Hung-Fat Tse

List of Publications by Year
in descending order

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702 papers	33,503 citations	5268 83 h-index	7348 152 g-index
745 all docs	745 docs citations	745 times ranked	38415 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Mesenchymal stem cells and immunomodulation: current status and future prospects. Cell Death and Disease, 2016, 7, e2062-e2062.	6.3	862
3	Angiogenesis in ischaemic myocardium by intramyocardial autologous bone marrow mononuclear cell implantation. Lancet, The, 2003, 361, 47-49.	13.7	812
4	Paracrine Mechanisms of Mesenchymal Stem Cell-Based Therapy: Current Status and Perspectives. Cell Transplantation, 2014, 23, 1045-1059.	2.5	698
5	Impact of Coronavirus Disease 2019 (COVID-19) Outbreak on ST-Segmentâ€“Elevation Myocardial Infarction Care in Hong Kong, China. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006631.	2.2	597
6	Genomic instability in laminopathy-based premature aging. Nature Medicine, 2005, 11, 780-785.	30.7	579
7	Dronedarone in High-Risk Permanent Atrial Fibrillation. New England Journal of Medicine, 2011, 365, 2268-2276.	27.0	547
8	Endothelial Function in Obstructive Sleep Apnea and Response to Treatment. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 348-353.	5.6	539
9	Comparison of Outcomes Among Patients Randomized to Warfarin Therapy According to Anticoagulant Control. Archives of Internal Medicine, 2007, 167, 239.	3.8	527
10	Functional Mesenchymal Stem Cells Derived From Human Induced Pluripotent Stem Cells Attenuate Limb Ischemia in Mice. Circulation, 2010, 121, 1113-1123.	1.6	515
11	Generation of human induced pluripotent stem cells from urine samples. Nature Protocols, 2012, 7, 2080-2089.	12.0	498
12	Aspirin resistance is associated with a high incidence of myonecrosis after non-urgent percutaneous coronary intervention despite clopidogrel pretreatment. Journal of the American College of Cardiology, 2004, 43, 1122-1126.	2.8	467
13	Darapladib for Preventing Ischemic Events in Stable Coronary Heart Disease. New England Journal of Medicine, 2014, 370, 1702-1711.	27.0	467
14	A Human iPSC Model of Hutchinson Gilford Progeria Reveals Vascular Smooth Muscle and Mesenchymal Stem Cell Defects. Cell Stem Cell, 2011, 8, 31-45.	11.1	415
15	Long-Term Effect of Right Ventricular Pacing on Myocardial Perfusion and Function. Journal of the American College of Cardiology, 1997, 29, 744-749.	2.8	408
16	Generation of Induced Pluripotent Stem Cells from Urine. Journal of the American Society of Nephrology: JASN, 2011, 22, 1221-1228.	6.1	362
17	Functional abnormalities in patients with permanent right ventricular pacing. Journal of the American College of Cardiology, 2002, 40, 1451-1458.	2.8	337
18	Atrial fibrillation. Lancet, The, 2012, 379, 648-661.	13.7	337

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19	Atrioverter: An Implantable Device for the Treatment of Atrial Fibrillation. Circulation, 1998, 98, 1651-1656.	1.6	267
20	The Changing Landscape for StrokeÂPrevention in AF. Journal of the American College of Cardiology, 2017, 69, 777-785.	2.8	244
21	Mitochondrial Transfer of Induced Pluripotent Stem Cellâ€“Derived Mesenchymal Stem Cells to Airway Epithelial Cells Attenuates Cigarette Smokeâ€“Induced Damage. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 455-465.	2.9	241
22	Prevention of atrial fibrillation recurrence by statin therapy in patients with lone atrial fibrillation after successful cardioversion. American Journal of Cardiology, 2003, 92, 1343-1345.	1.6	235
