Antonio Campos de Carvalho

List of Publications by Year
in descending order

182 papers	6,737 citations	76196 40 h-index	74018 75 g-index
193 all docs	193 docs citations	193 times ranked	6711 citing authors

#	Article	IF	Citations
1	Transendocardial, Autologous Bone Marrow Cell Transplantation for Severe, Chronic Ischemic Heart Failure. Circulation, 2003, 107, 2294-2302.	1.6	1,233
2	Improved Exercise Capacity and Ischemia 6 and 12 Months After Transendocardial Injection of Autologous Bone Marrow Mononuclear Cells for Ischemic Cardiomyopathy. Circulation, 2004, 110, II-213-II-218.	1.6	310
3	Treatment with Benznidazole during the Chronic Phase of Experimental Chagas' Disease Decreases Cardiac Alterations. Antimicrobial Agents and Chemotherapy, 2005, 49, 1521-1528.	1.4	220
4	Macrophage-dependent IL-1Î² production induces cardiac arrhythmias in diabetic mice. Nature Communications, 2016, 7, 13344.	5.8	203
5	Gap-junctional coupling between neurons and astrocytes in primary central nervous system cultures. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7541-7546.	3.3	158
6	Bone Marrow Multipotent Mesenchymal Stromal Cells Do Not Reduce Fibrosis or Improve Function in a Rat Model of Severe Chronic Liver Injury. Stem Cells, 2008, 26, 1307-1314.	1.4	144
7	Perspectives on Trypanosoma cruziâ€"Induced Heart Disease (Chagas Disease). Progress in Cardiovascular Diseases, 2009, 51, 524-539.	1.6	138
8	Cellular mechanism of the conduction abnormalities induced by serum from anti-Ro/SSA-positive patients in rabbit hearts.. Journal of Clinical Investigation, 1994, 93, 718-724.	3.9	135
9	Gating of gap junction channels. Biophysical Journal, 1984, 45, 219-230.	0.2	131
10	Transplanted Bone Marrow Cells Repair Heart Tissue and Reduce Myocarditis in Chronic Chagasic Mice. American Journal of Pathology, 2004, 164, 441-447.	1.9	103
11	Transcriptional regulation of the murine promoter by cardiac factors Nkx2-5, GATA4 and Tbx5. Cardiovascular Research, 2004, 64, 402-411.	1.8	91
12	Chagas Heart Disease. Cardiology in Review, 2012, 20, 53-65.	0.6	90
13	Cardioprotective Properties of Humoral Factors Released From Rat Hearts Subject to Ischemic Preconditioning. Journal of Cardiovascular Pharmacology, 2007, 49, 214-220.	0.8	87
14	Cardiac autonomic dysfunction in rats chronically treated with anabolic steroid. European Journal of Applied Physiology, 2006, 96, 487-494.	1.2	85
15	Gap junction distribution is altered between cardiac myocytes infected with Trypanosoma cruzi.. Circulation Research, 1992, 70, 733-742.	2.0	80
16	Sera From Chronic Chagasic Patients With Complex Cardiac Arrhythmias Depress Electrogenesis and Conduction in Isolated Rabbit Hearts. Circulation, 1997, 96, 2031-2037.	1.6	80
17	Optimized labeling of bone marrow mesenchymal cells with superparamagnetic iron oxide nanoparticles and in vivo visualization by magnetic resonance imaging. Journal of Nanobiotechnology, 2011, 9, 4.	4.2	77
18	Bone marrow stromal cells improve cardiac performance in healed infarcted rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H464-H470.	1.5	72

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19	Reversion of gene expression alterations in hearts of mice with chronic chagasic cardiomyopathy after transplantation of bone marrow cells. Cell Cycle, 2011, 10, 1448-1455.	1.3	68
20	Tracking stem cells with superparamagnetic iron oxide nanoparticles: perspectives and considerations. International Journal of Nanomedicine, 2017, Volume 12, 779-793.	3.3	65
