

# Jun Jie Tan

## List of Publications by Year in descending order

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38  
papers

603  
citations

687363

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642732

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41  
all docs

41  
docs citations

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times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic adaptation to chronic hypoxia in cardiac mitochondria. Basic Research in Cardiology, 2012, 107, 268.	5.9	88
2	Clinacanthus nutans Extracts Are Antioxidant with Antiproliferative Effect on Cultured Human Cancer Cell Lines. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	83
3	Cardiosphere-Derived Cells Improve Function in the Infarcted Rat Heart for at Least 16 Weeks – an MRI Study. PLoS ONE, 2011, 6, e25669.	2.5	70
4	Cardiac Stem Cells for Myocardial Regeneration: They Are Not Alone. Frontiers in Cardiovascular Medicine, 2017, 4, 47.	2.4	54
5	Development and Differentiation of Midbrain Dopaminergic Neuron: From Bench to Bedside. Cells, 2020, 9, 1489.	4.1	30
6	Murine Cardiosphere-Derived Cells Are Impaired by Age but Not by Cardiac Dystrophic Dysfunction. Stem Cells and Development, 2014, 23, 1027-1036.	2.1	25
7	Extracellular matrix from decellularized mesenchymal stem cells improves cardiac gene expressions and oxidative resistance in cardiac C-kit cells. Regenerative Therapy, 2019, 11, 8-16.	3.0	22
8	Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells. ELife, 2022, 11, .	6.0	22
9	Human iPS-derived pre-epicardial cells direct cardiomyocyte aggregation expansion and organization in vitro. Nature Communications, 2021, 12, 4997.	12.8	21
10	Tualang Honey Improves Human Corneal Epithelial Progenitor Cell Migration and Cellular Resistance to Oxidative Stress In Vitro. PLoS ONE, 2014, 9, e96800.	2.5	19
11	Metabolic glycan labeling and chemoselective functionalization of native biomaterials. Biomaterials, 2018, 182, 127-134.	11.4	19
12	Human Cardiosphere-Derived Cells from Patients with Chronic Ischaemic Heart Disease Can Be Routinely Expanded from Atrial but Not Epicardial Ventricular Biopsies. Journal of Cardiovascular Translational Research, 2012, 5, 678-687.	2.4	18
13	A guide in lentiviral vector production for hard-to-transfect cells, using cardiac-derived c-kit expressing cells as a model system. Scientific Reports, 2021, 11, 19265.	3.3	15
14	Generation and characterization of human cardiac resident and non-resident mesenchymal stem cell. Cytotechnology, 2016, 68, 2061-2073.	1.6	14
15	Isolation and Expansion of Cardiosphere-Derived Stem Cells. Current Protocols in Stem Cell Biology, 2011, 16, 2C.3.1.	3.0	12
16	Human mesenchymal stem cells promote CD34 <sup>+</sup> hematopoietic stem cell proliferation with preserved red blood cell differentiation capacity. Cell Biology International, 2017, 41, 697-704.	3.0	9
17	Water extract of Clinacanthus nutans leaves exhibits in vitro, ex vivo and in vivo anti-angiogenic activities in endothelial cell via suppression of cell proliferation. BMC Complementary and Alternative Medicine, 2018, 18, 210.	3.7	9
18	Cytoprotective Role of Omentin Against Oxidative Stress-Induced Vascular Endothelial Cells Injury. Molecules, 2020, 25, 2534.	3.8	9

#	ARTICLE	IF	CITATIONS
19	Mesenchymal Stromal Cells-Derived Exosome and the Roles in the Treatment of Traumatic Brain Injury. Cellular and Molecular Neurobiology, 2023, 43, 469-489.	3.3	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.	1.9	7
21	Human umbilical cord-mesenchymal stem cells: a promising strategy for corneal epithelial regeneration. Regenerative Medicine, 2020, 15, 1381-1397.	1.7	7
22	Shape memory poly (glycerol sebacate)-based electrospun fiber scaffolds for tissue engineering applications: A review. Journal of Applied Polymer Science, 2022, 139, .	2.6	7
23	Malaysian Tualang Honey Inhibits Hydrogen Peroxide-Induced Endothelial Hyperpermeability. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	4.0	6
24	Metabolic maturation of differentiating cardiosphere-derived cells. Stem Cell Research, 2021, 54, 102422.	0.7	5
25	Malaysian Tualang Honey and Its Potential Anti-Cancer Properties: A Review. Sains Malaysiana, 2018, 47, 2705-2711.	0.5	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.	1.2	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.	4.1	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.	2.6	3
29	Breast milk from healthy women has higher anti-Candida properties than women with vaginal infections during pregnancy. Food Science and Biotechnology, 0, .	2.6	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.	2.9	2
31	Modelling Atrial Arrhythmia In vitro Using Pluripotent Stem Cell-derived Atrial Cardiomyocytes in Three-dimensional Culture. BIO Integration, 2020, 1, .	1.3	2
32	37 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.	2.9	1
33	A retrospective review of cryoprecipitate transfusion practice in Kuala Lumpur Hospital. Asian Journal of Transfusion Science, 2016, 10, 145.	0.3	1
34	022 Hypoxic preconditioning of cardiosphere-derived cells to increase retention in the infarcted heart. Heart, 2010, 96, e7-e7.	2.9	0
35	PS 10-18 TUALANG HONEY INHIBIT OXIDATIVE STRESS-INDUCED HYPERTENSION-RELATED VASCULAR DYSFUNCTION VIA REGULATING $\beta$ -CATENIN, ACTIN CYTOSKELETON INTERACTION AND CAVEOLIN-1. Journal of Hypertension, 2016, 34, e328-e329.	0.5	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.	1.2	0
38	Malaysian Tualang Honey Suppresses the Angiogenic Events in Endothelial Cells Induced by Vascular Endothelial Growth Factor. Sains Malaysiana, 2022, 51, 815-822.	0.5	0