23	Newâ€Onset Heart Failure After Permanent Right Ventricular Apical Pacing in Patients with Acquired Highâ€Grade Atrioventricular Block and Normal Left Ventricular Function. Journal of Cardiovascular Electrophysiology, 2008, 19, 136-141.	1.7	218
24	Effects of alirocumab on cardiovascular and metabolic outcomes after acute coronary syndrome in patients with or without diabetes: a prespecified analysis of the ODYSSEY OUTCOMES randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2019, 7, 618-628.	11.4	207
25	Management of atrial fibrillation. Lancet, The, 2007, 370, 604-618.	13.7	205
26	Pulmonary vein isolation using transvenous catheter cryoablation for treatment of atrial fibrillation without risk of pulmonary vein stenosis. Journal of the American College of Cardiology, 2003, 42, 752-758.	2.8	198
27	Device-detected subclinical atrial tachyarrhythmias: definition, implications and managementâ€”an European Heart Rhythm Association (EHRA) consensus document, endorsed by Heart Rhythm Society (HRS), Asia Pacific Heart Rhythm Society (APHRS) and Sociedad Latinoamericana de EstimulaciÃ³n CardÃaca y Electrofisiología (SOLEACE). Europace, 2017, 19, 1556-1578.	1.7	186
28	Atrial fibrillation. Nature Reviews Disease Primers, 2016, 2, 16016.	30.5	185
29	Mitochondrial transfer of mesenchymal stem cells effectively protects corneal epithelial cells from mitochondrial damage. Cell Death and Disease, 2016, 7, e2467-e2467.	6.3	179
30	iPSC-MSCs with High Intrinsic MIRO1 and Sensitivity to TNF-Î± Yield Efficacious Mitochondrial Transfer to Rescue Anthracycline-Induced Cardiomyopathy. Stem Cell Reports, 2016, 7, 749-763.	4.8	177
31	Prospective randomized trial of direct endomyocardial implantation of bone marrow cells for treatment of severe coronary artery diseases (PROTECT-CAD trial). European Heart Journal, 2007, 28, 2998-3005.	2.2	174
32	Incidence, clinical characteristics and outcome of congestive heart failure as the initial presentation in patients with primary hyperthyroidism. Heart, 2007, 93, 483-487.	2.9	172
33	Human Pluripotent Stem Cellâ€Derived Mesenchymal Stem Cells Prevent Allergic Airway Inflammation in Mice. Stem Cells, 2012, 30, 2692-2699.	3.2	170
34	Low-dose aspirin increases aspirin resistance in patients with coronary artery disease. American Journal of Medicine, 2005, 118, 723-727.	1.5	166
35	Aspirin Resistance and Adverse Clinical Events in Patients with Coronary Artery Disease. American Journal of Medicine, 2007, 120, 631-635.	1.5	165
36	The p53-induced lincRNA-p21 derails somatic cell reprogramming by sustaining H3K9me3 and CpG methylation at pluripotency gene promoters. Cell Research, 2015, 25, 80-92.	12.0	160

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37	Serum Fibroblast Growth Factor-21 Levels Are Associated With Carotid Atherosclerosis Independent of Established Cardiovascular Risk Factors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2454-2459.	2.4	159
38	Randomized controlled trial of vitamin D supplement on endothelial function in patients with type 2 diabetes. Atherosclerosis, 2013, 227, 140-146.	0.8	151
39	Bioartificial Sinus Node Constructed via In Vivo Gene Transfer of an Engineered Pacemaker HCN Channel Reduces the Dependence on Electronic Pacemaker in a Sick-Sinus Syndrome Model. Circulation, 2006, 114, 1000-1011.	1.6	150
40	Absence of Transverse Tubules Contributes to Non-Uniform Ca²⁺ Wavefronts in Mouse and Human Embryonic Stem Cellâ€"Derived Cardiomyocytes. Stem Cells and Development, 2009, 18, 1493-1500.	2.1	150