21	Gene Expression Changes Associated with Myocarditis and Fibrosis in Hearts of Mice with Chronic Chagasic Cardiomyopathy. Journal of Infectious Diseases, 2010, 202, 416-426.	1.9	64
22	Pharmacologic properties of P2Z/P2X7receptor characterized in murine dendritic cells: role on the induction of apoptosis. Blood, 2000, 96, 996-1005.	0.6	63
23	Cell Therapy in Chagas Cardiomyopathy (Chagas Arm of the Multicenter Randomized Trial of Cell) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	63
24	Adipose-Derived Stem-Cell Treatment of Skeletal Muscle Injury. Journal of Bone and Joint Surgery - Series A, 2012, 94, 609-617.	1.4	63
25	Functional gap junctions in thymic epithelial cells are formed by connexin 43. European Journal of Immunology, 1995, 25, 431-437.	1.6	62
26	Chronic treatment with anabolic steroids induces ventricular repolarization disturbances: Cellular, ionic and molecular mechanism. Journal of Molecular and Cellular Cardiology, 2010, 49, 165-175.	0.9	62
27	Bone Marrow Cell Therapy Ameliorates and Reverses Chagasic Cardiomyopathy in a Mouse Model. Journal of Infectious Diseases, 2008, 197, 544-547.	1.9	58
28	Conduction Defects and Arrhythmias in Chagas' Disease:.. Journal of Cardiovascular Electrophysiology, 1994, 5, 686-698.	0.8	56
29	Multicentre, randomized, double-blind trial of intracoronary autologous mononuclear bone marrow cell injection in non-ischaemic dilated cardiomyopathy (the dilated cardiomyopathy arm of the) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	55
30	Functionally active cardiac antibodies in chronic Chagas' disease are specifically blocked by<i>Trypanosoma cruzi</i>antigens. FASEB Journal, 1998, 12, 1551-1558.	0.2	54
31	Nandrolone decanoate impairs exercise-induced cardioprotection: Role of antioxidant enzymes. Journal of Steroid Biochemistry and Molecular Biology, 2006, 99, 223-230.	1.2	53
32	Bone marrow mononuclear cell therapy for patients with cirrhosis: a Phase 1 study. Liver International, 2011, 31, 391-400.	1.9	53
33	Modulation of intercellular communication in macrophages: possible interactions between GAP junctions and P2 receptors. Journal of Cell Science, 2004, 117, 4717-4726.	1.2	49
34	Early occurrence of anti-muscarinic autoantibodies and abnormal vagal modulation in Chagas disease. International Journal of Cardiology, 2007, 117, 59-63.	0.8	49
35	M ulticenter randomi zed trial of cell the rapy in car diopat hies â€“ MiHeart Study. Trials, 2007, 8, 2.	0.7	47
36	Mesenchymal Bone Marrow Cell Therapy in a Mouse Model of Chagas Disease. Where Do the Cells Go?. PLoS Neglected Tropical Diseases, 2012, 6, e1971.	1.3	43

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37	Cardiac effects of oxytocin: Is there a role for this peptide in cardiovascular homeostasis?. Regulatory Peptides, 2005, 132, 107-112.	1.9	42
38	Transcriptomic alterations in Trypanosoma cruzi-infected cardiac myocytes. Microbes and Infection, 2009, 11, 1140-1149.	1.0	42
39	Labeling Stem Cells with Superparamagnetic Iron Oxide Nanoparticles: Analysis of the Labeling Efficacy by Microscopy and Magnetic Resonance Imaging. Methods in Molecular Biology, 2012, 906, 239-252.	0.4	41
40	Voltage-dependent gap junction channels are formed by connexin32, the major gap junction protein of rat liver. Biophysical Journal, 1991, 59, 920-925.	0.2	40
41	Sustained IGF-1 Secretion by Adipose-Derived Stem Cells Improves Infarcted Heart Function. Cell Transplantation, 2016, 25, 1609-1622.	1.2	39
42	Gap junction disappearance in astrocytes and leptomeningeal cells as a consequence of protozoan infection. Brain Research, 1998, 790, 304-314.	1.1	38
