

Antonio Campos de Carvalho

List of Publications by Year in descending order

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182
papers

6,737
citations

76326

40
h-index

74163

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. <i>Circulation</i> , 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. <i>Circulation</i> , 2004, 110, II-213-II-218.	1.6	310
3	Treatment with Benznidazole during the Chronic Phase of Experimental Chagas' Disease Decreases Cardiac Alterations. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1521-1528.	3.2	220
4	Macrophage-dependent IL-1 β production induces cardiac arrhythmias in diabetic mice. <i>Nature Communications</i> , 2016, 7, 13344.	12.8	203
5	Gap-junctional coupling between neurons and astrocytes in primary central nervous system cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7541-7546.	7.1	158
6	Bone Marrow Multipotent Mesenchymal Stromal Cells Do Not Reduce Fibrosis or Improve Function in a Rat Model of Severe Chronic Liver Injury. <i>Stem Cells</i> , 2008, 26, 1307-1314.	3.2	144
7	Perspectives on <i>Trypanosoma cruzi</i> -Induced Heart Disease (Chagas Disease). <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 524-539.	3.1	138
8	Cellular mechanism of the conduction abnormalities induced by serum from anti-Ro/SSA-positive patients in rabbit hearts. <i>Journal of Clinical Investigation</i> , 1994, 93, 718-724.	8.2	135
9	Gating of gap junction channels. <i>Biophysical Journal</i> , 1984, 45, 219-230.	0.5	131
10	Transplanted Bone Marrow Cells Repair Heart Tissue and Reduce Myocarditis in Chronic Chagasic Mice. <i>American Journal of Pathology</i> , 2004, 164, 441-447.	3.8	103
11	Transcriptional regulation of the murine promoter by cardiac factors Nkx2-5, GATA4 and Tbx5. <i>Cardiovascular Research</i> , 2004, 64, 402-411.	3.8	91
12	Chagas Heart Disease. <i>Cardiology in Review</i> , 2012, 20, 53-65.	1.4	90
13	Cardioprotective Properties of Humoral Factors Released From Rat Hearts Subject to Ischemic Preconditioning. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 49, 214-220.	1.9	87
14	Cardiac autonomic dysfunction in rats chronically treated with anabolic steroid. <i>European Journal of Applied Physiology</i> , 2006, 96, 487-494.	2.5	85
15	Gap junction distribution is altered between cardiac myocytes infected with <i>Trypanosoma cruzi</i> . <i>Circulation Research</i> , 1992, 70, 733-742.	4.5	80
16	Sera From Chronic Chagasic Patients With Complex Cardiac Arrhythmias Depress Electrogenesis and Conduction in Isolated Rabbit Hearts. <i>Circulation</i> , 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. <i>Journal of Nanobiotechnology</i> , 2011, 9, 4.	9.1	77
18	Bone marrow stromal cells improve cardiac performance in healed infarcted rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H464-H470.	3.2	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. <i>Cell Cycle</i> , 2011, 10, 1448-1455.	2.6	68
20	Tracking stem cells with superparamagnetic iron oxide nanoparticles: perspectives and considerations. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 779-793.	6.7	65
21	Gene Expression Changes Associated with Myocarditis and Fibrosis in Hearts of Mice with Chronic Chagasic Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2010, 202, 416-426.	4.0	64
22	Pharmacologic properties of P2Z/P2X7 receptor characterized in murine dendritic cells: role on the induction of apoptosis. <i>Blood</i> , 2000, 96, 996-1005.	1.4	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	1.6	63
24	Adipose-Derived Stem-Cell Treatment of Skeletal Muscle Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 609-617.	3.0	63
