

Alexandra Cristina Senegaglia

List of Publications by Year in descending order

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57
papers

1,160
citations

471509

17
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414414

32
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62
all docs

62
docs citations

62
times ranked

1619
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissimilar Differentiation of Mesenchymal Stem Cells from Bone Marrow, Umbilical Cord Blood, and Adipose Tissue. <i>Experimental Biology and Medicine</i> , 2008, 233, 901-913.	2.4	357
2	Simultaneous Autologous Transplantation of Cocultured Mesenchymal Stem Cells and Skeletal Myoblasts Improves Ventricular Function in a Murine Model of Chagas Disease. <i>Circulation</i> , 2006, 114, 1-120-1-124.	1.6	65
3	The Protein Content of Extracellular Vesicles Derived from Expanded Human Umbilical Cord Blood-Derived CD133+ and Human Bone Marrow-Derived Mesenchymal Stem Cells Partially Explains Why both Sources are Advantageous for Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 244-257.	5.6	52
4	Influence of Adipose Tissue-Derived Stem Cells on the Burn Wound Healing Process. <i>Stem Cells International</i> , 2019, 2019, 1-10.	2.5	40
5	Are purified or expanded cord blood-derived CD133 ⁺ cells better at improving cardiac function?. <i>Experimental Biology and Medicine</i> , 2010, 235, 119-129.	2.4	38
6	Genetic evaluation of mesenchymal stem cells by G-banded karyotyping in a Cell Technology Center. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2014, 36, 202-207.	0.7	38
7	The epigenetic modifiers 5-aza-2'-deoxycytidine and trichostatin A influence adipocyte differentiation in human mesenchymal stem cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 405-416.	1.5	34
8	Safety and long-term improvement of mesenchymal stromal cell infusion in critically COVID-19 patients: a randomized clinical trial. <i>Stem Cell Research and Therapy</i> , 2022, 13, 122.	5.5	29
9	Cell transplantation: Differential effects of myoblasts and mesenchymal stem cells. <i>International Journal of Cardiology</i> , 2006, 111, 423-429.	1.7	28
10	Cell Transplantation After The Coculture of Skeletal Myoblasts and Mesenchymal Stem Cells in the Regeneration of the Myocardium Scar: An Experimental Study in Rats. <i>Transplantation Proceedings</i> , 2006, 38, 1596-1602.	0.6	27
11	Expanded endothelial progenitor cells mitigate lung injury in septic mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 230.	5.5	24
12	Intratracheal therapy with autologous bone marrow-derived mononuclear cells reduces airway inflammation in horses with recurrent airway obstruction. <i>Respiratory Physiology and Neurobiology</i> , 2016, 232, 35-42.	1.6	24
13	Allogenic Adipose Tissue-Derived Stromal/Stem Cells and Vitamin D Supplementation in Patients With Recent-Onset Type 1 Diabetes Mellitus: A 3-Month Follow-Up Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 993.	4.8	23
14	Transplantation of SNAP-treated adipose tissue-derived stem cells improves cardiac function and induces neovascularization after myocardium infarct in rats. <i>Experimental and Molecular Pathology</i> , 2011, 90, 149-156.	2.1	22
15	Expression of cardiac function genes in adult stem cells is increased by treatment with nitric oxide agents. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 456-461.	2.1	20
16	Cytomegalovirus-specific CD8 ⁺ T cells targeting different HLA/peptide combinations correlate with protection but at different threshold frequencies. <i>British Journal of Haematology</i> , 2010, 148, 311-322.	2.5	20
17	Could the coculture of skeletal myoblasts and mesenchymal stem cells be a solution for postinfarction myocardial scar?. <i>Transplantation Proceedings</i> , 2004, 36, 991-992.	0.6	18
18	A comparação entre o transplante de células tronco mononucleares e mesenquimais no infarto do miocárdio. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2005, 20, 270-278.	0.6	15

