Suk Ying Tsang

List of Publications by Year
in descending order

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54 papers	1,714 citations	236612 25 h-index	288905 40 g-index
55 all docs	55 docs citations	55 times ranked	3059 citing authors

#	Article	IF	Citations
1	Remdesivir induces persistent mitochondrial and structural damage in human induced pluripotent stem cell-derived cardiomyocytes. Cardiovascular Research, 2022, 118, 2652-2664.	1.8	20
2	Contamination profiles and health impact of benzothiazole and its derivatives in PM2.5 in typical Chinese cities. Science of the Total Environment, 2021, 755, 142617.	3.9	19
3	TRPV1 channels regulate the automaticity of embryonic stem cellâ€derived cardiomyocytes through stimulating the Na⁺/Ca²⁺ exchanger current. Journal of Cellular Physiology, 2021, 236, 6806-6823.	2.0	7
4	TRPC7 regulates the electrophysiological functions of embryonic stem cell-derived cardiomyocytes. Stem Cell Research and Therapy, 2021, 12, 262.	2.4	9
5	Extracellular and Intracellular Angiotensin II Regulate the Automaticity of Developing Cardiomyocytes via Different Signaling Pathways. Frontiers in Molecular Biosciences, 2021, 8, 699827.	1.6	3
6	Cytosolic delivery of CDK4/6 inhibitor p16 protein using engineered protein crystals for cancer therapy. Acta Biomaterialia, 2021, 135, 582-592.	4.1	4
7	Post-Translational Modification and Natural Mutation of TRPC Channels. Cells, 2020, 9, 135.	1.8	15
8	Chemical identity and cardiovascular toxicity of hydrophobic organic components in PM2.5. Ecotoxicology and Environmental Safety, 2020, 201, 110827.	2.9	39
9	The cell surface marker CD36 selectively identifies matured, mitochondria-rich hPSC-cardiomyocytes. Cell Research, 2020, 30, 626-629.	5.7	36
10	PinX1t, a Novel PinX1 Transcript Variant, Positively Regulates Cardiogenesis of Embryonic Stem Cells. Journal of the American Heart Association, 2020, 9, e010240.	1.6	4
11	Adiposeâ€derived stem cells and cancer cells fuse to generate cancer stem cellâ€like cells with increased tumorigenicity. Journal of Cellular Physiology, 2020, 235, 6794-6807.	2.0	17
12	Stem/Progenitor Cells in Cardiopulmonary Health, Disease, and Treatment. Stem Cells International, 2019, 2019, 1-4.	1.2	2
13	Acute exposure to triphenyl phosphate inhibits the proliferation and cardiac differentiation of mouse embryonic stem cells and zebrafish embryos. Journal of Cellular Physiology, 2019, 234, 21235-21248.	2.0	32
14	Apoptosis Reversal Promotes Cancer Stem Cell-Like Cell Formation. Neoplasia, 2018, 20, 295-303.	2.3	37
15	Functional Characterization of MicroRNA-27a-3p Expression in Human Polycystic Ovary Syndrome. Endocrinology, 2018, 159, 297-309.	1.4	50
16	The Milk Thistle (Silybum marianum) Compound Silibinin Inhibits Cardiomyogenesis of Embryonic Stem Cells by Interfering with Angiotensin II Signaling. Stem Cells International, 2018, 2018, 1-10.	1.2	1
17	Role of inducible nitric oxide synthase in endotheliumâ€independent relaxation to raloxifene in rat aorta. British Journal of Pharmacology, 2017, 174, 718-733.	2.7	11
18	Versatile Roles of Intracellularly Located TRPV1 Channel. Journal of Cellular Physiology, 2017, 232, 1957-1965.	2.0	48

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19	MicroRNA-27a-3p affects estradiol and androgen imbalance by targeting Creb1 in the granulosa cells in mouse polycytic ovary syndrome model. Reproductive Biology, 2017, 17, 295-304.	0.9	49
20	Cyanidin-3-o-glucoside directly binds to ERÎ±36 and inhibits EGFR-positive triple-negative breast cancer. Oncotarget, 2016, 7, 68864-68882.	0.8	34
21	Cancer-Associated Fibroblasts Regulate Tumor-Initiating Cell Plasticity in Hepatocellular Carcinoma through c-Met/FRA1/HEY1 Signaling. Cell Reports, 2016, 15, 1175-1189.	2.9	253
22	TRPV3 Channel Negatively Regulates Cell Cycle Progression and Safeguards the Pluripotency of Embryonic Stem Cells. Journal of Cellular Physiology, 2016, 231, 403-413.	2.0	11
23	TRPC3 regulates the automaticity of embryonic stem cell-derived cardiomyocytes. International Journal of Cardiology, 2016, 203, 169-181.	0.8	22
24	Stimulation of cardiomyogenesis from mouse embryonic stem cells by nuclear translocation of cardiotrophin-1. International Journal of Cardiology, 2015, 193, 23-33.	0.8	10
25	A novel missense mutation inCCDC88Cactivates the JNK pathway and causes a dominant form of spinocerebellar ataxia. Journal of Medical Genetics, 2014, 51, 590-595.	1.5	64
26	Regulation of multiple transcription factors by reactive oxygen species and effects of pro-inflammatory cytokines released during myocardial infarction on cardiac differentiation of embryonic stem cells. International Journal of Cardiology, 2013, 168, 3458-3472.	0.8	15
27	Differential effects of estrogen/androgen on the prevention of nonalcoholic fatty liver disease in the male rat. Journal of Lipid Research, 2013, 54, 345-357.	2.0	118
28	Î²-Sitosterol oxidation products attenuate vasorelaxation by increasing reactive oxygen species and cyclooxygenase-2. Cardiovascular Research, 2013, 97, 520-532.	1.8	29
29	NaHS relaxes rat cerebral artery in vitro via inhibition of l-type voltage-sensitive Ca2+ channel. Pharmacological Research, 2012, 65, 239-246.	3.1	51
30	Prostacyclin receptor-dependent inhibition of human erythroleukemia cell differentiation is STAT3-dependent. Prostaglandins Leukotrienes and Essential Fatty Acids, 2012, 86, 119-126.	1.0	2
31	Estrogen Controls embryonic stem cell proliferation via storeâ€operated calcium entry and the nuclear factor of activated Tâ€cells (NFAT). Journal of Cellular Physiology, 2012, 227, 2519-2530.	2.0	36
32	Effects of hyperpolarization-activated cyclic nucleotide-gated (HCN) channel blockers on the proliferation and cell cycle progression of embryonic stem cells. Pflugers Archiv European Journal of Physiology, 2011, 461, 191-202.	1.3	27
33	The Ethanol Extract ofFructus trichosanthisPromotes Fetal Hemoglobin Production via p38 MAPK Activation and ERK Inactivation in K562 Cells. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	0.5	11
34	4-Aminopyridine-sensitive K+ channels contributes to NaHS-induced membrane hyperpolarization and relaxation in the rat coronary artery. Vascular Pharmacology, 2010, 53, 94-98.	1.0	77
35	Role of voltageâ€gated potassium channels in the fate determination of embryonic stem cells. Journal of Cellular Physiology, 2010, 224, 165-177.	2.0	37
36	Therapeutically Relevant Concentrations of Raloxifene Dilate Pressurized Rat Resistance Arteries via Calcium-Dependent Endothelial Nitric Oxide Synthase Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 992-999.	1.1	25