25	Functional gap junctions in thymic epithelial cells are formed by connexin 43. <i>European Journal of Immunology</i> , 1995, 25, 431-437.	2.9	62
26	Chronic treatment with anabolic steroids induces ventricular repolarization disturbances: Cellular, ionic and molecular mechanism. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 165-175.	1.9	62
27	Bone Marrow Cell Therapy Ameliorates and Reverses Chagasic Cardiomyopathy in a Mouse Model. <i>Journal of Infectious Diseases</i> , 2008, 197, 544-547.	4.0	58
28	Conduction Defects and Arrhythmias in Chagas' Disease:.. <i>Journal of Cardiovascular Electrophysiology</i> , 1994, 5, 686-698.	1.7	56
29	Multicentre, randomized, double-blind trial of intracoronary autologous mononuclear bone marrow cell injection in non- <i>ischaemic dilated cardiomyopathy (the dilated cardiomyopathy arm of the) Tj ETQq1 1 0.784314 rgBT /Overlock 1.6 54</i>	1.6	54
30	Functionally active cardiac antibodies in chronic Chagas' disease are specifically blocked by <i>Trypanosoma cruzi</i> antigens. <i>FASEB Journal</i> , 1998, 12, 1551-1558.	0.5	54
31	Nandrolone decanoate impairs exercise-induced cardioprotection: Role of antioxidant enzymes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 99, 223-230.	2.5	53
32	Bone marrow mononuclear cell therapy for patients with cirrhosis: a Phase 1 study. <i>Liver International</i> , 2011, 31, 391-400.	3.9	53
33	Modulation of intercellular communication in macrophages: possible interactions between GAP junctions and P2 receptors. <i>Journal of Cell Science</i> , 2004, 117, 4717-4726.	2.0	49
34	Early occurrence of anti-muscarinic autoantibodies and abnormal vagal modulation in Chagas disease. <i>International Journal of Cardiology</i> , 2007, 117, 59-63.	1.7	49
35	M ulticenter randomi zed trial of cell the rapy in car diopat hies â€“ MiHeart Study. <i>Trials</i> , 2007, 8, 2.	1.6	47
36	Mesenchymal Bone Marrow Cell Therapy in a Mouse Model of Chagas Disease. Where Do the Cells Go?. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1971.	3.0	43

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37	Cardiac effects of oxytocin: Is there a role for this peptide in cardiovascular homeostasis?. <i>Regulatory Peptides</i> , 2005, 132, 107-112.	1.9	42
38	Transcriptomic alterations in <i>Trypanosoma cruzi</i> -infected cardiac myocytes. <i>Microbes and Infection</i> , 2009, 11, 1140-1149.	1.9	42
39	Labeling Stem Cells with Superparamagnetic Iron Oxide Nanoparticles: Analysis of the Labeling Efficacy by Microscopy and Magnetic Resonance Imaging. <i>Methods in Molecular Biology</i> , 2012, 906, 239-252.	0.9	41
40	Voltage-dependent gap junction channels are formed by connexin32, the major gap junction protein of rat liver. <i>Biophysical Journal</i> , 1991, 59, 920-925.	0.5	40
41	Sustained IGF-1 Secretion by Adipose-Derived Stem Cells Improves Infarcted Heart Function. <i>Cell Transplantation</i> , 2016, 25, 1609-1622.	2.5	39
42	Gap junction disappearance in astrocytes and leptomeningeal cells as a consequence of protozoan infection. <i>Brain Research</i> , 1998, 790, 304-314.	2.2	38
43	Gap junction-mediated loops of neuronal-glia interactions. <i>Glia</i> , 1998, 24, 97-107.	4.9	38
44	Bone Marrow Cell Transplant does Not Prevent or Reverse Murine Liver Cirrhosis. <i>Cell Transplantation</i> , 2008, 17, 943-953.	2.5	38
45	Chemical Induction of Cardiac Differentiation in P19 Embryonal Carcinoma Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 403-412.	2.1	38
