

Konstantinos E Hatzistergos

List of Publications by Year in descending order

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55
papers

3,941
citations

236833

25
h-index

289141

40
g-index

58
all docs

58
docs citations

58
times ranked

4911
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Marrow Mesenchymal Stem Cells Stimulate Cardiac Stem Cell Proliferation and Differentiation. <i>Circulation Research</i> , 2010, 107, 913-922.	2.0	659
2	Allogeneic mesenchymal stem cells restore cardiac function in chronic ischemic cardiomyopathy via trilineage differentiating capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14022-14027.	3.3	529
3	Enhanced Effect of Combining Human Cardiac Stem Cells and Bone Marrow Mesenchymal Stem Cells to Reduce Infarct Size and to Restore Cardiac Function After Myocardial Infarction. <i>Circulation</i> , 2013, 127, 213-223.	1.6	375
4	Randomized Comparison of Allogeneic Versus Autologous Mesenchymal Stem Cells for Nonischemic Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 69, 526-537.	1.2	297
5	Rebuilding the Damaged Heart: Mesenchymal Stem Cells, Cell-Based Therapy, and Engineered Heart Tissue. <i>Physiological Reviews</i> , 2016, 96, 1127-1168.	13.1	251
6	Mesenchymal Stem Cell-Based Therapy for Cardiovascular Disease: Progress and Challenges. <i>Molecular Therapy</i> , 2018, 26, 1610-1623.	3.7	241
7	Autologous mesenchymal stem cells produce reverse remodelling in chronic ischaemic cardiomyopathy. <i>European Heart Journal</i> , 2009, 30, 2722-2732.	1.0	231
8	Early improvement in cardiac tissue perfusion due to mesenchymal stem cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2002-H2011.	1.5	152
9	Synergistic Effects of Combined Cell Therapy for Chronic Ischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1990-1999.	1.2	133
10	<i>cKit</i> ⁺ cardiac progenitors of neural crest origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13051-13056.	3.3	104
11	Increased Potency of Cardiac Stem Cells Compared with Bone Marrow Mesenchymal Stem Cells in Cardiac Repair. <i>Stem Cells Translational Medicine</i> , 2012, 1, 116-124.	1.6	84
12	Inhibition of the SDF-1/CXCR4 Axis Attenuates Neonatal Hypoxia-Induced Pulmonary Hypertension. <i>Circulation Research</i> , 2009, 104, 1293-1301.	2.0	83
13	Cell-based therapy for prevention and reversal of myocardial remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H256-H270.	1.5	81
14	Stimulatory Effects of Mesenchymal Stem Cells on <i>cKit</i> ⁺ Cardiac Stem Cells Are Mediated by SDF1/CXCR4 and SCF/ <i>cKit</i> Signaling Pathways. <i>Circulation Research</i> , 2016, 119, 921-930.	2.0	81
15	Pim1 Kinase Overexpression Enhances <i>ckit</i> ⁺ Cardiac Stem Cell Cardiac Repair Following Myocardial Infarction in Swine. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2454-2464.	1.2	69
16	Activation of growth hormone releasing hormone (GHRH) receptor stimulates cardiac reverse remodeling after myocardial infarction (MI). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 559-563.	3.3	58
17	What Is the Oncologic Risk of Stem Cell Treatment for Heart Disease?. <i>Circulation Research</i> , 2011, 108, 1300-1303.	2.0	52
18	Adult <i>cKit</i> ⁺ progenitor cells are necessary for maintenance and regeneration of olfactory neurons. <i>Journal of Comparative Neurology</i> , 2015, 523, 15-31.	0.9	46

