translational Science*, **2020**, 5, 53-65	8.7	11
62	PKM2-dependent glycolysis promotes the proliferation and migration of vascular smooth muscle cells during atherosclerosis. *Acta Biochimica Et Biophysica Sinica*, **2020**, 52, 9-17	2.8	10
61	Early modulation of macrophage ROS-PPARNF-B signalling by sonodynamic therapy attenuates neointimal hyperplasia in rabbits. *Scientific Reports*, **2020**, 10, 11638	4.9	2
60	Oxygen-sensing properties of a highly sensitive and anti-photo-bleaching fluoropolymer film. *Materials Letters*, **2019**, 251, 165-168	3.3	2
59	Membrane-permeabilized sonodynamic therapy enhances drug delivery into macrophages. *PLoS ONE*, **2019**, 14, e0217511	3.7	4
58	Increased hepcidin in hemorrhagic plaques correlates with iron-stimulated IL-6/STAT3 pathway activation in macrophages. *Biochemical and Biophysical Research Communications*, **2019**, 515, 394-400	3.4	5
57	Sonodynamic therapy inhibits palmitate-induced beta cell dysfunction via PINK1/Parkin-dependent mitophagy. *Cell Death and Disease*, **2019**, 10, 457	9.8	19
56	Relationship between major depressive disorder, generalized anxiety disorder and coronary artery disease in the US general population. *Journal of Psychosomatic Research*, **2019**, 119, 8-13	4.1	10

55	Rapid inhibition of atherosclerotic plaque progression by sonodynamic therapy. *Cardiovascular Research*, **2019**, 115, 190-203	9.9	25
54	Phosphatidylserine-exposing blood and endothelial cells contribute to the hypercoagulable state in essential thrombocythemia patients. *Annals of Hematology*, **2018**, 97, 605-616	3	11
53	Phosphatidylserine-exposing blood cells and microparticles induce procoagulant activity in non-valvular atrial fibrillation. *International Journal of Cardiology*, **2018**, 258, 138-143	3.2	21
52	ROS Generated by Upconversion Nanoparticle-Mediated Photodynamic Therapy Induces Autophagy Via PI3K/AKT/ mTOR Signaling Pathway in M1 Peritoneal Macrophage. *Cellular Physiology and Biochemistry*, **2018**, 48, 1616-1627	3.9	14
51	Potential involvement of the 18 kDa translocator protein and reactive oxygen species in apoptosis of THP-1 macrophages induced by sonodynamic therapy. *PLoS ONE*, **2018**, 13, e0196541	3.7	5
50	Sinoporphyrin Sodium-Mediated Sonodynamic Therapy Inhibits RIP3 Expression and Induces Apoptosis in the H446 Small Cell Lung Cancer Cell Line. *Cellular Physiology and Biochemistry*, **2018**, 51, 2938-2954	3.9	15
49	Sonodynamic therapy-induced foam cells apoptosis activates the phagocytic PPARLXRABCA1/ABCG1 pathway and promotes cholesterol efflux in advanced plaque. *Theranostics*, **2018**, 8, 4969-4984	12.1	41
48	5-Aminolevulinic Acid-Mediated Sonodynamic Therapy Alleviates Atherosclerosis via Enhancing Efferocytosis and Facilitating a Shift in the Th1/Th2 Balance Toward Th2 Polarization. *Cellular Physiology and Biochemistry*, **2018**, 47, 83-96	3.9	10
47	Fibroblast growth factor 19 protects the heart from oxidative stress-induced diabetic cardiomyopathy via activation of AMPK/Nrf2/HO-1 pathway. *Biochemical and Biophysical Research Communications*, **2018**, 502, 62-68	3.4	27
46	The Long Noncoding RNA CAREL Controls Cardiac Regeneration. *Journal of the American College of Cardiology*, **2018**, 72, 534-550	15.1	77
45	Non-Lethal Sonodynamic Therapy Inhibits Atherosclerotic Plaque Progression in ApoE-/- Mice and Attenuates ox-LDL-mediated Macrophage Impairment by Inducing Heme Oxygenase-1. *Cellular Physiology and Biochemistry*, **2017**, 41, 2432-2446	3.9	21
44	Calcium sensing receptor protects high glucose-induced energy metabolism disorder via blocking gp78-ubiquitin proteasome pathway. *Cell Death and Disease*, **2017**, 8, e2799	9.8	20
43	Clinical application of intra-aortic balloon pump in patients with cardiogenic shock during the perioperative period of cardiac surgery. *Experimental and Therapeutic Medicine*, **2017**, 13, 1741-1748	2.1	2