46	Human chagasic IgGs bind to cardiac muscarinic receptors and impair L-type Ca currents. <i>Cardiovascular Research</i> , 2003, 58, 55-65.	3.8	37
47	A novel form of cellular communication among thymic epithelial cells: intercellular calcium wave propagation. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C1304-C1313.	4.6	37
48	Modulation of gap junction mediated intercellular communication in TM3 Leydig cells. <i>Journal of Endocrinology</i> , 2003, 177, 327-335.	2.6	36
49	Gap junctions: a novel route for direct cell-cell communication in the immune system?. <i>Trends in Immunology</i> , 1998, 19, 269-275.	7.5	35
50	<i>Rhodnius prolixus</i> Malpighian tubule's aquaporin expression is modulated by 5-hydroxytryptamine. <i>Archives of Insect Biochemistry and Physiology</i> , 2004, 57, 133-141.	1.5	34
51	Heart regeneration: Past, present and future. <i>World Journal of Cardiology</i> , 2010, 2, 107.	1.5	34
52	Human antibodies with muscarinic activity modulate ventricular repolarization: Basis for electrical disturbance. <i>International Journal of Cardiology</i> , 2007, 115, 373-380.	1.7	33
53	G-CSF does not improve systolic function in a rat model of acute myocardial infarction. <i>Basic Research in Cardiology</i> , 2006, 101, 494-501.	5.9	32
54	Stem cell therapy in ST-segment elevation myocardial infarction with reduced ejection fraction: A multicenter, double-blind randomized trial. <i>Clinical Cardiology</i> , 2018, 41, 392-399.	1.8	32

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55	Properties of Chicken Lens MIP Channels Reconstituted into Planar Lipid Bilayers. <i>Journal of Membrane Biology</i> , 1996, 154, 239-249.	2.1	31
56	Molecular imaging, biodistribution and efficacy of mesenchymal bone marrow cell therapy in a mouse model of Chagas disease. <i>Microbes and Infection</i> , 2014, 16, 923-935.	1.9	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. <i>Lupus</i> , 1998, 7, 141-147.	1.6	30
58	Sera from chronic chagasic patients depress cardiac electrogenesis and conduction. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 439-446.	1.5	30
59	Ageing-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 39-50.	2.5	30
60	DNA immunizations with M muscarinic and β adrenergic receptor coding plasmids impair cardiac function in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 38, 703-714.	1.9	29
61	Alterations in myocardial gene expression associated with experimental <i>Trypanosoma cruzi</i> infection. <i>Genomics</i> , 2008, 91, 423-432.	2.9	29
62	Human Menstrual Blood-Derived Mesenchymal Cells as a Cell Source of Rapid and Efficient Nuclear Reprogramming. <i>Cell Transplantation</i> , 2012, 21, 2215-2224.	2.5	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. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 125-135.	2.6	29
64	Cardiosphere-derived cells do not improve cardiac function in rats with cardiac failure. <i>Stem Cell Research and Therapy</i> , 2017, 8, 36.	5.5	29
65	pH Dependence of transmission at electronic synapses of the crayfish septate axon. <i>Brain Research</i> , 1984, 321, 279-286.	2.2	28
66	Production of transgenic goat (<i>Capra hircus</i>) with human Granulocyte Colony Stimulating Factor (hG-CSF) gene in Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 585-592.	0.8	28
67	Ultrasound imaging in an experimental model of fatty liver disease and cirrhosis in rats. <i>BMC Veterinary Research</i> , 2010, 6, 6.	1.9	28
68	Bone Marrow Mesenchymal Cells Improve Muscle Function in a Skeletal Muscle Re-Injury Model. <i>PLoS ONE</i> , 2015, 10, e0127561.	2.5	27