41	Electrical Stimulation Promotes Maturation of Cardiomyocytes Derived from Human Embryonic Stem Cells. Journal of Cardiovascular Translational Research, 2013, 6, 989-999.	2.4	150
42	Obstructive sleep apnea and the metabolic syndrome in community-based Chinese adults in Hong Kong. Respiratory Medicine, 2006, 100, 980-987.	2.9	140
43	Radiofrequency catheter ablation of inappropriate sinus tachycardia guided by activation mapping. Journal of the American College of Cardiology, 2000, 35, 451-457.	2.8	138
44	Conformal phased surfaces for wireless powering of bioelectronic microdevices. Nature Biomedical Engineering, 2017, 1, .	22.5	137
45	Stroke prevention in atrial fibrillationâ€"An Asian stroke perspective. Heart Rhythm, 2013, 10, 1082-1088.	0.7	136
46	Connexin 43-Mediated Mitochondrial Transfer of iPSC-MSCs Alleviates Asthma Inflammation. Stem Cell Reports, 2018, 11, 1120-1135.	4.8	136
47	Modeling of lamin A/C mutation premature cardiac aging using patient-specific induced pluripotent stem cells. Aging, 2012, 4, 803-822.	3.1	136
48	Calcium Homeostasis in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Stem Cell Reviews and Reports, 2011, 7, 976-986.	5.6	133
49	Smad3 Mediates Cardiac Inflammation and Fibrosis in Angiotensin IIâ€"Induced Hypertensive Cardiac Remodeling. Hypertension, 2010, 55, 1165-1171.	2.7	129
50	Exome chip meta-analysis identifies novel loci and East Asianâ€"specific coding variants that contribute to lipid levels and coronary artery disease. Nature Genetics, 2017, 49, 1722-1730.	21.4	129
51	Frequent premature atrial complexes predict new occurrence of atrial fibrillation and adverse cardiovascular events. Europace, 2012, 14, 942-947.	1.7	127
52	Cause of Death and Predictors of Allâ€Cause Mortality in Anticoagulated Patients With Nonvalvular Atrial Fibrillation: Data From ROCKET AF. Journal of the American Heart Association, 2016, 5, e002197.	3.7	127
53	A roadmap to improve the quality of atrial fibrillation management: proceedings from the fifth Atrial Fibrillation Network/European Heart Rhythm Association consensus conference. Europace, 2016, 18, 37-50.	1.7	121
54	Acute Results of Transvenous Cryoablation of Supraventricular Tachycardia (Atrial Fibrillation,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T Journal of Cardiovascular Electrophysiology, 2002, 13, 1082-1089.	1.7	120

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55	Antithrombotic therapy in patients treated with oral anticoagulation undergoing coronary artery stenting. An expert consensus document with focus on atrial fibrillation. Annals of Medicine, 2008, 40, 428-436.	3.8	120
56	MR diffusion tensor imaging study of postinfarct myocardium structural remodeling in a porcine model. Magnetic Resonance in Medicine, 2007, 58, 687-695.	3.0	119
57	Acacetin, a Natural Flavone, Selectively Inhibits Human Atrial Repolarization Potassium Currents and Prevents Atrial Fibrillation in Dogs. Circulation, 2008, 117, 2449-2457.	1.6	119
58	Defibrillation-guided radiofrequency ablation of atrial fibrillation secondary to an atrial focus. Journal of the American College of Cardiology, 1999, 33, 1217-1226.	2.8	118
59	Vitamin D Deficiency Is Associated with Depletion of Circulating Endothelial Progenitor Cells and Endothelial Dysfunction in Patients with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E830-E835.	3.6	117
60	Transient Atrial Fibrillation Complicating Acute Inferior Myocardial Infarction. Chest, 2007, 132, 44-49.	0.8	116