43	Gap junction-mediated loops of neuronal-glial interactions. Glia, 1998, 24, 97-107.	2.5	38
44	Bone Marrow Cell Transplant does Not Prevent or Reverse Murine Liver Cirrhosis. Cell Transplantation, 2008, 17, 943-953.	1.2	38
45	Chemical Induction of Cardiac Differentiation in P19 Embryonal Carcinoma Stem Cells. Stem Cells and Development, 2010, 19, 403-412.	1.1	38
46	Human chagasic IgGs bind to cardiac muscarinic receptors and impair L-type Ca currents. Cardiovascular Research, 2003, 58, 55-65.	1.8	37
47	A novel form of cellular communication among thymic epithelial cells: intercellular calcium wave propagation. American Journal of Physiology - Cell Physiology, 2003, 285, C1304-C1313.	2.1	37
48	Modulation of gap junction mediated intercellular communication in TM3 Leydig cells. Journal of Endocrinology, 2003, 177, 327-335.	1.2	36
49	Gap junctions: a novel route for direct cellâ€"cell communication in the immune system?. Trends in Immunology, 1998, 19, 269-275.	7.5	35
50	Rhodnius prolixus Malpighian tubule's aquaporin expression is modulated by 5-hydroxytryptamine. Archives of Insect Biochemistry and Physiology, 2004, 57, 133-141.	0.6	34
51	Heart regeneration: Past, present and future. World Journal of Cardiology, 2010, 2, 107.	0.5	34
52	Human antibodies with muscarinic activity modulate ventricular repolarization: Basis for electrical disturbance. International Journal of Cardiology, 2007, 115, 373-380.	0.8	33
53	G-CSF does not improve systolic function in a rat model of acute myocardial infarction. Basic Research in Cardiology, 2006, 101, 494-501.	2.5	32
54	Stemâ€cell therapy in STâ€segment elevation myocardial infarction with reduced ejection fraction: A multicenter, doubleâ€blind randomized trial. Clinical Cardiology, 2018, 41, 392-399.	0.7	32

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55	Properties of Chicken Lens MIP Channels Reconstituted into Planar Lipid Bilayers. Journal of Membrane Biology, 1996, 154, 239-249.	1.0	31
56	Molecular imaging, biodistribution and efficacy of mesenchymal bone marrow cell therapy in a mouse model of Chagas disease. Microbes and Infection, 2014, 16, 923-935.	1.0	31
57	Induction of in vitro heart block is not restricted to affinity purified anti-52 kDa Ro/SSA antibody from mothers of children with neonatal lupus. Lupus, 1998, 7, 141-147.	0.8	30
58	Sera from chronic chagasic patients depress cardiac electrogenesis and conduction. Brazilian Journal of Medical and Biological Research, 2000, 33, 439-446.	0.7	30
59	Aging-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 39-50.	1.2	30
60	DNA immunizations with M muscarinic and ? adrenergic receptor coding plasmids impair cardiac function in mice. Journal of Molecular and Cellular Cardiology, 2005, 38, 703-714.	0.9	29
61	Alterations in myocardial gene expression associated with experimental Trypanosoma cruzi infection. Genomics, 2008, 91, 423-432.	1.3	29
62	Human Menstrual Blood-Derived Mesenchymal Cells as a Cell Source of Rapid and Efficient Nuclear Reprogramming. Cell Transplantation, 2012, 21, 2215-2224.	1.2	29
63	AT1 and Aldosterone Receptors Blockade Prevents the Chronic Effect of Nandrolone on the Exercise-Induced Cardioprotection in Perfused rat Heart Subjected to Ischemia and Reperfusion. Cardiovascular Drugs and Therapy, 2014, 28, 125-135.	1.3	29
64	Cardiosphere-derived cells do not improve cardiac function in rats with cardiac failure. Stem Cell Research and Therapy, 2017, 8, 36.	2.4	29