69	Substituted benzyl acetates: a new class of compounds that reduce gap junctional conductance by cytoplasmic acidification.. <i>Journal of Cell Biology</i> , 1984, 99, 174-179.	5.2	26
70	Characterization of P2Z purinergic receptors on phagocytic cells of the thymic reticulum in culture. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1280, 217-222.	2.6	26
71	Biodistribution of bone marrow mononuclear cells in chronic chagasic cardiomyopathy after intracoronary injection. <i>International Journal of Cardiology</i> , 2011, 149, 310-314.	1.7	26
72	Adipose Tissue-Derived Mesenchymal Stromal Cells Protect Mice Infected with <i>Trypanosoma cruzi</i> from Cardiac Damage through Modulation of Anti-parasite Immunity. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003945.	3.0	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. <i>Europace</i> , 2008, 10, 868-876.	1.7	25
74	A safety and feasibility study of cell therapy in dilated cardiomyopathy. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 989-995.	1.5	25
75	Gap Junctions and Chagas Disease. <i>Advances in Parasitology</i> , 2011, 76, 63-81.	3.2	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. <i>Stem Cell Research and Therapy</i> , 2014, 5, 102.	5.5	25
77	Mast Cell Coupling to the Kallikrein-Kinin System Fuels Intracardiac Parasitism and Worsens Heart Pathology in Experimental Chagas Disease. <i>Frontiers in Immunology</i> , 2017, 8, 840.	4.8	25
78	R534C mutation in hERG causes a trafficking defect in iPSC-derived cardiomyocytes from patients with type 2 long QT syndrome. <i>Scientific Reports</i> , 2019, 9, 19203.	3.3	24
79	Tissue-engineered human embryonic stem cell-containing cardiac patches: evaluating recellularization of decellularized matrix. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142092148.	5.5	24
80	Connexin40 Messenger Ribonucleic Acid Is Positively Regulated by Thyroid Hormone (TH) Acting in Cardiac Atria via the TH Receptor. <i>Endocrinology</i> , 2009, 150, 546-554.	2.8	23
81	Characterization of connexin 30.3 and 43 in thymocytes. <i>Immunology Letters</i> , 2004, 94, 65-75.	2.5	22
82	Autoantibodies Enhance Agonist Action and Binding to Cardiac Muscarinic Receptors in Chronic Chagas' Disease. <i>Journal of Receptor and Signal Transduction Research</i> , 2008, 28, 375-401.	2.5	22
83	Sera from patients with idiopathic dilated cardiomyopathy decrease I _{Ca} in cardiomyocytes isolated from rabbits. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1928-H1936.	3.2	21
84	Time course of echocardiographic and electrocardiographic parameters in myocardial infarct in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 639-648.	0.8	21
85	Granulocyte-colony Stimulating Factor Treatment of Chronic Myocardial Infarction. <i>Cardiovascular Drugs and Therapy</i> , 2010, 24, 121-130.	2.6	21
86	Cardiac gene expression and systemic cytokine profile are complementary in a murine model of post-ischemic heart failure. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 377-389.	1.5	21
87	Soluble Factors from Multipotent Mesenchymal Stromal Cells have Antinecrotic Effect on Cardiomyocytes in Vitro and Improve Cardiac Function in Infarcted Rat Hearts. <i>Cell Transplantation</i> , 2012, 21, 1011-1021.	2.5	21
88	Is the mammalian porin channel, VDAC, a perfect cylinder in the high conductance state?. <i>FEBS Letters</i> , 1997, 416, 187-189.	2.8	20
89	Gap junctions in hematopoietic stroma control proliferation and differentiation of blood cell precursors. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 743-756.	0.8	20