42	Upconversion nanoparticle-mediated photodynamic therapy induces autophagy and cholesterol efflux of macrophage-derived foam cells via ROS generation. *Cell Death and Disease*, **2017**, 8, e2864	9.8	46
41	Circulating long non-coding RNAs NRON and MHRT as novel predictive biomarkers of heart failure. *Journal of Cellular and Molecular Medicine*, **2017**, 21, 1803-1814	5.6	65
40	Spermine and spermidine reversed age-related cardiac deterioration in rats. *Oncotarget*, **2017**, 8, 64793-64808	5.3	16
39	Berberine-sonodynamic therapy induces autophagy and lipid unloading in macrophage. *Cell Death and Disease*, **2017**, 8, e2558	9.8	43
38	Interankle Systolic Blood Pressure Difference Is a Marker of Prevalent Stroke in Chinese Adults: A Cross-Sectional Study. *Journal of Clinical Hypertension*, **2017**, 19, 58-66	2.3	4

37	Enhanced Procoagulant Activity on Blood Cells after Acute Ischemic Stroke. *Translational Stroke Research*, **2017**, 8, 83-91	7.8	17
36	ROS-Dependent Activation of Autophagy through the PI3K/Akt/mTOR Pathway Is Induced by Hydroxysafflor Yellow A-Sonodynamic Therapy in THP-1 Macrophages. *Oxidative Medicine and Cellular Longevity*, **2017**, 2017, 8519169	6.7	48
35	Microparticles and blood cells induce procoagulant activity via phosphatidylserine exposure in NSTEMI patients following stent implantation. *International Journal of Cardiology*, **2016**, 223, 121-128	3.2	15
34	Comparison study on the influence of the central metal ions in palladium(II)- and gadolinium(III)-porphyrins for phosphorescence-based oxygen sensing. *Journal of Materials Chemistry C*, **2016**, 4, 9581-9587	7.1	17
33	Combination of Hydroxyl Acetylated Curcumin and Ultrasound Induces Macrophage Autophagy with Anti-Apoptotic and Anti-Lipid Aggregation Effects. *Cellular Physiology and Biochemistry*, **2016**, 39, 1746-1760	3.9	24
32	5-Aminolevulinic Acid-Mediated Sonodynamic Therapy Inhibits RIPK1/RIPK3-Dependent Necroptosis in THP-1-Derived Foam Cells. *Scientific Reports*, **2016**, 6, 21992	4.9	33
31	Suppression of calcium-sensing receptor ameliorates cardiac hypertrophy through inhibition of autophagy. *Molecular Medicine Reports*, **2016**, 14, 111-20	2.9	20
30	Phosphatidylserine on blood cells and endothelial cells contributes to the hypercoagulable state in cirrhosis. *Liver International*, **2016**, 36, 1800-1810	7.9	13
29	Apoptosis of THP-1 Macrophages Induced by Pseudohypericin-Mediated Sonodynamic Therapy Through the Mitochondria-Caspase Pathway. *Cellular Physiology and Biochemistry*, **2016**, 38, 545-57	3.9	16
28	Hypericin-mediated sonodynamic therapy induces autophagy and decreases lipids in THP-1 macrophage by promoting ROS-dependent nuclear translocation of TFEB. *Cell Death and Disease*, **2016**, 7, e2527	9.8	36
27	Reciprocal Changes of Circulating Long Non-Coding RNAs ZFAS1 and CDR1AS Predict Acute Myocardial Infarction. *Scientific Reports*, **2016**, 6, 22384	4.9	85
26	The decomposition of protoporphyrin IX by ultrasound is dependent on the generation of hydroxyl radicals. *Ultrasonics Sonochemistry*, **2015**, 27, 623-630	8.9	11
25	The efficacy and mechanism of apoptosis induction by hypericin-mediated sonodynamic therapy in THP-1 macrophages. *International Journal of Nanomedicine*, **2015**, 10, 821-38	7.3	20
24	5-Aminolevulinic Acid-Mediated Sonodynamic Therapy Promotes Phenotypic Switching from Dedifferentiated to Differentiated Phenotype via Reactive Oxygen Species and p38 Mitogen-Activated Protein Kinase in Vascular Smooth Muscle Cells. *Ultrasound in Medicine and*	3.5	9
23	Real-time detection of intracellular reactive oxygen species and mitochondrial membrane potential in THP-1 macrophages during ultrasonic irradiation for optimal sonodynamic therapy. *Ultrasonics Sonochemistry*, **2015**, 22, 7-14	8.9	33