65	pH Dependence of transmission at electronic synapses of the crayfish septate axon. Brain Research, 1984, 321, 279-286.	1.1	28
66	Production of transgenic goat (Capra hircus) with human Granulocyte Colony Stimulating Factor (hG-CSF) gene in Brazil. Anais Da Academia Brasileira De Ciencias, 2007, 79, 585-592.	0.3	28
67	Ultrasound imaging in an experimental model of fatty liver disease and cirrhosis in rats. BMC Veterinary Research, 2010, 6, 6.	0.7	28
68	Bone Marrow Mesenchymal Cells Improve Muscle Function in a Skeletal Muscle Re-Injury Model. PLoS ONE, 2015, 10, e0127561.	1.1	27
69	Substituted benzyl acetates: a new class of compounds that reduce gap junctional conductance by cytoplasmic acidification.. Journal of Cell Biology, 1984, 99, 174-179.	2.3	26
70	Characterization of P2Z purinergic receptors on phagocytic cells of the thymic reticulum in culture. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1280, 217-222.	1.4	26
71	Biodistribution of bone marrow mononuclear cells in chronic chagasic cardiomyopathy after intracoronary injection. International Journal of Cardiology, 2011, 149, 310-314.	0.8	26
72	Adipose Tissue-Derived Mesenchymal Stromal Cells Protect Mice Infected with Trypanosoma cruzi from Cardiac Damage through Modulation of Anti-parasite Immunity. PLoS Neglected Tropical Diseases, 2015, 9, e0003945.	1.3	26

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73	Antibodies with beta-adrenergic activity from chronic chagasic patients modulate the QT interval and M cell action potential duration. Europace, 2008, 10, 868-876.	0.7	25
74	A safety and feasibility study of cell therapy in dilated cardiomyopathy. Brazilian Journal of Medical and Biological Research, 2010, 43, 989-995.	0.7	25
75	Gap Junctions and Chagas Disease. Advances in Parasitology, 2011, 76, 63-81.	1.4	25
76	Improvement of cardiac function by placenta-derived mesenchymal stem cells does not require permanent engraftment and is independent of the insulin signaling pathway. Stem Cell Research and Therapy, 2014, 5, 102.	2.4	25
77	Mast Cell Coupling to the Kallikreinâ€“Kinin System Fuels Intracardiac Parasitism and Worsens Heart Pathology in Experimental Chagas Disease. Frontiers in Immunology, 2017, 8, 840.	2.2	25
78	R534C mutation in hERG causes a trafficking defect in iPSC-derived cardiomyocytes from patients with type 2 long QT syndrome. Scientific Reports, 2019, 9, 19203.	1.6	24
79	Tissue-engineered human embryonic stem cell-containing cardiac patches: evaluating recellularization of decellularized matrix. Journal of Tissue Engineering, 2020, 11, 204173142092148.	2.3	24
80	Connexin40 Messenger Ribonucleic Acid Is Positively Regulated by Thyroid Hormone (TH) Acting in Cardiac Atria via the TH Receptor. Endocrinology, 2009, 150, 546-554.	1.4	23
81	Characterization of connexin 30.3 and 43 in thymocytes. Immunology Letters, 2004, 94, 65-75.	1.1	22
82	Autoantibodies Enhance Agonist Action and Binding to Cardiac Muscarinic Receptors in Chronic Chagas' Disease. Journal of Receptor and Signal Transduction Research, 2008, 28, 375-401.	1.3	22
83	Sera from patients with idiopathic dilated cardiomyopathy decrease ICa in cardiomyocytes isolated from rabbits. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1928-H1936.	1.5	21
84	Time course of echocardiographic and electrocardiographic parameters in myocardial infarct in rats. Anais Da Academia Brasileira De Ciencias, 2007, 79, 639-648.	0.3	21
85	Granulocyte-colony Stimulating Factor Treatment of Chronic Myocardial Infarction. Cardiovascular Drugs and Therapy, 2010, 24, 121-130.	1.3	21