90	Functional and Transcriptomic Recovery of Infarcted Mouse Myocardium Treated with Bone Marrow Mononuclear Cells. <i>Stem Cell Reviews and Reports</i> , 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 <i>Trypanosoma cruzi</i> infection. <i>Parasitology</i> , 2006, 133, 729.	1.5	19
92	Cellular therapy in Chagas's™ disease: potential applications in patients with chronic cardiomyopathy. <i>Regenerative Medicine</i> , 2007, 2, 257-264.	1.7	19
93	Envolvimento de auto-anticorpos na fisiopatologia da Doença de Chagas. <i>Arquivos Brasileiros De Cardiologia</i> , 2008, 91, 281-286.	0.8	18
94	Nervous system diseases involving gap junctions. <i>Brain Research Reviews</i> , 2000, 32, 189-191.	9.0	17
95	Adipose-Derived Stromal Cell Therapy Improves Cardiac Function after Coronary Occlusion in Rats. <i>Cell Transplantation</i> , 2012, 21, 1985-1996.	2.5	16
96	Ectopic Ossification in the Scar Tissue of Rats with Myocardial Infarction. <i>Cell Transplantation</i> , 2006, 15, 389-397.	2.5	15
97	Bone marrow mesenchymal stromal cells rescue cardiac function in streptozotocin-induced diabetic rats. <i>International Journal of Cardiology</i> , 2014, 171, 199-208.	1.7	15
98	New Cardiomyokine Reduces Myocardial Ischemia/Reperfusion Injury by PI3K/AKT Pathway Via a Putative KDEL Receptor Binding. <i>Journal of the American Heart Association</i> , 2021, 10, e019685.	3.7	15
99	Connexin expression and gap-junction-mediated cell interactions in an in vitro model of haemopoietic stroma. <i>Cell and Tissue Research</i> , 2004, 316, 65-76.	2.9	14
100	Correlation between conformation and antibody binding: NMR structure of cross-reactive peptides from <i>T. cruzi</i> , human and <i>L. braziliensis</i> . <i>FEBS Letters</i> , 2004, 560, 134-140.	2.8	14
101	Bone marrow cells obtained from cirrhotic rats do not improve function or reduce fibrosis in a chronic liver disease model. <i>Clinical Transplantation</i> , 2011, 25, 54-60.	1.6	14
102	Reprogramming to a pluripotent state modifies mesenchymal stem cell resistance to oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 824-831.	3.6	14
103	Functional genomic fabrics are remodeled in a mouse model of Chagasic cardiomyopathy and restored following cell therapy. <i>Microbes and Infection</i> , 2018, 20, 185-195.	1.9	14
104	Embryonic stem cell-derived cardiomyocytes for the treatment of doxorubicin-induced cardiomyopathy. <i>Stem Cell Research and Therapy</i> , 2018, 9, 30.	5.5	14
105	Integrin alpha-5 subunit is critical for the early stages of human pluripotent stem cell cardiac differentiation. <i>Scientific Reports</i> , 2019, 9, 18077.	3.3	14
106	Cellular cardiomyoplasty in large myocardial infarction: Can the beneficial effect be enhanced by ACE-inhibitor therapy?. <i>European Journal of Heart Failure</i> , 2007, 9, 558-567.	7.1	13
107	Multicenter double blind trial of autologous bone marrow mononuclear cell transplantation through intracoronary injection post acute myocardium infarction – MiHeart/AMI study. <i>Trials</i> , 2008, 9, 41.	1.6	12
108	Modulatory effects of cAMP and PKC activation on gap junctional intercellular communication among thymic epithelial cells. <i>BMC Cell Biology</i> , 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. <i>International Journal of Cardiology</i> , 2014, 170, e66-e67.	1.7	12
110	Echocardiographic Measurements in a Preclinical Model of Chronic Chagasic Cardiomyopathy in Dogs: Validation and Reproducibility. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 332.	3.9	12
111	Exogenous 10 kDa-Heat Shock Protein Preserves Mitochondrial Function After Hypoxia/Reoxygenation. <i>Frontiers in Pharmacology</i> , 2020, 11, 545.	3.5	12