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19	Tissue-Derived Signals for Mesenchymal Stem Cell Stimulation: Role of Cardiac and Umbilical Cord Microenvironments. <i>Cells Tissues Organs</i> , 2017, 203, 173-182.	2.3	15
20	Infusion of Mesenchymal Stem Cells to Treat Graft Versus Host Disease: the Role of HLA-G and the Impact of its Polymorphisms. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 459-471.	3.8	15
21	Combined Use of Tocilizumab and Mesenchymal Stromal Cells in the Treatment of Severe Covid-19: Case Report. <i>Cell Transplantation</i> , 2021, 30, 096368972110210.	2.5	14
22	Dental Pulp from Human Exfoliated Deciduous Teeth-derived Stromal Cells Demonstrated Neuronal Potential: In Vivo and In Vitro Studies. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 495-506.	1.3	13
23	Brazilian minipig as a large-animal model for basic research and stem cell-based tissue engineering. Characterization and in vitro differentiation of bone marrow-derived mesenchymal stem cells. <i>Journal of Applied Oral Science</i> , 2014, 22, 218-227.	1.8	13
24	Emergence of clonal chromosomal alterations during the mesenchymal stromal cell cultivation. <i>Molecular Cytogenetics</i> , 2015, 8, 94.	0.9	12
25	Human adipose-derived stem cells (ADSC) and human periodontal ligament stem cells (PDLSC) as cellular substrates of a toxicity prediction assay. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 75-82.	2.7	12
26	Comparison of the Efficacy of Surgical Decompression Alone and Combined With Canine Adipose Tissue-Derived Stem Cell Transplantation in Dogs With Acute Thoracolumbar Disk Disease and Spinal Cord Injury. <i>Frontiers in Veterinary Science</i> , 2019, 6, 383.	2.2	12
27	Direct intracardiac injection of umbilical cord-derived stromal cells and umbilical cord blood-derived endothelial cells for the treatment of ischemic cardiomyopathy. <i>Experimental Biology and Medicine</i> , 2015, 240, 969-978.	2.4	11
28	Formação in vitro de túbulos capilares a partir de células de sangue de cordão umbilical humano com perspectivas para aplicação terapêutica. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2008, 23, 467-473.	0.6	10
29	Temporomandibular joint regeneration: proposal of a novel treatment for condylar resorption after orthognathic surgery using transplantation of autologous nasal septum chondrocytes, and the first human case report. <i>Stem Cell Research and Therapy</i> , 2018, 9, 94.	5.5	10
30	Adipose tissue-derived stromal/stem cells + cholecalciferol: a pilot study in recent-onset type 1 diabetes patients. <i>Archives of Endocrinology and Metabolism</i> , 2021, 65, 342-351.	0.6	10
31	3D Poly(Lactic Acid) Scaffolds Promote Different Behaviors on Endothelial Progenitors and Adipose-Derived Stromal Cells in Comparison With Standard 2D Cultures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 700862.	4.1	10
32	Polysome Profiling Shows the Identity of Human Adipose-Derived Stromal/Stem Cells in Detail and Clearly Distinguishes Them from Dermal Fibroblasts. <i>Stem Cells and Development</i> , 2014, 23, 2791-2802.	2.1	9
33	The Expression Profile of Dental Pulp-Derived Stromal Cells Supports Their Limited Capacity to Differentiate into Adipogenic Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2753.	4.1	9
34	Treatment of Chronic Kidney Disease with Extracellular Vesicles from Mesenchymal Stem Cells and CD133+ Expanded Cells: A Comparative Preclinical Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2521.	4.1	9
35	O transplante em conjunto de células mioblásticas esqueléticas e mesenquimais (cocultivadas) na disfunção ventricular pós-infarto do miocárdio. <i>Arquivos Brasileiros De Cardiologia</i> , 2004, 83, 288-293.	0.8	8
36	Expanded CD133+ Cells from Human Umbilical Cord Blood Improved Heart Function in Rats after Severe Myocardial Infarction. <i>Stem Cells International</i> , 2018, 2018, 1-11.	2.5	8