61	Mesenchymal stem cell-derived extracellular vesicles for immunomodulation and regeneration: a next generation therapeutic tool?. Cell Death and Disease, 2022, 13, .	6.3	114
62	Characterization of Multiple Ion Channels in Cultured Human Cardiac Fibroblasts. PLoS ONE, 2009, 4, e7307.	2.5	111
63	Facilitated maturation of Ca²⁺handling properties of human embryonic stem cell-derived cardiomyocytes by calsequestrin expression. American Journal of Physiology - Cell Physiology, 2009, 297, C152-C159.	4.6	105
64	Risk of stroke and intracranial hemorrhage in 9727 Chinese with atrial fibrillation in Hong Kong. Heart Rhythm, 2014, 11, 1401-1408.	0.7	105
65	Paracrine effects of direct intramyocardial implantation of bone marrow derived cells to enhance neovascularization in chronic ischaemic myocardium. European Journal of Heart Failure, 2007, 9, 747-753.	7.1	104
66	Safety of edoxaban, an oral factor Xa inhibitor, in Asian patients with non-valvular atrial fibrillation. Thrombosis and Haemostasis, 2011, 105, 535-545.	3.4	103
67	Health risk and significance of mercury in the environment. Environmental Science and Pollution Research, 2015, 22, 192-201.	5.3	103
68	Omega-3 polyunsaturated fatty acids inhibit transient outward and ultra-rapid delayed rectifier K+currents and Na+current in human atrial myocytes. Cardiovascular Research, 2009, 81, 286-293.	3.8	102
69	Role of Permanent Pacing to Prevent Atrial Fibrillation. Circulation, 2005, 111, 240-243.	1.6	100
70	Generation of induced pluripotent stem cell lines from 3 distinct laminopathies bearing heterogeneous mutations in lamin A/C. Aging, 2011, 3, 380-390.	3.1	98
71	Patient-specific induced-pluripotent stem cells-derived cardiomyocytes recapitulate the pathogenic phenotypes of dilated cardiomyopathy due to a novel DES mutation identified by whole exome sequencing. Human Molecular Genetics, 2013, 22, 1395-1403.	2.9	98
72	The Incremental Benefit of Rate-Adaptive Pacing on Exercise Performance During Cardiac Resynchronization Therapy. Journal of the American College of Cardiology, 2005, 46, 2292-2297.	2.8	97

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73	Thoracic Spinal Cord Stimulation for Heart Failure as a Restorative Treatment (SCS HEART study): First-in-man experience. Heart Rhythm, 2015, 12, 588-595.	0.7	97
74	Hemodynamic Changes in Hyperthyroidism-Related Pulmonary Hypertension: A Prospective Echocardiographic Study. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1736-1742.	3.6	93
75	Sodium-glucose cotransporter 2 inhibitors (SGLT2i) and cardiac arrhythmias: a systematic review and meta-analysis. Cardiovascular Diabetology, 2021, 20, 100.	6.8	92
76	Triiodothyronine Promotes Cardiac Differentiation and Maturation of Embryonic Stem Cells via the Classical Genomic Pathway. Molecular Endocrinology, 2010, 24, 1728-1736.	3.7	90
77	Ischemic Stroke and Intracranial Hemorrhage With Aspirin, Dabigatran, and Warfarin. Stroke, 2015, 46, 23-30.	2.0	90
78	Time Course of Esophageal Lesions After Catheter Ablation with Cryothermal and Radiofrequency Ablation: Implication for Atrio-Esophageal Fistula Formation After Catheter Ablation for Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2007, 18, 642-646.	1.7	87
79	Reversal of mitochondrial dysfunction by coenzyme Q10 supplement improves endothelial function in patients with ischaemic left ventricular systolic dysfunction: A randomized controlled trial. Atherosclerosis, 2011, 216, 395-401.	0.8	87
80	Effect of exercise training on vascular endothelial function in patients with stable coronary artery disease: a randomized controlled trial. European Journal of Preventive Cardiology, 2012, 19, 830-839.	1.8	87