86	Cardiac gene expression and systemic cytokine profile are complementary in a murine model of post-ischemic heart failure. Brazilian Journal of Medical and Biological Research, 2010, 43, 377-389.	0.7	21
87	Soluble Factors from Multipotent Mesenchymal Stromal Cells have Antinecrotic Effect on Cardiomyocytes in Vitro and Improve Cardiac Function in Infarcted Rat Hearts. Cell Transplantation, 2012, 21, 1011-1021.	1.2	21
88	Is the mammalian porin channel, VDAC, a perfect cylinder in the high conductance state?. FEBS Letters, 1997, 416, 187-189.	1.3	20
89	Gap junctions in hematopoietic stroma control proliferation and differentiation of blood cell precursors. Anais Da Academia Brasileira De Ciencias, 2004, 76, 743-756.	0.3	20
90	Functional and Transcriptomic Recovery of Infarcted Mouse Myocardium Treated with Bone Marrow Mononuclear Cells. Stem Cell Reviews and Reports, 2012, 8, 251-261.	5.6	20

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91	Characterization of cardiopulmonary function and cardiac muscarinic and adrenergic receptor density adaptation in C57BL/6 mice with chronic Trypanosoma cruzi infection. Parasitology, 2006, 133, 729.	0.7	19
92	Cellular therapy in Chagasâ€™ disease: potential applications in patients with chronic cardiomyopathy. Regenerative Medicine, 2007, 2, 257-264.	0.8	19
93	Envolvimento de auto-anticorpos na fisiopatologia da DoenÃ§a de Chagas. Arquivos Brasileiros De Cardiologia, 2008, 91, 281-286.	0.3	18
94	Nervous system diseases involving gap junctions. Brain Research Reviews, 2000, 32, 189-191.	9.1	17
95	Adipose-Derived Stromal Cell Therapy Improves Cardiac Function after Coronary Occlusion in Rats. Cell Transplantation, 2012, 21, 1985-1996.	1.2	16
96	Ectopic Ossification in the Scar Tissue of Rats with Myocardial Infarction. Cell Transplantation, 2006, 15, 389-397.	1.2	15
97	Bone marrow mesenchymal stromal cells rescue cardiac function in streptozotocin-induced diabetic rats. International Journal of Cardiology, 2014, 171, 199-208.	0.8	15
98	New Cardiomyokine Reduces Myocardial Ischemia/Reperfusion Injury by PI3Kâ€AKT Pathway Via a Putative KDELâ€Receptor Binding. Journal of the American Heart Association, 2021, 10, e019685.	1.6	15
99	Connexin expression and gap-junction-mediated cell interactions in an in vitro model of haemopoietic stroma. Cell and Tissue Research, 2004, 316, 65-76.	1.5	14
100	Correlation between conformation and antibody binding: NMR structure of cross-reactive peptides fromT. cruzi, human andL. braziliensis. FEBS Letters, 2004, 560, 134-140.	1.3	14
101	Bone marrow cells obtained from cirrhotic rats do not improve function or reduce fibrosis in a chronic liver disease model. Clinical Transplantation, 2011, 25, 54-60.	0.8	14
102	Reprogramming to a pluripotent state modifies mesenchymal stem cell resistance to oxidative stress. Journal of Cellular and Molecular Medicine, 2014, 18, 824-831.	1.6	14
103	Functional genomic fabrics are remodeled in a mouse model of Chagasic cardiomyopathy and restored following cell therapy. Microbes and Infection, 2018, 20, 185-195.	1.0	14
104	Embryonic stem cell-derived cardiomyocytes for the treatment of doxorubicin-induced cardiomyopathy. Stem Cell Research and Therapy, 2018, 9, 30.	2.4	14
105	Integrin alpha-5 subunit is critical for the early stages of human pluripotent stem cell cardiac differentiation. Scientific Reports, 2019, 9, 18077.	1.6	14
106	Cellular cardiomyoplasty in large myocardial infarction: Can the beneficial effect be enhanced by ACE-inhibitor therapy?. European Journal of Heart Failure, 2007, 9, 558-567.	2.9	13