112	Stem cell therapies in cardiac diseases: Current status and future possibilities. <i>World Journal of Stem Cells</i> , 2021, 13, 1231-1247.	2.8	12
113	An ultrasound and histomorphological analysis of experimental liver cirrhosis in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 992-999.	1.5	12
114	Gap junctions in the cardiovascular and immune systems. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 365-368.	1.5	11
115	Acute adenosine increases cardiac vagal and reduces sympathetic efferent nerve activities in rats. <i>Experimental Physiology</i> , 2012, 97, 719-729.	2.0	11
116	Different Signatures of High Cardiorespiratory Capacity Revealed With Metabolomic Profiling in Elite Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1156-1167.	2.3	11
117	Bone-Marrow-Derived Mesenchymal Stromal Cells (MSC) from Diabetic and Nondiabetic Rats Have Similar Therapeutic Potentials. <i>Arquivos Brasileiros De Cardiologia</i> , 2017, 109, 579-589.	0.8	11
118	PNAUM: integrated approach to Pharmaceutical Services, Science, Technology and Innovation. <i>Revista De Saude Publica</i> , 2016, 50, 3s.	1.7	10
119	Cell therapies for Chagas disease. <i>Cytotherapy</i> , 2017, 19, 1339-1349.	0.7	10
120	Proteomics in the World of Induced Pluripotent Stem Cells. <i>Cells</i> , 2019, 8, 703.	4.1	10
121	Neonatal lupus syndrome: the heart as a target of the immune system. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 83-90.	0.8	10
122	One and a half ventricular repair as an alternative for hypoplastic right ventricle. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2010, 25, 466-473.	0.6	9
123	In vivo inhibitory effect of anti-muscarinic autoantibodies on the parasympathetic function in Chagas disease. <i>International Journal of Cardiology</i> , 2010, 145, 339-340.	1.7	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. <i>Stem Cell Research</i> , 2018, 31, 174-180.	0.7	9
125	Human umbilical cord blood cells in infarcted rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 290-296.	1.5	9
126	Short term regulation of cell-cell communication in TM3 Leydig cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2000, 1496, 325-332.	4.1	8

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127	Chagas disease: Impaired vagal modulation has been demonstrated, enhanced parasympathetic activity remains to be proved. <i>International Journal of Cardiology</i> , 2008, 123, 330-332.	1.7	8
128	BKCa Channel Activation Attenuates the Pathophysiological Progression of Monocrotaline-Induced Pulmonary Arterial Hypertension in Wistar Rats. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 719-732.	2.6	8
129	Intrathymic Gap Junction-Mediated Communication. <i>Advances in Experimental Medicine and Biology</i> , 1994, 355, 155-158.	1.6	8
130	Cell Therapy in Chagas Disease. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2009, 2009, 1-6.	1.4	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. <i>Parasitology</i> , 2014, 141, 1769-1778.	1.5	7
132	Human Menstrual Blood-Derived Mesenchymal Cells as New Human Feeder Layer System for Human Embryonic Stem Cells. <i>Cell Medicine</i> , 2014, 7, 25-35.	5.0	7
133	Generation of human iPS cell line ihFib3.2 from dermal fibroblasts. <i>Stem Cell Research</i> , 2015, 15, 445-448.	0.7	7
134	Autoantibodies with beta-adrenergic activity from chronic chagasic patients induce cardiac arrhythmias and early afterdepolarization in a drug-induced LQT2 rabbit hearts. <i>International Journal of Cardiology</i> , 2017, 240, 354-359.	1.7	7
135	Hair follicle-derived mesenchymal cells support undifferentiated growth of embryonic stem cells. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1779-1788.	1.8	7
