

# Wen-Tao Sun

## List of Publications by Year in descending order

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17  
papers

339  
citations

1163117

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1125743

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17  
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docs citations

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times ranked

423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Inspired All-Aqueous Microfluidics: From Intracellular Liquid-Liquid Phase Separation toward Advanced Biomaterials. <i>Advanced Science</i> , 2020, 7, 1903359.	11.2	111
2	ER stress mediates homocysteine-induced endothelial dysfunction: Modulation of IKCa and SKCa channels. <i>Atherosclerosis</i> , 2015, 242, 191-198.	0.8	63
3	Microfluidics in cardiovascular disease research: state of the art and future outlook. <i>Microsystems and Nanoengineering</i> , 2021, 7, 19.	7.0	47
4	Self-Assembled chitosan/phospholipid nanoparticles: from fundamentals to preparation for advanced drug delivery. <i>Drug Delivery</i> , 2020, 27, 200-215.	5.7	34
5	Tetramethylpyrazine suppresses angiotensin II-induced soluble epoxide hydrolase expression in coronary endothelium via anti-ER stress mechanism. <i>Toxicology and Applied Pharmacology</i> , 2017, 336, 84-93.	2.8	22
6	Protection of dilator function of coronary arteries from homocysteine by tetramethylpyrazine: Role of ER stress in modulation of BKCa channels. <i>Vascular Pharmacology</i> , 2019, 113, 27-37.	2.1	17
7	Activation of PERK branch of ER stress mediates homocysteine-induced BKCa channel dysfunction in coronary artery via FoxO3a-dependent regulation of atrogin-1. <i>Oncotarget</i> , 2017, 8, 51462-51477.	1.8	12
8	Impairment of Coronary Endothelial Function by Hypoxia-Reoxygenation Involves TRPC3 Inhibition-mediated KCa Channel Dysfunction: Implication in Ischemia-Reperfusion Injury. <i>Scientific Reports</i> , 2017, 7, 5895.	3.3	9
9	Calcium-activated potassium channel family in coronary artery bypass grafts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e399-e409.	0.8	8
10	Clinical outcomes with large macular holes using the tiled transplantation internal limiting membrane pedicle flap technique. <i>International Journal of Ophthalmology</i> , 2019, 12, 246-251.	1.1	6
11	Evaluation of the Anastomosis Canal in Lateral Maxillary Sinus Wall With Cone Beam Computerized Tomography: A Clinical Study. <i>Journal of Oral Implantology</i> , 2018, 44, 5-13.	1.0	4
12	Homocysteine alters vasoreactivity of human internal mammary artery by affecting the KCa channel family. <i>Annals of Translational Medicine</i> , 2021, 9, 625-625.	1.7	3
13	del Nido cardioplegia better preserves cardiac diastolic function but histidine-tryptophan-ketoglutarate is better for endothelial function. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	1.4	2
14	Endoplasmic reticulum stress mediates homocysteine-induced hypertrophy of cardiac cells through activation of cyclic nucleotide phosphodiesterase 1C. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, 54, 388-399.	2.0	1
15	SIRT1-mediated Lysine Crotonylation is Involved in the Regulation of CaMKII Activity in Myocardium. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
16	Comparison of del Nido and Histidine-tryptophan-ketoglutarate cardioplegic solutions on cardiac and endothelial function. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
17	Soluble Epoxide Hydrolase Inhibitor Prevents Homocysteine-induced Cardiac Hypertrophy via Epoxyeicosatrienoic Acid-mediated Inhibition of TRPC3 Channels. <i>FASEB Journal</i> , 2022, 36, .	0.5	0