81	Donation of mitochondria by iPSC-derived mesenchymal stem cells protects retinal ganglion cells against mitochondrial complex I defect-induced degeneration. Theranostics, 2019, 9, 2395-2410.	10.0	87
82	Exome-wide association analysis reveals novel coding sequence variants associated with lipid traits in Chinese. Nature Communications, 2015, 6, 10206.	12.8	86
83	Potent Paracrine Effects of human induced Pluripotent Stem Cell-derived Mesenchymal Stem Cells Attenuate Doxorubicin-induced Cardiomyopathy. Scientific Reports, 2015, 5, 11235.	3.3	86
84	Thiazolidinedione increases serum soluble receptor for advanced glycation end-products in type 2 diabetes. Diabetologia, 2007, 50, 1819-1825.	6.3	85
85	Incremental prognostic value of global longitudinal strain in patients with type 2 diabetes mellitus. Cardiovascular Diabetology, 2016, 15, 22.	6.8	85
86	Clinical Shock Tolerability and Effect of Different Right Atrial Electrode Locations on Efficacy of Low Energy Human Transvenous Atrial Defibrillation Using an Implantable Lead System. Journal of the American College of Cardiology, 1997, 30, 1324-1330.	2.8	84
87	Prospective randomized comparison between a fixed â€˜2C3Lâ€™ approach vs. stepwise approach for catheter ablation of persistent atrial fibrillation. Europace, 2015, 17, 1798-1806.	1.7	84
88	Effect of Alirocumab on Stroke in ODYSSEY OUTCOMES. Circulation, 2019, 140, 2054-2062.	1.6	83
89	CRISPR/Cas9 Genome-Editing System in Human Stem Cells: Current Status and Future Prospects. Molecular Therapy - Nucleic Acids, 2017, 9, 230-241.	5.1	82
90	Dual-site atrial pacing for atrial fibrillation in patients without bradycardia. American Journal of Cardiology, 2001, 88, 371-375.	1.6	81

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91	Electrophysiological Properties of Pluripotent Human and Mouse Embryonic Stem Cells. Stem Cells, 2005, 23, 1526-1534.	3.2	81
92	Amiodarone-Induced Thyrotoxicosis Is a Predictor of Adverse Cardiovascular Outcome. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 109-114.	3.6	81
93	Elevated Circulating Adipocyteâ€Fatty Acid Binding Protein Levels Predict Incident Cardiovascular Events in a Communityâ€Based Cohort: A 12â€Year Prospective Study. Journal of the American Heart Association, 2013, 2, e004176.	3.7	81
94	Autophagy and mTORC1 regulate the stochastic phase of somatic cell reprogramming. Nature Cell Biology, 2015, 17, 715-725.	10.3	81
95	Left ventricular dysfunction assessed by speckle-tracking strain analysis in patients with systemic sclerosis: Relationship to functional capacity and ventricular arrhythmias. Arthritis and Rheumatism, 2011, 63, 3969-3978.	6.7	80
96	Distinct cardiogenic preferences of two human embryonic stem cell (hESC) lines are imprinted in their proteomes in the pluripotent state. Biochemical and Biophysical Research Communications, 2008, 372, 553-558.	2.1	79
97	Regulation of cell proliferation by intermediate-conductance Ca²⁺-activated potassium and volume-sensitive chloride channels in mouse mesenchymal stem cells. American Journal of Physiology - Cell Physiology, 2008, 295, C1409-C1416.	4.6	79
98	Intravenous diltiazem is superior to intravenous amiodarone or digoxin for achieving ventricular rate control in patients with acute uncomplicated atrial fibrillation*. Critical Care Medicine, 2009, 37, 2174-2179.	0.9	79
99	Fishâ€oil supplement has neutral effects on vascular and metabolic function but improves renal function in patients with Type 2 diabetes mellitus. Diabetic Medicine, 2010, 27, 54-60.	2.3	78
