

Jing-Song Ou

List of Publications by Year in descending order

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55
papers

1,621
citations

236925

25
h-index

315739

38
g-index

55
all docs

55
docs citations

55
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	L-4F, an Apolipoprotein A-1 Mimetic, Dramatically Improves Vasodilation in Hypercholesterolemia and Sick Cell Disease. <i>Circulation</i> , 2003, 107, 2337-2341.	1.6	143
2	Effects of D-4F on Vasodilation and Vessel Wall Thickness in Hypercholesterolemic LDL Receptor ^{-/-} Null and LDL Receptor/Apolipoprotein A-I Double-Knockout Mice on Western Diet. <i>Circulation Research</i> , 2005, 97, 1190-1197.	4.5	120
3	L-4F, an Apolipoprotein A-1 Mimetic, Restores Nitric Oxide and Superoxide Anion Balance in Low-Density Lipoprotein-Treated Endothelial Cells. <i>Circulation</i> , 2003, 107, 1520-1524.	1.6	92
4	MicroRNA-181a-5p and microRNA-181a-3p cooperatively restrict vascular inflammation and atherosclerosis. <i>Cell Death and Disease</i> , 2019, 10, 365.	6.3	91
5	C-reactive protein can upregulate VEGF expression to promote ADSC-induced angiogenesis by activating HIF-1 α via CD64/PI3k/Akt and MAPK/ERK signaling pathways. <i>Stem Cell Research and Therapy</i> , 2016, 7, 114.	5.5	76
6	TLR4/NF- κ B/Ceramide signaling contributes to Ox-LDL-induced calcification of human vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 2017, 794, 45-51.	3.5	73
7	Retinol-Binding Protein-Dependent Cholesterol Uptake Regulates Macrophage Foam Cell Formation and Promotes Atherosclerosis. <i>Circulation</i> , 2017, 135, 1339-1354.	1.6	70
8	Inhibition of Orai1 Store ⁻ Operated Calcium Channel Prevents Foam Cell Formation and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 618-628.	2.4	63
9	Inhibition of heat shock protein 90 (hsp90) in proliferating endothelial cells uncouples endothelial nitric oxide synthase activity. <i>Free Radical Biology and Medicine</i> , 2003, 34, 269-276.	2.9	56
10	Macrophage NFATc3 prevents foam cell formation and atherosclerosis: evidence and mechanisms. <i>European Heart Journal</i> , 2021, 42, 4847-4861.	2.2	48
11	Heat shock protein 90 and tyrosine kinase regulate eNOS NO \cdot generation but not NO \cdot bioactivity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H561-H569.	3.2	47
12	Microparticles (Exosomes) and Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2020, 22, 23.	4.8	40
13	MiR-142-3p Attenuates the Migration of CD4 ⁺ T Cells through Regulating Actin Cytoskeleton via RAC1 and ROCK2 in Arteriosclerosis Obliterans. <i>PLoS ONE</i> , 2014, 9, e95514.	2.5	37
14	25-Hydroxycholesterol impairs endothelial function and vasodilation by uncoupling and inhibiting endothelial nitric oxide synthase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E781-E790.	3.5	36
15	Endothelial microparticles are increased in congenital heart diseases and contribute to endothelial dysfunction. <i>Journal of Translational Medicine</i> , 2017, 15, 4.	4.4	35
16	The oxidized phospholipid POVPC impairs endothelial function and vasodilation via uncoupling endothelial nitric oxide synthase. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 40-48.	1.9	34
17	Spermidine inhibits vascular calcification in chronic kidney disease through modulation of SIRT1 signaling pathway. <i>Aging Cell</i> , 2021, 20, e13377.	6.7	34
18	Genetic landscape and autoimmunity of monocytes in developing Vogt ⁻ Koyanagi ⁻ Harada disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25712-25721.	7.1	33