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37	Differential gene expressions in atrial and ventricular myocytes: insights into the road of applying embryonic stem cell-derived cardiomyocytes for future therapies. American Journal of Physiology - Cell Physiology, 2010, 299, C1234-C1249.	2.1	104
38	Ectopic expression of systemic RNA interference defective protein in embryonic stem cells. Biochemical and Biophysical Research Communications, 2007, 357, 480-486.	1.0	33
39	RALOXIFENE, TAMOXIFEN AND VASCULAR TONE. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 809-813.	0.9	24
40	Tamoxifen and estrogen attenuate enhanced vascular reactivity induced by estrogen deficiency in rat carotid arteries. Biochemical Pharmacology, 2007, 73, 1330-1339.	2.0	8
41	Raloxifene prevents endothelial dysfunction in aging ovariectomized female rats. Vascular Pharmacology, 2006, 44, 290-298.	1.0	31
42	Dissecting the Structural and Functional Roles of the S3-S4 Linker of Pacemaker (Hyperpolarization-activated Cyclic Nucleotide-modulated) Channels by Systematic Length Alterations. Journal of Biological Chemistry, 2004, 279, 43752-43759.	1.6	26
43	Differential regulation of K+ and Ca2+ channel gene expression by chronic treatment with estrogen and tamoxifen in rat aorta. European Journal of Pharmacology, 2004, 483, 155-162.	1.7	23
44	Inhibition of nitric oxide/cyclic GMP-mediated relaxation by purified flavonoids, baicalin and baicalein, in rat aortic rings. Biochemical Pharmacology, 2004, 67, 787-794.	2.0	30
45	Critical intra-linker interactions of HCN1-encoded pacemaker channels revealed by interchange of S3â€“S4 determinants. Biochemical and Biophysical Research Communications, 2004, 322, 652-658.	1.0	17
46	Contribution of Na+ -Ca2+ exchanger to pinacidil-induced relaxation in the rat mesenteric artery. British Journal of Pharmacology, 2003, 138, 453-460.	2.7	15
47	Inhibition of Tumor-Induced Angiogenesis and Matrix-Metalloproteinase Expression in Confrontation Cultures of Embryoid Bodies and Tumor Spheroids by Plant Ingredients Used in Traditional Chinese Medicine. Laboratory Investigation, 2003, 83, 87-98.	1.7	79
48	Differential regulation of K+ and Ca2+ channel gene expression by chronic treatment with estrogen and tamoxifen in rat aorta. European Journal of Pharmacology, 2003, 483, 155-155.	1.7	0
49	Contribution of K+ Channels to Relaxation Induced by 17Î²-Estradiol but Not by Progesterone in Isolated Rat Mesenteric Artery Rings. Journal of Cardiovascular Pharmacology, 2003, 41, 4-13.	0.8	27
50	Isoproterenol amplifies 17Î²-estradiol-mediated vasorelaxation: role of endothelium/nitric oxide and cyclic AMP. Cardiovascular Research, 2002, 53, 627-633.	1.8	7
51	Effect of 17Î²-Estradiol Exposure on Vasorelaxation Induced by K⁺ Channel Openers and Ca²⁺ Channel Blockers. Pharmacology, 2002, 65, 26-31.	0.9	7
52	Baicalin-Induced Vascular Response In Rat Mesenteric Artery: Role Of Endothelial Nitric Oxide. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 721-724.	0.9	14
53	Different role of endothelium/nitric oxide in 17Î²-estradiol- and progesterone-induced relaxation in rat arteries. Life Sciences, 2001, 69, 1609-1617.	2.0	21
54	Effect of baicalein and acetone extract ofScutellaria baicalensison canola oil oxidation. JAOCS, Journal of the American Oil Chemists' Society, 2000, 77, 73-78.	0.8	23