100	Impact of glycemic control on circulating endothelial progenitor cells and arterial stiffness in patients with type 2 diabetes mellitus. Cardiovascular Diabetology, 2011, 10, 113.	6.8	78
101	First Human Demonstration of Cardiac Stimulation With Transcutaneous Ultrasound Energy Delivery. Journal of the American College of Cardiology, 2007, 50, 877-883.	2.8	77
102	Hypertension and atrial fibrillation: epidemiology, pathophysiology and therapeutic implications. Journal of Human Hypertension, 2012, 26, 563-569.	2.2	77
103	Initial Clinical Experience with an Implantable Human Atrial Defibrillator. PACE - Pacing and Clinical Electrophysiology, 1997, 20, 220-225.	1.2	75
104	Association of genetic variants in the adiponectin gene with adiponectin level and hypertension in Hong Kong Chinese. European Journal of Endocrinology, 2010, 163, 251-257.	3.7	75
105	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on arrhythmias and cognitive function: what is the best practice?. Europace, 2018, 20, 1399-1421.	1.7	75
106	Ion Channels in Mesenchymal Stem Cells from Rat Bone Marrow. Stem Cells, 2006, 24, 1519-1528.	3.2	74
107	Reduction of C-reactive protein with isoflavone supplement reverses endothelial dysfunction in patients with ischaemic stroke. European Heart Journal, 2008, 29, 2800-2807.	2.2	74
108	Effects of iron oxide nanoparticles on cardiac differentiation of embryonic stem cells. Biochemical and Biophysical Research Communications, 2009, 379, 898-903.	2.1	74

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109	Regulation of cell proliferation of human induced pluripotent stem cell-derived mesenchymal stem cells via ether-Â-go-go 1 (hEAG1) potassium channel. American Journal of Physiology - Cell Physiology, 2012, 303, C115-C125.	4.6	74
110	Directed Differentiation of Human-Induced Pluripotent Stem Cells to Mesenchymal Stem Cells. Methods in Molecular Biology, 2016, 1416, 289-298.	0.9	74
111	Epidemiology of Atrial Fibrillation: The Australian and Asia-Pacific Perspective. Heart Lung and Circulation, 2017, 26, 870-879.	0.4	74
112	Proarrhythmic risk of embryonic stem cellâ€“derived cardiomyocyte transplantation in infarcted myocardium. Heart Rhythm, 2010, 7, 1852-1859.	0.7	73
113	Endothelium-Selective Activation of AMP-Activated Protein Kinase Prevents Diabetes Mellitusâ€“Induced Impairment in Vascular Function and Reendothelialization via Induction of Heme Oxygenase-1 in Mice. Circulation, 2012, 126, 1267-1277.	1.6	72
114	Understanding the Epidemiology of Heart Failure to Improve Management Practices: An Asia-Pacific Perspective. Journal of Cardiac Failure, 2017, 23, 327-339.	1.7	72
115	Correction of Hirschsprung-Associated Mutations in Human Induced Pluripotent Stem Cells Via Clustered Regularly Interspaced Short Palindromic Repeats/Cas9, Restores NeuralÂCrest Cell Function. Gastroenterology, 2017, 153, 139-153.e8.	1.3	72
116	Reversal of Left Ventricular Remodeling by Synchronous Biventricular Pacing in Heart Failure. PACE - Pacing and Clinical Electrophysiology, 2000, 23, 1722-1725.	1.2	71
117	Electrocardiographic algorithm to identify the optimal target ablation site for idiopathic right ventricular outflow tract ventricular premature contraction. Europace, 2009, 11, 1214-1220.	1.7	71
118	Insensitivity of Human iPS Cells-Derived Mesenchymal Stem Cells to Interferon-Î³-induced HLA Expression Potentiates Repair Efficiency of Hind Limb Ischemia in Immune Humanized NOD Scid Gamma Mice. Stem Cells, 2015, 33, 3452-3467.	3.2	71
