

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	Cancer-Associated Fibroblasts Regulate Tumor-Initiating Cell Plasticity in Hepatocellular Carcinoma through c-Met/FRA1/HEY1 Signaling. <i>Cell Reports</i> , 2016, 15, 1175-1189.	2.9	253
2	Differential effects of estrogen/androgen on the prevention of nonalcoholic fatty liver disease in the male rat. <i>Journal of Lipid Research</i> , 2013, 54, 345-357.	2.0	118
3	Differential gene expressions in atrial and ventricular myocytes: insights into the road of applying embryonic stem cell-derived cardiomyocytes for future therapies. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C1234-C1249.	2.1	104
4	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. <i>Laboratory Investigation</i> , 2003, 83, 87-98.	1.7	79
5	4-Aminopyridine-sensitive K ⁺ channels contributes to NaHS-induced membrane hyperpolarization and relaxation in the rat coronary artery. <i>Vascular Pharmacology</i> , 2010, 53, 94-98.	1.0	77
6	A novel missense mutation in <i>CCDC88C</i> activates the JNK pathway and causes a dominant form of spinocerebellar ataxia. <i>Journal of Medical Genetics</i> , 2014, 51, 590-595.	1.5	64
7	NaHS relaxes rat cerebral artery in vitro via inhibition of l-type voltage-sensitive Ca ²⁺ channel. <i>Pharmacological Research</i> , 2012, 65, 239-246.	3.1	51
8	Functional Characterization of MicroRNA-27a-3p Expression in Human Polycystic Ovary Syndrome. <i>Endocrinology</i> , 2018, 159, 297-309.	1.4	50
9	MicroRNA-27a-3p affects estradiol and androgen imbalance by targeting <i>Creb1</i> in the granulosa cells in mouse polycystic ovary syndrome model. <i>Reproductive Biology</i> , 2017, 17, 295-304.	0.9	49
10	Versatile Roles of Intracellularly Located TRPV1 Channel. <i>Journal of Cellular Physiology</i> , 2017, 232, 1957-1965.	2.0	48
11	Chemical identity and cardiovascular toxicity of hydrophobic organic components in PM2.5. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110827.	2.9	39
12	Role of voltage-gated potassium channels in the fate determination of embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2010, 224, 165-177.	2.0	37
13	Apoptosis Reversal Promotes Cancer Stem Cell-Like Cell Formation. <i>Neoplasia</i> , 2018, 20, 295-303.	2.3	37
14	Estrogen Controls embryonic stem cell proliferation via store-operated calcium entry and the nuclear factor of activated T-cells (NFAT). <i>Journal of Cellular Physiology</i> , 2012, 227, 2519-2530.	2.0	36
15	The cell surface marker CD36 selectively identifies matured, mitochondria-rich hPSC-cardiomyocytes. <i>Cell Research</i> , 2020, 30, 626-629.	5.7	36
16	Cyanidin-3-o-glucoside directly binds to ER α and inhibits EGFR-positive triple-negative breast cancer. <i>Oncotarget</i> , 2016, 7, 68864-68882.	0.8	34
17	Ectopic expression of systemic RNA interference defective protein in embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 480-486.	1.0	33
18	Acute exposure to triphenyl phosphate inhibits the proliferation and cardiac differentiation of mouse embryonic stem cells and zebrafish embryos. <i>Journal of Cellular Physiology</i> , 2019, 234, 21235-21248.	2.0	32

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19	Raloxifene prevents endothelial dysfunction in aging ovariectomized female rats. <i>Vascular Pharmacology</i> , 2006, 44, 290-298.	1.0	31
20	Inhibition of nitric oxide/cyclic GMP-mediated relaxation by purified flavonoids, baicalin and baicalein, in rat aortic rings. <i>Biochemical Pharmacology</i> , 2004, 67, 787-794.	2.0	30
21	β -Sitosterol oxidation products attenuate vasorelaxation by increasing reactive oxygen species and cyclooxygenase-2. <i>Cardiovascular Research</i> , 2013, 97, 520-532.	1.8	29
22	Contribution of K ⁺ Channels to Relaxation Induced by 17 β -Estradiol but Not by Progesterone in Isolated Rat Mesenteric Artery Rings. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 4-13.	0.8	27
23	Effects of hyperpolarization-activated cyclic nucleotide-gated (HCN) channel blockers on the proliferation and cell cycle progression of embryonic stem cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2011, 461, 191-202.	1.3	27
24	Dissecting the Structural and Functional Roles of the S3-S4 Linker of Pacemaker (Hyperpolarization-activated Cyclic Nucleotide-modulated) Channels by Systematic Length Alterations. <i>Journal of Biological Chemistry</i> , 2004, 279, 43752-43759.	1.6	26
25	Therapeutically Relevant Concentrations of Raloxifene Dilate Pressurized Rat Resistance Arteries via Calcium-Dependent Endothelial Nitric Oxide Synthase Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 992-999.	1.1	25
26	RALOXIFENE, TAMOXIFEN AND VASCULAR TONE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 809-813.	0.9	24
27	Effect of baicalein and acetone extract of <i>Scutellaria baicalensis</i> on canola oil oxidation. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2000, 77, 73-78.	0.8	23
28	Differential regulation of K ⁺ and Ca ²⁺ channel gene expression by chronic treatment with estrogen and tamoxifen in rat aorta. <i>European Journal of Pharmacology</i> , 2004, 483, 155-162.	1.7	23
29	TRPC3 regulates the automaticity of embryonic stem cell-derived cardiomyocytes. <i>International Journal of Cardiology</i> , 2016, 203, 169-181.	0.8	22
30	Different role of endothelium/nitric oxide in 17 β -estradiol- and progesterone-induced relaxation in rat arteries. <i>Life Sciences</i> , 2001, 69, 1609-1617.	2.0	21
31	Remdesivir induces persistent mitochondrial and structural damage in human induced pluripotent stem cell-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2022, 118, 2652-2664.	1.8	20
32	Contamination profiles and health impact of benzothiazole and its derivatives in PM2.5 in typical Chinese cities. <i>Science of the Total Environment</i> , 2021, 755, 142617.	3.9	19
33	Critical intra-linker interactions of HCN1-encoded pacemaker channels revealed by interchange of S3-S4 determinants. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 652-658.	1.0	17
34	Adipose-derived stem cells and cancer cells fuse to generate cancer stem cell-like cells with increased tumorigenicity. <i>Journal of Cellular Physiology</i> , 2020, 235, 6794-6807.	2.0	17
35	Contribution of Na ⁺ -Ca ²⁺ exchanger to pinacidil-induced relaxation in the rat mesenteric artery. <i>British Journal of Pharmacology</i> , 2003, 138, 453-460.	2.7	15
36	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. <i>International Journal of Cardiology</i> , 2013, 168, 3458-3472.	0.8	15