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37	Systemic Infusion of Expanded CD133 ⁺ Cells and Expanded CD133 ⁺ Cell-Derived EVs for the Treatment of Ischemic Cardiomyopathy in a Rat Model of AMI. <i>Stem Cells International</i> , 2019, 2019, 1-11.	2.5	8
38	Lung Tissue Damage Associated with Allergic Asthma in BALB/c Mice Could Be Controlled with a Single Injection of Mesenchymal Stem Cells from Human Bone Marrow up to 14 d After Transplantation. <i>Cell Transplantation</i> , 2020, 29, 096368972091325.	2.5	8
39	Transplante celular: análise funcional, imunocitoquímica e histopatológica em modelo experimental de miocardiopatia isquêmica utilizando diferentes células. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2004, 19, 261-266.	0.6	7
40	Collection, processing and freezing of equine bone marrow cells. <i>Cryobiology</i> , 2017, 78, 95-100.	0.7	6
41	Establishing an islet transplantation program in a developing country. <i>Transplantation Proceedings</i> , 2004, 36, 1700-1703.	0.6	5
42	Expansão de células-tronco da medula óssea e do sangue de cordão umbilical humano. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 0, 31, 9-14.	0.7	5
43	Recovery of motricity and micturition after transplantation of mesenchymal stem cells in rats subjected to spinal cord injury. <i>Neuroscience Letters</i> , 2020, 734, 135134.	2.1	5
44	Chromosomal aberrations after induced pluripotent stem cells reprogramming. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200147.	1.3	5
45	Canine dental pulp and umbilical cord-derived mesenchymal stem cells as alternative sources for cell therapy in dogs. <i>Research in Veterinary Science</i> , 2021, 140, 117-124.	1.9	5
46	Effect of Hydroxyapatite Microspheres, Amoxicillin-Hydroxyapatite and Collagen-Hydroxyapatite Composites on Human Dental Pulp-Derived Mesenchymal Stem Cells. <i>Materials</i> , 2021, 14, 7515.	2.9	5
47	Natural Killer Cell Assessment in Peripheral Circulation and Bronchoalveolar Lavage Fluid of Patients with Severe Sepsis: A Case Control Study. <i>International Journal of Molecular Sciences</i> , 2017, 18, 616.	4.1	4
48	Aneural culture of rat myoblasts for myocardial transplant. <i>Transplantation Proceedings</i> , 2004, 36, 1023-1024.	0.6	3
49	Quality control and immunomodulatory potential for clinical-grade equine bone marrow-derived mesenchymal stromal cells and conditioned medium. <i>Research in Veterinary Science</i> , 2020, 132, 407-415.	1.9	3
50	HLA-G and CD152 Expression Levels Encourage the Use of Umbilical Cord Tissue-Derived Mesenchymal Stromal Cells as an Alternative for Immunosuppressive Therapy. <i>Cells</i> , 2022, 11, 1339.	4.1	3
51	CFU-GM Assay Can Be Predictive of Umbilical Cord Blood Engraftment.. <i>Blood</i> , 2006, 108, 5212-5212.	1.4	2
52	Comparison of Two Surgical Techniques for Creating an Acute Myocardial Infarct in Rats. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2014, 29, 505-12.	0.6	2
53	Management of Airway Remodeling in a Mouse Model of Allergic Airways Inflammation Using Extracellular Vesicles from Human Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Brazilian Archives of Biology and Technology</i> , 0, 65, .	0.5	2
54	Autologous Transplantation of Bone Marrow Adult Stem Cells for the Treatment of Idiopathic Dilated Cardiomyopathy. <i>Arquivos Brasileiros De Cardiologia</i> , 2014, 103, 521-9.	0.8	1

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55	Cytotoxicity of fluconazole on canine dental pulp-derived stem cells. Journal of Oral Biology and Craniofacial Research, 2020, 10, 361-368.	1.9	0
56	Mesenchymal Stromal Cells Modulate PAF-stimulated Equine Alveolar Macrophages. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	0
57	183-OR: Allogenic Adipose-Derived Mesenchymal Stem Cells (ASCs) and Vitamin D Supplementation in Patients with Recent-Onset Type 1 Diabetes Mellitus: A 6-Month Follow-Up Pilot Study. Diabetes, 2020, 69, .	0.6	0