119	Prevalence and extent of calcification over aorta, coronary and carotid arteries in patients with rheumatoid arthritis. Journal of Internal Medicine, 2009, 266, 445-452.	6.0	70
120	Impact of coronavirus disease 2019 (<scp>COVID</scp>â€19) outbreak on outcome of myocardial infarction in Hong Kong, China. Catheterization and Cardiovascular Interventions, 2021, 97, E194-E197.	1.7	70
121	Burden of carotid atherosclerosis in patients with stroke: relationships with circulating endothelial progenitor cells and hypertension. Journal of Human Hypertension, 2007, 21, 445-451.	2.2	69
122	Improved Cell Survival and Paracrine Capacity of Human Embryonic Stem Cell-Derived Mesenchymal Stem Cells Promote Therapeutic Potential for Pulmonary Arterial Hypertension. Cell Transplantation, 2012, 21, 2225-2239.	2.5	69
123	The APHRS's 2013 statement on antithrombotic therapy of patients with nonvalvular atrial fibrillation. Journal of Arrhythmia, 2013, 29, 190-200.	1.2	69
124	Rap1 deficiency-provoked paracrine dysfunction impairs immunosuppressive potency of mesenchymal stem cells in allograft rejection of heart transplantation. Cell Death and Disease, 2018, 9, 386.	6.3	68
125	Specific Role of Impaired Glucose Metabolism and Diabetes Mellitus in Endothelial Progenitor Cell Characteristics and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1136-1143.	2.4	67
126	Effects of oral arsenic trioxide therapy on QT intervals in patients with acute promyelocytic leukemia: implications for long-term cardiac safety. Blood, 2006, 108, 103-106.	1.4	66

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127	Isoflavone intake in persons at high risk of cardiovascular events: implications for vascular endothelial function and the carotid atherosclerotic burden. American Journal of Clinical Nutrition, 2007, 86, 938-945.	4.7	66
128	Modeling abnormal early development with induced pluripotent stem cells from aneuploid syndromes. Human Molecular Genetics, 2012, 21, 32-45.	2.9	66
129	Prevalence and extent of subclinical atherosclerosis in patients with psoriasis. Journal of Internal Medicine, 2013, 273, 273-282.	6.0	65
130	Calcium-activated transient outward chloride current and phase 1 repolarization of swine ventricular action potential. Cardiovascular Research, 2003, 58, 89-98.	3.8	64
131	Avoidance of Right Ventricular Pacing in Cardiac Resynchronization Therapy Improves Right Ventricular Hemodynamics in Heart Failure Patients. Journal of Cardiovascular Electrophysiology, 2007, 18, 497-504.	1.7	64
132	Mesenchymal Stem Cells Modulate Albumin-Induced Renal Tubular Inflammation and Fibrosis. PLoS ONE, 2014, 9, e90883.	2.5	64
133	NCoR/SMRT co-repressors cooperate with c-MYC to create an epigenetic barrier to somatic cell reprogramming. Nature Cell Biology, 2018, 20, 400-412.	10.3	64
134	Differential Effects of Tyrosine Kinase Inhibitors on Volume-sensitive Chloride Current in Human Atrial Myocytes. Journal of General Physiology, 2004, 123, 427-439.	1.9	63
135	Transcriptional Pause Release Is a Rate-Limiting Step for Somatic Cell Reprogramming. Cell Stem Cell, 2014, 15, 574-588.	11.1	60
136	Activation of NRG1-ERBB4 signaling potentiates mesenchymal stem cell-mediated myocardial repairs following myocardial infarction. Cell Death and Disease, 2015, 6, e1765-e1765.	6.3	60
137	Modeling Treatment Response for Lamin A/C Related Dilated Cardiomyopathy in Human Induced Pluripotent Stem Cells. Journal of the American Heart Association, 2017, 6, .	3.7	60
