

Karl-Henrik Grinnemo

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,807
citations

393982

19
h-index

264894

42
g-index

46
all docs

46
docs citations

46
times ranked

3123
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiogenic effects of sequential release of VEGF-A165 and PDGF-BB with alginate hydrogels after myocardial infarction. <i>Cardiovascular Research</i> , 2007, 75, 178-185.	1.8	329
2	Clonal culturing of human embryonic stem cells on laminin-521/E-cadherin matrix in defined and xeno-free environment. <i>Nature Communications</i> , 2014, 5, 3195.	5.8	248
3	In Vivo Effects of Mesenchymal Stromal Cells in Two Patients With Severe Acute Respiratory Distress Syndrome. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1199-1213.	1.6	131
4	Human embryonic stem cells are immunogenic in allogeneic and xenogeneic settings. <i>Reproductive BioMedicine Online</i> , 2006, 13, 712-724.	1.1	96
5	Mechanical isolation of the inner cell mass is effective in derivation of new human embryonic stem cell lines. <i>Human Reproduction</i> , 2007, 22, 3051-3058.	0.4	96
6	Islet-1 Cells Are Cardiac Progenitors Present During the Entire Lifespan: From the Embryonic Stage to Adulthood. <i>Stem Cells and Development</i> , 2010, 19, 1601-1615.	1.1	79
7	Immunogenicity of human embryonic stem cells. <i>Cell and Tissue Research</i> , 2008, 331, 67-78.	1.5	73
8	Local Control of Nuclear Calcium Signaling in Cardiac Myocytes by Perinuclear Microdomains of Sarcolemmal Insulin-Like Growth Factor 1 Receptors. <i>Circulation Research</i> , 2013, 112, 236-245.	2.0	73
9	Human mesenchymal stem cells do not differentiate into cardiomyocytes in a cardiac ischemic xenomodel. <i>Annals of Medicine</i> , 2006, 38, 144-153.	1.5	68
10	Differences and similarities between cancer and somatic stem cells: therapeutic implications. <i>Stem Cell Research and Therapy</i> , 2020, 11, 489.	2.4	65
11	Myocardial angiogenesis after plasmid or adenoviral VEGF-A165 gene transfer in rat myocardial infarction model. <i>Cardiovascular Research</i> , 2007, 73, 481-487.	1.8	57
12	Compared with matched controls, patients with postoperative atrial fibrillation (POAF) have increased long-term AF after CABG, and POAF is further associated with increased ischemic stroke, heart failure and mortality even after adjustment for AF. <i>Clinical Research in Cardiology</i> , 2020, 109, 1232-1242.	1.5	43
13	Costimulation Blockade Induces Tolerance to HESC Transplanted to the Testis and Induces Regulatory T-Cells to HESC Transplanted into the Heart. <i>Stem Cells</i> , 2008, 26, 1850-1857.	1.4	39
14	Modulation of ephrinB2 leads to increased angiogenesis in ischemic myocardium and endothelial cell proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 355-359.	1.0	38
15	Exploration of human, rat, and rabbit embryonic cardiomyocytes suggests K-channel block as a common teratogenic mechanism. <i>Cardiovascular Research</i> , 2013, 97, 23-32.	1.8	37
16	Angiogenic and cardiac functional effects of dual gene transfer of VEGF-A165 and PDGF-BB after myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 292-296.	1.0	30
17	Ischemia-Reperfusion Injury and Pregnancy Initiate Time-Dependent and Robust Signs of Up-Regulation of Cardiac Progenitor Cells. <i>PLoS ONE</i> , 2012, 7, e36804.	1.1	24
18	Human fetal cardiac progenitors: The role of stem cells and progenitors in the fetal and adult heart. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 31, 58-68.	1.4	21