107	Multicenter double blind trial of autologous bone marrow mononuclear cell transplantation through intracoronary injection post acute myocardium infarction â€“ MiHeart/AMI study. Trials, 2008, 9, 41.	0.7	12
108	Modulatory effects of cAMP and PKC activation on gap junctional intercellular communication among thymic epithelial cells. BMC Cell Biology, 2010, 11, 3.	3.0	12

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109	Anti-adrenergic and muscarinic receptor autoantibodies in a canine model of Chagas disease and their modulation by benznidazole. International Journal of Cardiology, 2014, 170, e66-e67.	0.8	12
110	Echocardiographic Measurements in a Preclinical Model of Chronic Chagasic Cardiomyopathy in Dogs: Validation and Reproducibility. Frontiers in Cellular and Infection Microbiology, 2019, 9, 332.	1.8	12
111	Exogenous 10 kDa-Heat Shock Protein Preserves Mitochondrial Function After Hypoxia/Reoxygenation. Frontiers in Pharmacology, 2020, 11, 545.	1.6	12
112	Stem cell therapies in cardiac diseases: Current status and future possibilities. World Journal of Stem Cells, 2021, 13, 1231-1247.	1.3	12
113	An ultrasound and histomorphological analysis of experimental liver cirrhosis in rats. Brazilian Journal of Medical and Biological Research, 2008, 41, 992-999.	0.7	12
114	Gap junctions in the cardiovascular and immune systems. Brazilian Journal of Medical and Biological Research, 2000, 33, 365-368.	0.7	11
115	Acute adenosine increases cardiac vagal and reduces sympathetic efferent nerve activities in rats. Experimental Physiology, 2012, 97, 719-729.	0.9	11
116	Different Signatures of High Cardiorespiratory Capacity Revealed With Metabolomic Profiling in Elite Athletes. International Journal of Sports Physiology and Performance, 2020, 15, 1156-1167.	1.1	11
117	Bone-Marrow-Derived Mesenchymal Stromal Cells (MSC) from Diabetic and Nondiabetic Rats Have Similar Therapeutic Potentials. Arquivos Brasileiros De Cardiologia, 2017, 109, 579-589.	0.3	11
118	PNAUM: integrated approach to Pharmaceutical Services, Science, Technology and Innovation. Revista De Saude Publica, 2016, 50, 3s.	0.7	10
119	Cell therapies for Chagas disease. Cytotherapy, 2017, 19, 1339-1349.	0.3	10
120	Proteomics in the World of Induced Pluripotent Stem Cells. Cells, 2019, 8, 703.	1.8	10
121	Neonatal lupus syndrome: the heart as a target of the immune system. Anais Da Academia Brasileira De Ciencias, 2000, 72, 83-90.	0.3	10
122	One and a half ventricular repair as an alternative for hypoplastic right ventricle. Brazilian Journal of Cardiovascular Surgery, 2010, 25, 466-473.	0.2	9
123	In vivo inhibitory effect of anti-muscarinic autoantibodies on the parasympathetic function in Chagas disease. International Journal of Cardiology, 2010, 145, 339-340.	0.8	9
124	Generation of patient-specific induced pluripotent stem cell lines from one patient with Jervell and Lange-Nielsen syndrome, one with type 1 long QT syndrome and two healthy relatives. Stem Cell Research, 2018, 31, 174-180.	0.3	9
125	Human umbilical cord blood cells in infarcted rats. Brazilian Journal of Medical and Biological Research, 2010, 43, 290-296.	0.7	9
126	Short term regulation of cell-cell communication in TM3 Leydig cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1496, 325-332.	1.9	8

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127	Chagas disease: Impaired vagal modulation has been demonstrated, enhanced parasympathetic activity remains to be proved. International Journal of Cardiology, 2008, 123, 330-332.	0.8	8