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19	Endothelin receptor-A blockade decreases ventricular arrhythmias after myocardial infarction in rats. Cardiovascular Research, 2005, 67, 647-654.	1.8	44
20	Nitrosogluthatione Reductase Deficiency Enhances the Proliferative Expansion of Adult Heart Progenitors and Myocytes Post Myocardial Infarction. Journal of the American Heart Association, 2015, 4, .	1.6	43
21	Osteopontin Promotes Left Ventricular Diastolic Dysfunction Through a Mitochondrial Pathway. Journal of the American College of Cardiology, 2019, 73, 2705-2718.	1.2	41
22	Differentiation of hepatocyte-like cells from human pluripotent stem cells using small molecules. Differentiation, 2018, 101, 16-24.	1.0	36
23	Tumor Suppressors RB1 and CDKN2a Cooperatively Regulate Cell-Cycle Progression and Differentiation During Cardiomyocyte Development and Repair. Circulation Research, 2019, 124, 1184-1197.	2.0	32
24	Comparison of Mesenchymal Stem Cell Efficacy in Ischemic Versus Nonischemic Dilated Cardiomyopathy. Journal of the American Heart Association, 2018, 7, .	1.6	29
25	How, and from which cell sources, do nevi really develop?. Experimental Dermatology, 2014, 23, 310-313.	1.4	25
26	Murine Models Demonstrate Distinct Vasculogenic and Cardiomyogenic cKit ⁺ Lineages in the Heart. Circulation Research, 2016, 118, 382-387.	2.0	21
27	Physiological and hypoxic oxygen concentration differentially regulates human c-Kit ⁺ cardiac stem cell proliferation and migration. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1509-H1519.	1.5	20
28	Bone Marrow-Derived c-kit ⁺ Cells Attenuate Neonatal Hyperoxia-Induced Lung Injury. Cell Transplantation, 2015, 24, 85-95.	1.2	17
29	Cardiac Cell Therapy 3.0. Circulation Research, 2017, 121, 95-97.	2.0	17
30	Randomised comparison of growth hormone versus IGF-1 on early post-myocardial infarction ventricular remodelling in rats. Growth Hormone and IGF Research, 2008, 18, 157-165.	0.5	12
31	Early, selective growth hormone administration may ameliorate left ventricular remodeling after myocardial infarction. Medical Hypotheses, 2005, 64, 582-585.	0.8	11
32	Cell Therapy. Circulation Research, 2015, 117, 659-661.	2.0	10
33	Simulated Microgravity Impairs Cardiac Autonomic Neurogenesis from Neural Crest Cells. Stem Cells and Development, 2018, 27, 819-830.	1.1	10
34	A novel cardiomyogenic role for Isl1 ⁺ neural crest cells in the inflow tract. Science Advances, 2020, 6, .	4.7	10
35	Early, intracoronary growth hormone administration attenuates ventricular remodeling in a porcine model of myocardial infarction. Growth Hormone and IGF Research, 2006, 16, 93-100.	0.5	9
36	Evidence for a retinal progenitor cell in the postnatal and adult mouse. Stem Cell Research, 2017, 23, 20-32.	0.3	9

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37	Sex-Related Effects on Cardiac Development and Disease. Journal of Cardiovascular Development and Disease, 2022, 9, 90.	0.8	6
38	Effects of Combination of Proliferative Agents and Erythropoietin on Left Ventricular Remodeling Post-Myocardial Infarction. Clinical and Translational Science, 2011, 4, 168-174.	1.5	5
39	Cardiac Stem Cells: Biology and Therapeutic Applications. , 2011, , 327-346.		3
40	Cardiac Stem Cells. , 2019, , 247-272.		2
41	Mesenchymal Stem Cells: Characterization, Properties and Therapeutic Potential. , 2018, , 25-25.		1
42	Abstract 123: Osteopontin Regulates Adult Cardiomyocyte Division in a Mouse Model of Pressure Overload Induced Heart Failure. Circulation Research, 2019, 125, .	2.0	1
43	Developmental and Regenerative Biology of Cardiomyocytes. International Journal of Developmental Biology, 2021, , .	0.3	1
44	Response to Letter by Deng. Circulation Research, 2010, 107, .	2.0	0
45	Cardiac Stem Cells – Biology and Therapeutic Applications. , 2013, , 603-619.		0
46	Adult c-Kit(+) progenitor cells are necessary for maintenance and regeneration of olfactory neurons. Journal of Comparative Neurology, 2015, 523, Spc1-Spc1.	0.9	0
47	Ischemic vs. Non-Ischemic Dilated Cardiomyopathy: a Comparative Study in Stem Cell Therapy Efficacy. Journal of Molecular and Cellular Cardiology, 2017, 112, 160.	0.9	0
48	Cardiac progenitor cells, tissue homeostasis, and regeneration. , 2020, , 579-591.		0
49	S-nitrosoglutathione reductase (GSNOR) deficiency accelerates cardiomyocyte differentiation of induced pluripotent stem cells. , 2021, 1, .		0
50	Abstract 323: Loss of Gravity Impairs Cardiac Neural Crest Cell Lineage Development and Function. Circulation Research, 2016, 119, .	2.0	0
51	Abstract 322: Postnatal Islet-1 Cardioblasts Are of Neural Crest and Not Second Heart-Field Lineage. Circulation Research, 2016, 119, .	2.0	0
52	Abstract 215: Induced Pluripotent Stem Cell-Derived Cardiomyocyte Proliferation is Enhanced by Co-culture With Female Mesenchymal Stem Cells. Circulation Research, 2018, 123, .	2.0	0
53	Abstract 342: The Absence of S-nitrosoglutathione Reductase (GSNOR -/-) Reduces Maturation of iPSC-derived Cardiomyocytes. Circulation Research, 2018, 123, .	2.0	0
54	Fate of Developmental Mechanisms of Myocardial Plasticity in the Postnatal Heart. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	Abstract 420: S-nitrosylation Promotes Cell Cycle, Cell Viability and Proliferation by Activating the Snail/Slug Pathway in miPSC-derived CM. Circulation Research, 2019, 125, .	2.0	0