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19	High-density lipoprotein cholesterol as a predictor of poor survival in patients with nasopharyngeal carcinoma. <i>Oncotarget</i> , 2016, 7, 42978-42987.	1.8	32
20	Application of targeted therapy strategies with nanomedicine delivery for atherosclerosis. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 10-17.	6.1	31
21	Circulating microparticles from patients with valvular heart disease and cardiac surgery inhibit endothelium-dependent vasodilation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 666-672.	0.8	30
22	dl-3n-Butylphthalide Promotes Angiogenesis Via the Extracellular Signal-regulated Kinase 1/2 and Phosphatidylinositol 3-Kinase/Akt-endothelial Nitric Oxide Synthase Signaling Pathways. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 352-362.	1.9	29
23	Curcumin attenuates osteogenic differentiation and calcification of rat vascular smooth muscle cells. <i>Molecular and Cellular Biochemistry</i> , 2016, 420, 151-160.	3.1	29
24	Hyaluronan negatively regulates vascular calcification involving BMP2 signaling. <i>Laboratory Investigation</i> , 2018, 98, 1320-1332.	3.7	27
25	Role of (pro)renin receptor in albumin overload-induced nephropathy in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1759-F1768.	2.7	27
26	Endothelial nitric oxide synthase enhancer for protection of endothelial function from asymmetric dimethylarginine-induced injury in human internal thoracic artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 697-703.	0.8	25
27	High density lipoprotein from patients with valvular heart disease uncouples endothelial nitric oxide synthase. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 209-219.	1.9	25
28	Angiogenic and Antiangiogenic mechanisms of high density lipoprotein from healthy subjects and coronary artery diseases patients. <i>Redox Biology</i> , 2020, 36, 101642.	9.0	21
29	Up-regulation of heme oxygenase-1 by celastrol alleviates oxidative stress and vascular calcification in chronic kidney disease. <i>Free Radical Biology and Medicine</i> , 2021, 172, 530-540.	2.9	20
30	25-Hydroxycholesterol promotes vascular calcification via activation of endoplasmic reticulum stress. <i>European Journal of Pharmacology</i> , 2020, 880, 173165.	3.5	18
31	Genotype-Guided Warfarin Dosing in Patients With Mechanical Valves: A Randomized Controlled Trial. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1774-1781.	1.3	17
32	Disruption of calcium homeostasis by cardiac-specific over-expression of PPAR-Î³ in mice: A role in ventricular arrhythmia. <i>Life Sciences</i> , 2016, 167, 12-21.	4.3	16
33	AP-4F, antennapedia peptide linked to an amphipathic Î± helical peptide, increases the efficiency of Lipofectamine-mediated gene transfection in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 605-610.	2.1	14
34	Simvastatin Treatment Protects Myocardium in Noncoronary Artery Cardiac Surgery by Inhibiting Apoptosis Through miR-15a-5p Targeting. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 176-185.	1.9	14
35	Protein Compositions Changes of Circulating Microparticles in Patients With Valvular Heart Disease Subjected to Cardiac Surgery Contribute to Systemic Inflammatory Response and Disorder of Coagulation. <i>Shock</i> , 2019, 52, 487-496.	2.1	14
36	The Cardioprotective Effect of Vitamin E (Alpha-Tocopherol) Is Strongly Related to Age and Gender in Mice. <i>PLoS ONE</i> , 2015, 10, e0137405.	2.5	14

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37	High density lipoprotein from coronary artery disease patients caused abnormal expression of long non-coding RNAs in vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 552-559.	2.1	13
38	Overexpression of inducible nitric oxide synthase in the diabetic heart compromises ischemic postconditioning. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 144-153.	1.9	13
39	Circulating extracellular vesicles from patients with valvular heart disease induce neutrophil chemotaxis via FOXO3a and the inhibiting role of dexmedetomidine. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E217-E231.	3.5	12
40	Concentration of circulating microparticles: a new biomarker of acute heart failure after cardiac surgery with cardiopulmonary bypass. <i>Science China Life Sciences</i> , 2021, 64, 107-116.	4.9	10
41	Circulating endothelial microparticles: a promising biomarker of acute kidney injury after cardiac surgery with cardiopulmonary bypass. <i>Annals of Translational Medicine</i> , 2021, 9, 786-786.	1.7	10
42	Simvastatin inhibits POVPC-mediated induction of endothelial-to-mesenchymal cell transition. <i>Journal of Lipid Research</i> , 2021, 62, 100066.	4.2	9
43	Apolipoprotein A-I mimetic peptide inhibits atherosclerosis by increasing tetrahydrobiopterin via regulation of GTP-cyclohydrolase 1 and reducing uncoupled endothelial nitric oxide synthase activity. <i>Atherosclerosis</i> , 2021, 328, 83-91.	0.8	9
44	Evaluating the monogenic contribution and genotype-phenotype correlation in patients with isolated thoracic aortic aneurysm. <i>European Journal of Human Genetics</i> , 2021, 29, 1129-1138.	2.8	6
45	OPG/TRAIL ratio as a predictive biomarker of mortality in patients with type A acute aortic dissection. <i>Nature Communications</i> , 2021, 12, 3401.	12.8	5
46	N-Terminal Pro-B-Type Natriuretic Peptide in Tricuspid Valve Replacement. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 801-810.	0.6	2
47	Size Distribution of Microparticles: A New Parameter to Predict Acute Lung Injury After Cardiac Surgery With Cardiopulmonary Bypass. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 893609.	2.4	1
48	4F, an apolipoprotein A-I mimetic, inhibit endothelial-derived microparticles-induced endothelial nitric oxide synthase dysfunction. <i>FASEB Journal</i> , 2006, 20, A290.	0.5	0
49	20-hydroxyecosatetraenoic acid brings about endothelial dysfunction via eNOS uncoupling. <i>FASEB Journal</i> , 2007, 21, A862.	0.5	0
50	4F restores proinflammatory HDL profiles back to anti-inflammatory in hypercholesterolemic LDLr ^{-/-} mice. <i>FASEB Journal</i> , 2008, 22, .	0.5	0
51	Protein compositions changes of circulating microparticles in patients with valvular heart disease and cardiac surgery. <i>FASEB Journal</i> , 2018, 32, 705.6.	0.5	0
52	The oxidized phospholipid POVPC induces endothelial to mesenchymal transition. <i>FASEB Journal</i> , 2018, 32, 572.6.	0.5	0
53	Endothelial-derived microparticles activates TLR4/JAK3/STAT3 pathway to induce acute lung injury. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
54	Circulating microparticles induced neutrophils chemotaxis through FOXO3a and the inhibiting role of dexmedetomidine in cardiorenal syndromes. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0

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55	HDL and Surgery. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1377, 189-195.	1.6	0