138	Mesenchymal stromal cell-derived exosomes in cardiac regeneration and repair. Stem Cell Reports, 2021, 16, 1662-1673.	4.8	60
139	The CHADS2 and CHA2DS2-VASc scores predict adverse vascular function, ischemic stroke and cardiovascular death in high-risk patients without atrial fibrillation: Role of incorporating PR prolongation. Atherosclerosis, 2014, 237, 504-513.	0.8	59
140	Clinical characteristics of and long-term outcome in chinese patients with hypertrophic cardiomyopathy. American Journal of Medicine, 2004, 116, 19-23.	1.5	58
141	Genomic Changes in Regenerated Porcine Coronary Arterial Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2443-2449.	2.4	58
142	Increased arterial stiffness in patients with psoriasis is associated with active systemic inflammation. British Journal of Dermatology, 2011, 164, no-no.	1.5	58
143	A polygenic risk score improves risk stratification of coronary artery disease: a large-scale prospective Chinese cohort study. European Heart Journal, 2022, 43, 1702-1711.	2.2	58
144	Lipocalinâ€2 deficiency prevents endothelial dysfunction associated with dietary obesity: role of cytochrome P450 2C inhibition. British Journal of Pharmacology, 2012, 165, 520-531.	5.4	57

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145	A detailed evaluation of cardiac function in cirrhotic patients and its alteration with or without liver transplantation. Journal of Cardiology, 2016, 67, 140-146.	1.9	57
146	Both EGFR kinase and Src-related tyrosine kinases regulate human ether-Ã-go-go-related gene potassium channels. Cellular Signalling, 2008, 20, 1815-1821.	3.6	56
147	Multiple Ca²⁺ signaling pathways regulate intracellular Ca²⁺ activity in human cardiac fibroblasts. Journal of Cellular Physiology, 2010, 223, 68-75.	4.1	56
148	Heterogeneous Changes in Electrophysiologic Properties in the Paroxysmal and Chronically Fibrillating Human Atrium. Journal of Cardiovascular Electrophysiology, 1999, 10, 125-135.	1.7	55
149	Continuous Calcium Chloride Infusion for Massive Nifedipine Overdose. Chest, 2001, 119, 1280-1282.	0.8	55
150	Ethnic Differences in Atrial Fibrillation Identified Using Implanted Cardiac Devices. Journal of Cardiovascular Electrophysiology, 2013, 24, 381-387.	1.7	55
151	Attenuation of Hind-Limb Ischemia in Mice with Endothelial-Like Cells Derived from Different Sources of Human Stem Cells. PLoS ONE, 2013, 8, e57876.	2.5	55
152	Prognostic Value of Preoperative Right Ventricular Geometry and Tricuspid Valve Tethering Area in Patients Undergoing Tricuspid Annuloplasty. Circulation, 2014, 129, 87-92.	1.6	54
153	Prevalence and Predictors of New-Onset Atrial Fibrillation After Elective Surgery for Colorectal Cancer. PACE - Pacing and Clinical Electrophysiology, 2005, 28, S120-S123.	1.2	53
154	Risk of ischemic stroke after new-onset atrial fibrillation in patients with hyperthyroidism. Heart Rhythm, 2009, 6, 169-173.	0.7	53
155	Catheter ablation of atrial fibrillation via superior approach in patients with interruption of the inferior vena cava. Heart Rhythm, 2009, 6, 174-179.	0.7	53
156	Empagliflozin Ammeliorates High Glucose Induced-Cardiac Dysfuntion in Human iPSC-Derived Cardiomyocytes. Scientific Reports, 2018, 8, 14872.	3.3	53
157	Relation Between Mitral Regurgitation and Platelet Activation. Journal of the American College of Cardiology, 1997, 30, 1813-1818.	2.8	52
158	Study of myocardial fiber pathway using magnetic resonance diffusion tensor imaging. Magnetic Resonance Imaging, 2007, 25, 1048-1057.	1.8	52
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