136	Paradoxical effect of testosterone supplementation therapy on cardiac ischemia/reperfusion injury in aged rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 191, 105335.	2.5	7
137	Bone marrow progenitor cells do not contribute to liver fibrogenic cells. <i>World Journal of Hepatology</i> , 2012, 4, 274.	2.0	7
138	Cysteine Proteases in Differentiation of Embryonic Stem Cells into Neural Cells. <i>Stem Cells and Development</i> , 2011, 20, 1859-1872.	2.1	6
139	Global Update: Brazil. <i>Regenerative Medicine</i> , 2012, 7, 144-147.	1.7	6
140	Ventricular Arrhythmias are Related to the Presence of Autoantibodies With Adrenergic Activity in Chronic Chagasic Patients With Preserved Left Ventricular Function. <i>Journal of Cardiac Failure</i> , 2012, 18, 423-431.	1.7	6
141	Optimizing the Decellularized Porcine Liver Scaffold Protocol. <i>Cells Tissues Organs</i> , 2022, , 0-9.	2.3	6
142	Acute Myocardial Infarction Reduces Respiration in Rat Cardiac Fibers, despite Adipose Tissue Mesenchymal Stromal Cell Transplant. <i>Stem Cells International</i> , 2020, 2020, 1-19.	2.5	6
143	In Situ Maturated Early-Stage Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes Improve Cardiac Function by Enhancing Segmental Contraction in Infarcted Rats. <i>Journal of Personalized Medicine</i> , 2021, 11, 374.	2.5	6
144	Enhanced parasympathetic activity in Chagas disease still stands in need of proof. <i>International Journal of Cardiology</i> , 2009, 135, 406-408.	1.7	5

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145	99m-Techneium binding site in bone marrow mononuclear cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 115.	5.5	5
146	Myosin-binding Protein C Compound Heterozygous Variant Effect on the Phenotypic Expression of Hypertrophic Cardiomyopathy. <i>Arquivos Brasileiros De Cardiologia</i> , 2017, 108, 354-360.	0.8	5
147	Cardiac electrical and contractile disorders promoted by anabolic steroid overdose are associated with late autonomic imbalance and impaired Ca ²⁺ handling. <i>Steroids</i> , 2019, 148, 1-10.	1.8	5
148	Inclusivity and diversity: Integrating international perspectives on stem cell challenges and potential. <i>Stem Cell Reports</i> , 2021, 16, 1847-1852.	4.8	5
149	Cell therapy in dilated cardiomyopathy: from animal models to clinical trials. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 388-393.	1.5	5
150	Cell-Based Therapy in Chagas Disease. <i>Advances in Parasitology</i> , 2011, 75, 49-63.	3.2	4
151	Expression of ganglioside 9 α acetyl GD3 in undifferentiated embryonic stem cells. <i>Cell Biology International</i> , 2015, 39, 121-127.	3.0	4
152	Metabolomic profiling suggests systemic signatures of premature aging induced by Hutchinson α Gilford progeria syndrome. <i>Metabolomics</i> , 2019, 15, 100.	3.0	4
153	<i>MYH7</i> p.Glu903Gln Is a Pathogenic Variant Associated With Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003476.	3.6	4
154	Pharmacologic properties of P2Z/P2X7receptor characterized in murine dendritic cells: role on the induction of apoptosis. <i>Blood</i> , 2000, 96, 996-1005.	1.4	4
155	Mechanical and energetic effects of chronic chagasic patients' antibodies on rat myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1239-H1245.	3.2	3
156	Stem Cell-Based Therapies in Chagasic Cardiomyopathy. <i>BioMed Research International</i> , 2015, 2015, 1-5.	1.9	3
157	Therapy with Cardiomyocytes Derived from Pluripotent Cells in Chronic Chagasic Cardiomyopathy. <i>Cells</i> , 2020, 9, 1629.	4.1	3