128	BKCa Channel Activation Attenuates the Pathophysiological Progression of Monocrotaline-Induced Pulmonary Arterial Hypertension in Wistar Rats. Cardiovascular Drugs and Therapy, 2021, 35, 719-732.	1.3	8
129	Intrathymic Gap Junction-Mediated Communication. Advances in Experimental Medicine and Biology, 1994, 355, 155-158.	0.8	8
130	Cell Therapy in Chagas Disease. Interdisciplinary Perspectives on Infectious Diseases, 2009, 2009, 1-6.	0.6	7
131	Levels of circulating anti-muscarinic and anti-adrenergic antibodies and their effect on cardiac arrhythmias and dysautonomia in murine models of Chagas disease. Parasitology, 2014, 141, 1769-1778.	0.7	7
132	Human Menstrual Blood-Derived Mesenchymal Cells as New Human Feeder Layer System for Human Embryonic Stem Cells. Cell Medicine, 2014, 7, 25-35.	5.0	7
133	Generation of human iPS cell line ihFib3.2 from dermal fibroblasts. Stem Cell Research, 2015, 15, 445-448.	0.3	7
134	Autoantibodies with beta-adrenergic activity from chronic chagasic patients induce cardiac arrhythmias and early afterdepolarization in a drug-induced LQT2 rabbit hearts. International Journal of Cardiology, 2017, 240, 354-359.	0.8	7
135	Hair follicle-derived mesenchymal cells support undifferentiated growth of embryonic stem cells. Experimental and Therapeutic Medicine, 2017, 13, 1779-1788.	0.8	7
136	Paradoxical effect of testosterone supplementation therapy on cardiac ischemia/reperfusion injury in aged rats. Journal of Steroid Biochemistry and Molecular Biology, 2019, 191, 105335.	1.2	7
137	Bone marrow progenitor cells do not contribute to liver fibrogenic cells. World Journal of Hepatology, 2012, 4, 274.	0.8	7
138	Cysteine Proteases in Differentiation of Embryonic Stem Cells into Neural Cells. Stem Cells and Development, 2011, 20, 1859-1872.	1.1	6
139	Global Update: Brazil. Regenerative Medicine, 2012, 7, 144-147.	0.8	6
140	Ventricular Arrhythmias are Related to the Presence of Autoantibodies With Adrenergic Activity in Chronic Chagasic Patients With Preserved Left Ventricular Function. Journal of Cardiac Failure, 2012, 18, 423-431.	0.7	6
141	Optimizing the Decellularized Porcine Liver Scaffold Protocol. Cells Tissues Organs, 2022, , 0-9.	1.3	6
142	Acute Myocardial Infarction Reduces Respiration in Rat Cardiac Fibers, despite Adipose Tissue Mesenchymal Stromal Cell Transplant. Stem Cells International, 2020, 2020, 1-19.	1.2	6
143	In Situ Maturated Early-Stage Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes Improve Cardiac Function by Enhancing Segmental Contraction in Infarcted Rats. Journal of Personalized Medicine, 2021, 11, 374.	1.1	6
144	Enhanced parasympathetic activity in Chagas disease still stands in need of proof. International Journal of Cardiology, 2009, 135, 406-408.	0.8	5

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145	99m-Technetium binding site in bone marrow mononuclear cells. Stem Cell Research and Therapy, 2015, 6, 115.	2.4	5
146	Myosin-binding Protein C Compound Heterozygous Variant Effect on the Phenotypic Expression of Hypertrophic Cardiomyopathy. Arquivos Brasileiros De Cardiologia, 2017, 108, 354-360.	0.3	5
147	Cardiac electrical and contractile disorders promoted by anabolic steroid overdose are associated with late autonomic imbalance and impaired Ca2+ handling. Steroids, 2019, 148, 1-10.	0.8	5
148	Inclusivity and diversity: Integrating international perspectives on stem cell challenges and potential. Stem Cell Reports, 2021, 16, 1847-1852.	2.3	5