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19	Early first trimester human embryonic cardiac Islet-1 progenitor cells and cardiomyocytes: Immunohistochemical and electrophysiological characterization. <i>Stem Cell Research</i> , 2010, 4, 69-76.	0.3	20
20	Intentional ABO-incompatible heart transplantation: A case report of 2 adult patients. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1307-1310.	0.3	20
21	Wnt/ β -Catenin Stimulation and Laminins Support Cardiovascular Cell Progenitor Expansion from Human Fetal Cardiac Mesenchymal Stromal Cells. <i>Stem Cell Reports</i> , 2016, 6, 607-617.	2.3	20
22	Sublethal Caspase Activation Promotes Generation of Cardiomyocytes from Embryonic Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0120176.	1.1	19
23	Extracorporeal membrane oxygenation as a rescue of intractable ventricular fibrillation and bridge to heart transplantation. <i>European Journal of Heart Failure</i> , 2010, 12, 301-304.	2.9	18
24	Synthetic tracheal grafts seeded with bone marrow cells fail to generate functional tracheae: First long-term follow-up study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2525-2537.e23.	0.4	18
25	Myocardial recovery in peri-partum cardiomyopathy after continuous flow left ventricular assist device. <i>Journal of Cardiothoracic Surgery</i> , 2011, 6, 150.	0.4	17
26	Dual roles of heparanase in human carotid plaque calcification. <i>Atherosclerosis</i> , 2019, 283, 127-136.	0.4	16
27	Whole Organ and Tissue Reconstruction in Thoracic Regenerative Surgery. <i>Mayo Clinic Proceedings</i> , 2013, 88, 1151-1166.	1.4	14
28	Costimulation Blockade Induces Foxp3+ Regulatory T Cells to Human Embryonic Stem Cells. <i>BioResearch Open Access</i> , 2013, 2, 455-458.	2.6	9
29	Five-Year Follow-up after Mesenchymal Stromal Cell-based Treatment of Severe Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1051-1055.	2.5	9
30	Human Fetal Cardiac Mesenchymal Stromal Cells Differentiate In Vivo into Endothelial Cells and Contribute to Vasculogenesis in Immunocompetent Mice. <i>Stem Cells and Development</i> , 2019, 28, 310-318.	1.1	8
31	Erythropoietin has an antiapoptotic effect after myocardial infarction and stimulates in vitro aortic ring sprouting. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 75-78.	1.0	7
32	Peripheral Extracorporeal Membrane Oxygenation as Short-Term Right Ventricular Support After HeartWare Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2013, 59, 523-525.	0.9	6
33	HeartWare left ventricular assist device thrombosis in aspirin non-responder. <i>Asian Cardiovascular and Thoracic Annals</i> , 2014, 22, 203-204.	0.2	6
34	Pleiotropic roles of autophagy in stem cell-based therapies. <i>Cytotherapy</i> , 2019, 21, 380-392.	0.3	6
35	Estrogen receptors do not influence angiogenesis after myocardial infarction. <i>Scandinavian Cardiovascular Journal</i> , 2011, 45, 215-222.	0.4	5
36	Immunomodulatory effects of interferon- β on human fetal cardiac mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 371.	2.4	5

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37	Depressed expression of angiogenic growth factors in the subacute phase of myocardial ischemia: a mechanism behind the remodeling plateau?. <i>Coronary Artery Disease</i> , 2010, 21, 65-71.	0.3	3
38	Characterization of Laminins in Healthy Human Aortic Valves and a Modified Decellularized Rat Scaffold. <i>BioResearch Open Access</i> , 2020, 9, 269-278.	2.6	3
39	Emergency Parallel Mechanical Circulatory Support for Ventricular Fibrillation. <i>Circulation: Heart Failure</i> , 2014, 7, 229-230.	1.6	2
40	A Rare Case of Cardiac Echinococcosis: The Role of Multimodality Imaging. <i>Case</i> , 2021, 5, 230-234.	0.1	2
41	Diversity of respiratory parameters and metabolic adaptation to low oxygen tension in mesenchymal stromal cells. <i>Metabolism Open</i> , 2022, 13, 100167.	1.4	2
42	Cardiac Arrest after a Transatlantic Flight in a Patient with a Large Left Atrial Myxoma. <i>Case</i> , 2020, 4, 28-32.	0.1	1
43	The International Translational Regenerative Medicine Center. <i>Regenerative Medicine</i> , 2012, 7, 74-75.	0.8	0
44	Percutaneous Fluoroscopic-Guided Endomyocardial Delivery in an Experimental Model of Left Ventricular Assist Device Support. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 381-384.	1.1	0
45	Spatiotemporal extracellular matrix modeling for in situ cell niche studies. <i>Stem Cells</i> , 2021, 39, 1751-1765.	1.4	0