158	Introduction. <i>Brain Research Reviews</i> , 2000, 32, 1-2.	9.0	2
159	Voltage α dependent calcium and chloride currents in S17 bone marrow stromal cell line. <i>Journal of Cellular Physiology</i> , 2010, 223, 244-251.	4.1	2
160	The Einstein-Brazil Fogarty: A decade of synergy. <i>Brazilian Journal of Microbiology</i> , 2015, 46, 945-955.	2.0	2
161	Bone marrow cell migration to the heart in a chimeric mouse model of acute chagasic disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 551-560.	1.6	2
162	Expression of potassium channels is relevant for cell survival and migration in a murine bone marrow stromal cell line. <i>Journal of Cellular Physiology</i> , 2019, 234, 18086-18097.	4.1	2

#	ARTICLE	IF	CITATIONS
163	Cell-Based Therapies for Heart Failure. <i>Frontiers in Pharmacology</i> , 2021, 12, 641116.	3.5	2
164	Regulamenta�o das terapias celulares no Brasil. <i>Vigil�ncia Sanit�ria Em Debate: Sociedade, Ci�ncia & Tecnologia</i> , 2015, .	0.1	2
165	Chapter 28: Gap Junctions Are Specifically Disrupted by <i>Trypanosoma cruzi</i> Infection. <i>Current Topics in Membranes</i> , 1999, , 625-634.	0.9	1
166	Correction: Optimized labeling of bone marrow mesenchymal cells with superparamagnetic iron oxide nanoparticles and in vivo visualization by magnetic resonance imaging. <i>Journal of Nanobiotechnology</i> , 2011, 9, 12.	9.1	1
167	Cardiac Stem Cells. , 2013, , 141-155.		1
168	Covid-19 pandemic, R&D, vaccines, and the urgent need of UBUNTU practice. <i>The Lancet Regional Health Americas</i> , 2021, 1, 100020.	2.6	1
169	Transjunctional Voltage Dependence Of Gap Junction Channels. , 2018, , 97-116.		1
170	Bases da terapia celular em cardiologia. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 0, 31, 75-81.	0.7	1
171	Turning scar into muscle. <i>World Journal of Cardiology</i> , 2012, 4, 267.	1.5	1
172	Abstract 503: Modeling Premature Cardiac Aging by Induced Pluripotent Stem Cell From a Patient With Hutchinson-Gilford Progeria Syndrome. <i>Circulation Research</i> , 2018, 123, .	4.5	1
173	Bone marrow-derived cell therapy in chagasic cardiac disease: a review of pre-clinical and clinical results. <i>Cardiovascular Diagnosis and Therapy</i> , 2012, 2, 213-9.	1.7	1
174	Ryanodine does not affect the potassium channel from the sarcoplasmic reticulum of skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 1137-1143.	2.1	0
175	David Spray and science in Brazil. <i>Brain Research Reviews</i> , 2000, 32, 9-10.	9.0	0
176	428 BONE MARROW MONONUCLEAR CELLS THERAPY IMPROVES LIVER PERFUSION IN CIRRHOTIC PATIENTS. <i>Journal of Hepatology</i> , 2012, 56, S170.	3.7	0
177	Functional properties of a Brazilian derived mouse embryonic stem cell line. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 275-288.	0.8	0
178	The evolution of Brazilian Health Sciences and the present situation. <i>The Lancet Regional Health Americas</i> , 2021, 3, 100044.	2.6	0
179	Abstract 014: Bone Marrow Mesenchymal Stromal Cells Rescue Cardiac Function In Streptozotocin-induced Diabetic Rats. <i>Circulation Research</i> , 2013, 113, .	4.5	0
180	Abstract 16165: Embryonic Stem Cell-derived Cardiomyocytes Increase Viable Myocardium but Do Not Improve Function in a Mouse Model of Chagasic Cardiomyopathy. <i>Circulation</i> , 2015, 132, .	1.6	0

#	ARTICLE	IF	CITATIONS
181	Abstract 209: iPSC Derived Cardiomyocytes Reproduce Divergent Phenotypes Caused by a LQTS Type-1 Likely Pathogenic Mutation. Circulation Research, 2019, 125, .	4.5	0
182	Empagliflozin Reduces Arrhythmic Events and Improves Ca ²⁺ Transient in Hypoxia-Induced Injury Rat Cardiomyocytes. FASEB Journal, 2020, 34, 1-1.	0.5	0