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37	Post-Translational Modification and Natural Mutation of TRPC Channels. <i>Cells</i> , 2020, 9, 135.	1.8	15
38	Baicalin-Induced Vascular Response In Rat Mesenteric Artery: Role Of Endothelial Nitric Oxide. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 721-724.	0.9	14
39	The Ethanol Extract of <i>Fructus trichosanthis</i> Promotes Fetal Hemoglobin Production via p38 MAPK Activation and ERK Inactivation in K562 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-8.	0.5	11
40	TRPV3 Channel Negatively Regulates Cell Cycle Progression and Safeguards the Pluripotency of Embryonic Stem Cells. <i>Journal of Cellular Physiology</i> , 2016, 231, 403-413.	2.0	11
41	Role of inducible nitric oxide synthase in endothelium-independent relaxation to raloxifene in rat aorta. <i>British Journal of Pharmacology</i> , 2017, 174, 718-733.	2.7	11
42	Stimulation of cardiomyogenesis from mouse embryonic stem cells by nuclear translocation of cardiotrophin-1. <i>International Journal of Cardiology</i> , 2015, 193, 23-33.	0.8	10
43	TRPC7 regulates the electrophysiological functions of embryonic stem cell-derived cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2021, 12, 262.	2.4	9
44	Tamoxifen and estrogen attenuate enhanced vascular reactivity induced by estrogen deficiency in rat carotid arteries. <i>Biochemical Pharmacology</i> , 2007, 73, 1330-1339.	2.0	8
45	Isoproterenol amplifies 17 β -estradiol-mediated vasorelaxation: role of endothelium/nitric oxide and cyclic AMP. <i>Cardiovascular Research</i> , 2002, 53, 627-633.	1.8	7
46	Effect of 17 β -Estradiol Exposure on Vasorelaxation Induced by K ⁺ Channel Openers and Ca ²⁺ Channel Blockers. <i>Pharmacology</i> , 2002, 65, 26-31.	0.9	7
47	TRPV1 channels regulate the automaticity of embryonic stem cell-derived cardiomyocytes through stimulating the Na ⁺ /Ca ²⁺ exchanger current. <i>Journal of Cellular Physiology</i> , 2021, 236, 6806-6823.	2.0	7
48	PinX1t, a Novel PinX1 Transcript Variant, Positively Regulates Cardiogenesis of Embryonic Stem Cells. <i>Journal of the American Heart Association</i> , 2020, 9, e010240.	1.6	4
49	Cytosolic delivery of CDK4/6 inhibitor p16 protein using engineered protein crystals for cancer therapy. <i>Acta Biomaterialia</i> , 2021, 135, 582-592.	4.1	4
50	Extracellular and Intracellular Angiotensin II Regulate the Automaticity of Developing Cardiomyocytes via Different Signaling Pathways. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 699827.	1.6	3
51	Prostacyclin receptor-dependent inhibition of human erythroleukemia cell differentiation is STAT3-dependent. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012, 86, 119-126.	1.0	2
52	Stem/Progenitor Cells in Cardiopulmonary Health, Disease, and Treatment. <i>Stem Cells International</i> , 2019, 2019, 1-4.	1.2	2
53	The Milk Thistle (<i>Silybum marianum</i>) Compound Silibinin Inhibits Cardiomyogenesis of Embryonic Stem Cells by Interfering with Angiotensin II Signaling. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	1
54	Differential regulation of K ⁺ and Ca ²⁺ channel gene expression by chronic treatment with estrogen and tamoxifen in rat aorta. <i>European Journal of Pharmacology</i> , 2003, 483, 155-155.	1.7	0