22	Upconversion nanoparticle-mediated photodynamic therapy induces THP-1 macrophage apoptosis via ROS bursts and activation of the mitochondrial caspase pathway. *International Journal of Nanomedicine*, **2015**, 10, 3719-36	7.3	27
21	The Association of Four-Limb Blood Pressure with History of Stroke in Chinese Adults: A Cross-Sectional Study. *PLoS ONE*, **2015**, 10, e0139925	3.7	12
20	Rapid stabilisation of atherosclerotic plaque with 5-aminolevulinic acid-mediated sonodynamic therapy. *Thrombosis and Haemostasis*, **2015**, 114, 793-803	7	29

19	An Anticancer Role of Hydrogen Sulfide in Human Gastric Cancer Cells. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 636410	6.7	16
18	Mediation of dopamine D2 receptors activation in post-conditioning-attenuated cardiomyocyte apoptosis. *Experimental Cell Research*, **2014**, 323, 118-130	4.2	20
17	Inhibition of VDAC1 prevents Ca□+-mediated oxidative stress and apoptosis induced by 5-aminolevulinic acid mediated sonodynamic therapy in THP-1 macrophages. *Apoptosis: an International Journal on Programmed Cell Death*, **2014**, 19, 1712-26	5.4	43
16	Sonodynamically induced anti-tumor effect of 5-aminolevulinic acid on pancreatic cancer cells. *Ultrasound in Medicine and Biology*, **2014**, 40, 2671-9	3.5	18
15	stimulation of calcium overload and apoptosis by sonodynamic therapy combined with hematoporphyrin monomethyl ether in C6 glioma cells. *Oncology Letters*, **2014**, 8, 1675-1681	2.6	19
14	The predominant pathway of apoptosis in THP-1 macrophage-derived foam cells induced by 5-aminolevulinic acid-mediated sonodynamic therapy is the mitochondria-caspase pathway despite the participation of endoplasmic reticulum stress. *Cellular Physiology and Biochemistry*, **2014**, 33, 1789-801	3.9	46
13	Apoptosis of THP-1 derived macrophages induced by sonodynamic therapy using a new sonosensitizer hydroxyl acetylated curcumin. *PLoS ONE*, **2014**, 9, e93133	3.7	28
12	Androgen receptor may be responsible for gender disparity in gastric cancer. *Medical Hypotheses*, **2013**, 80, 672-4	3.8	23
11	An animal model of atherosclerotic plaque disruption and thrombosis in rabbit using pharmacological triggering to plaques induced by perivascular collar placement. *Cardiovascular Pathology*, **2013**, 22, 264-9	3.8	5
10	Anticancer effects of Ligusticum chuanxiong Hort alcohol extracts on HS766T cell. *Tropical Journal of Obstetrics and Gynaecology*, **2013**, 10, 542-546	0.3	10
9	Effects of 5-aminolevulinic acid-mediated sonodynamic therapy on macrophages. *International Journal of Nanomedicine*, **2013**, 8, 669-76	7.3	24
8	Apoptosis of THP-1 macrophages induced by protoporphyrin IX-mediated sonodynamic therapy. *International Journal of Nanomedicine*, **2013**, 8, 2239-46	7.3	35
7	Cell cycle-related kinase in carcinogenesis. *Oncology Letters*, **2012**, 4, 601-606	2.6	24
6	Sonodynamic effect of an anti-inflammatory agent--emodin on macrophages. *Ultrasound in Medicine and Biology*, **2011**, 37, 1478-85	3.5	30
5	Down-regulated energy metabolism genes associated with mitochondria oxidative phosphorylation and fatty acid metabolism in viral cardiomyopathy mouse heart. *Molecular Biology Reports*, **2011**, 38, 4007-13	2.8	14
4	Andrographolide inhibits intimal hyperplasia in a rat model of autogenous vein grafts. *Cell Biochemistry and Biophysics*, **2011**, 60, 231-9	3.2	3
3	Detection and photodynamic therapy of inflamed atherosclerotic plaques in the carotid artery of rabbits. *Journal of Photochemistry and Photobiology B: Biology*, **2011**, 102, 26-31	6.7	48
2	Agrobacteriumtumefaciens-mediated transformation of SOD gene to Trichoderma harzianum. *World Journal of Microbiology and Biotechnology*, **2010**, 26, 353-358	4.4	6

1	Hematoporphyrin monomethyl ether-mediated photodynamic effects on THP-1 cell-derived macrophages. *Journal of Photochemistry and Photobiology B: Biology*, **2010**, 101, 9-15	6.7	27