

Jun Jie Tan

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

603
citations

686830

13
h-index

642321

23
g-index

41
all docs

41
docs citations

41
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic adaptation to chronic hypoxia in cardiac mitochondria. <i>Basic Research in Cardiology</i> , 2012, 107, 268.	2.5	88
2	<i>Clinacanthus nutans</i> Extracts Are Antioxidant with Antiproliferative Effect on Cultured Human Cancer Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	83
3	Cardiosphere-Derived Cells Improve Function in the Infarcted Rat Heart for at Least 16 Weeks – an MRI Study. <i>PLoS ONE</i> , 2011, 6, e25669.	1.1	70
4	Cardiac Stem Cells for Myocardial Regeneration: They Are Not Alone. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 47.	1.1	54
5	Development and Differentiation of Midbrain Dopaminergic Neuron: From Bench to Bedside. <i>Cells</i> , 2020, 9, 1489.	1.8	30
6	Murine Cardiosphere-Derived Cells Are Impaired by Age but Not by Cardiac Dystrophic Dysfunction. <i>Stem Cells and Development</i> , 2014, 23, 1027-1036.	1.1	25
7	Extracellular matrix from decellularized mesenchymal stem cells improves cardiac gene expressions and oxidative resistance in cardiac C-kit cells. <i>Regenerative Therapy</i> , 2019, 11, 8-16.	1.4	22
8	Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells. <i>ELife</i> , 2022, 11, .	2.8	22
9	Human iPS-derived pre-epicardial cells direct cardiomyocyte aggregation expansion and organization in vitro. <i>Nature Communications</i> , 2021, 12, 4997.	5.8	21
10	Tualang Honey Improves Human Corneal Epithelial Progenitor Cell Migration and Cellular Resistance to Oxidative Stress In Vitro. <i>PLoS ONE</i> , 2014, 9, e96800.	1.1	19
11	Metabolic glycan labeling and chemoselective functionalization of native biomaterials. <i>Biomaterials</i> , 2018, 182, 127-134.	5.7	19
12	Human Cardiosphere-Derived Cells from Patients with Chronic Ischaemic Heart Disease Can Be Routinely Expanded from Atrial but Not Epicardial Ventricular Biopsies. <i>Journal of Cardiovascular Translational Research</i> , 2012, 5, 678-687.	1.1	18
13	A guide in lentiviral vector production for hard-to-transfect cells, using cardiac-derived c-kit expressing cells as a model system. <i>Scientific Reports</i> , 2021, 11, 19265.	1.6	15
14	Generation and characterization of human cardiac resident and non-resident mesenchymal stem cell. <i>Cytotechnology</i> , 2016, 68, 2061-2073.	0.7	14
15	Isolation and Expansion of Cardiosphere-Derived Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2011, 16, 2C.3.1.	3.0	12
16	Human mesenchymal stem cells promote CD34 ⁺ hematopoietic stem cell proliferation with preserved red blood cell differentiation capacity. <i>Cell Biology International</i> , 2017, 41, 697-704.	1.4	9
17	Water extract of <i>Clinacanthus nutans</i> leaves exhibits in vitro, ex vivo and in vivo anti-angiogenic activities in endothelial cell via suppression of cell proliferation. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 210.	3.7	9
18	Cytoprotective Role of Omentin Against Oxidative Stress-Induced Vascular Endothelial Cells Injury. <i>Molecules</i> , 2020, 25, 2534.	1.7	9

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19	Mesenchymal Stromal Cells-Derived Exosome and the Roles in the Treatment of Traumatic Brain Injury. Cellular and Molecular Neurobiology, 2023, 43, 469-489.	1.7	8
20	Selected Essential Oils as Repellents Against <i>Aedes Aegypti</i> : Validation of the Bioconstituents Using Gas Chromatography. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 1058-1073.	0.7	7
21	Human umbilical cord-mesenchymal stem cells: a promising strategy for corneal epithelial regeneration. Regenerative Medicine, 2020, 15, 1381-1397.	0.8	7
22	Shape memory poly (glycerol sebacate)-based electrospun fiber scaffolds for tissue engineering applications: A review. Journal of Applied Polymer Science, 2022, 139, .	1.3	7
23	Malaysian Tualang Honey Inhibits Hydrogen Peroxide-Induced Endothelial Hyperpermeability. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	1.9	6
24	Metabolic maturation of differentiating cardiosphere-derived cells. Stem Cell Research, 2021, 54, 102422.	0.3	5
25	Malaysian Tualang Honey and Its Potential Anti-Cancer Properties: A Review. Sains Malaysiana, 2018, 47, 2705-2711.	0.3	4
26	Vascular Protective Effect and Its Possible Mechanism of Action on Selected Active Phytochemicals: A Review. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-17.	0.5	4
27	Human Wharton's Jelly-Derived Mesenchymal Stem Cells Minimally Improve the Growth Kinetics and Cardiomyocyte Differentiation of Aged Murine Cardiac c-kit Cells in In Vitro without Rejuvenating Effect. International Journal of Molecular Sciences, 2019, 20, 5519.	1.8	3
28	Mesenchymal stem cells facilitate cardiac differentiation in Sox2-expressing cardiac c-kit cells in coculture. Journal of Cellular Biochemistry, 2019, 120, 9104-9116.	1.2	3
29	Breast milk from healthy women has higher anti-Candida properties than women with vaginal infections during pregnancy. Food Science and Biotechnology, 0, , .	1.2	3
30	Guided evaluation and standardisation of mesenchymal stem cell culture conditions to generate conditioned medium favourable to cardiac c-kit cell growth. Cell and Tissue Research, 2019, 375, 383-396.	1.5	2
31	Modelling Atrial Arrhythmia In vitro Using Pluripotent Stem Cell-derived Atrial Cardiomyocytes in Three-dimensional Culture. BIO Integration, 2020, 1, .	0.9	2
32	Use of prolyl hydroxylase inhibitors to induce HIF-related metabolic changes and increase c-Kit expression in cardiosphere-derived cells. Heart, 2011, 97, e7-e7.	1.2	1
33	A retrospective review of cryoprecipitate transfusion practice in Kuala Lumpur Hospital. Asian Journal of Transfusion Science, 2016, 10, 145.	0.1	1
34	Hypoxic preconditioning of cardiosphere-derived cells to increase retention in the infarcted heart. Heart, 2010, 96, e7-e7.	1.2	0
35	PS 10-18 TUALANG HONEY INHIBIT OXIDATIVE STRESS-INDUCED HYPERTENSION-RELATED VASCULAR DYSFUNCTION VIA REGULATING β -CATENIN, ACTIN CYTOSKELETON INTERACTION AND CAVEOLIN-1. Journal of Hypertension, 2016, 34, e328-e329.	0.3	0
36	Metabolic Maturation of Differentiating Cardiosphere-Derived Cells. SSRN Electronic Journal, 0, , .	0.4	0

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37	Vibrational Spectroscopy-Based Chemometrics Analysis of Clinacanthus nutans Extracts after Postharvest Processing and Extract Effects on Cardiac C-Kit Cells. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11.	0.5	0
38	Malaysian Tualang Honey Suppresses the Angiogenic Events in Endothelial Cells Induced by Vascular Endothelial Growth Factor. Sains Malaysiana, 2022, 51, 815-822.	0.3	0