149	Cell therapy in dilated cardiomyopathy: from animal models to clinical trials. Brazilian Journal of Medical and Biological Research, 2011, 44, 388-393.	0.7	5
150	Cell-Based Therapy in Chagas Disease. Advances in Parasitology, 2011, 75, 49-63.	1.4	4
151	Expression of ganglioside 9â€O acetyl GD3 in undifferentiated embryonic stem cells. Cell Biology International, 2015, 39, 121-127.	1.4	4
152	Metabolomic profiling suggests systemic signatures of premature aging induced by Hutchinsonâ€"Gilford progeria syndrome. Metabolomics, 2019, 15, 100.	1.4	4
153	<i>MYH7</i> p.Glu903Gln Is a Pathogenic Variant Associated With Hypertrophic Cardiomyopathy. Circulation Genomic and Precision Medicine, 2021, 14, e003476.	1.6	4
154	Pharmacologic properties of P2Z/P2X7receptor characterized in murine dendritic cells: role on the induction of apoptosis. Blood, 2000, 96, 996-1005.	0.6	4
155	Mechanical and energetic effects of chronic chagasic patients' antibodies on rat myocardium. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1239-H1245.	1.5	3
156	Stem Cell-Based Therapies in Chagasic Cardiomyopathy. BioMed Research International, 2015, 2015, 1-5.	0.9	3
157	Therapy with Cardiomyocytes Derived from Pluripotent Cells in Chronic Chagasic Cardiomyopathy. Cells, 2020, 9, 1629.	1.8	3
158	Introduction. Brain Research Reviews, 2000, 32, 1-2.	9.1	2
159	Voltageâ€dependent calcium and chloride currents in S17 bone marrow stromal cell line. Journal of Cellular Physiology, 2010, 223, 244-251.	2.0	2
160	The Einstein-Brazil Fogarty: A decade of synergy. Brazilian Journal of Microbiology, 2015, 46, 945-955.	0.8	2
161	Bone marrow cell migration to the heart in a chimeric mouse model of acute chagasic disease. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 551-560.	0.8	2
162	Expression of potassium channels is relevant for cell survival and migration in a murine bone marrow stromal cell line. Journal of Cellular Physiology, 2019, 234, 18086-18097.	2.0	2

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163	Cell-Based Therapies for Heart Failure. Frontiers in Pharmacology, 2021, 12, 641116.	1.6	2
164	RegulamentaÃ§Ã£o das terapias celulares no Brasil. VigilÃ¢ncia SanitÃ¡ria Em Debate: Sociedade, CiÃªncia & Tecnologia, 2015, .	0.3	2
165	Chapter 28: Gap Junctions Are Specifically Disrupted by Trypanosoma cruzi Infection. Current Topics in Membranes, 1999, , 625-634.	0.5	1
166	Correction: Optimized labeling of bone marrow mesenchymal cells with superparamagnetic iron oxide nanoparticles and in vivo visualization by magnetic resonance imaging. Journal of Nanobiotechnology, 2011, 9, 12.	4.2	1
167	Cardiac Stem Cells. , 2013, , 141-155.		1
168	Covid-19 pandemic, R&D, vaccines, and the urgent need of UBUNTU practice. The Lancet Regional Health Americas, 2021, 1, 100020.	1.5	1
169	Transjunctional Voltage Dependence Of Gap Junction Channels. , 2018, , 97-116.		1
170	Bases da terapia celular em cardiologia. Revista Brasileira De Hematologia E Hemoterapia, 0, 31, 75-81.	0.7	1
171	Turning scar into muscle. World Journal of Cardiology, 2012, 4, 267.	0.5	1
172	Abstract 503: Modeling Premature Cardiac Aging by Induced Pluripotent Stem Cell From a Patient With Hutchinson-Gilford Progeria Syndrome. Circulation Research, 2018, 123, .	2.0	1
173	Bone marrow-derived cell therapy in chagasic cardiac disease: a review of pre-clinical and clinical results. Cardiovascular Diagnosis and Therapy, 2012, 2, 213-9.	0.7	1
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