Dimas Covas

List of Publications by Year
in descending order

357 papers	8,638 citations	71102 41 h-index	66911 78 g-index
375 all docs	375 docs citations	375 times ranked	12981 citing authors

#	Article	IF	Citations
1	Mechanisms involved in the therapeutic properties of mesenchymal stem cells. Cytokine and Growth Factor Reviews, 2009, 20, 419-427.	7.2	1,241
2	Multipotent mesenchymal stromal cells obtained from diverse human tissues share functional properties and gene-expression profile with CD146+ perivascular cells and fibroblasts. Experimental Hematology, 2008, 36, 642-654.	0.4	541
3	Priming approaches to improve the efficacy of mesenchymal stromal cell-based therapies. Stem Cell Research and Therapy, 2019, 10, 131.	5.5	342
4	Comparison of Gene Expression of Umbilical Cord Vein and Bone Marrowâ€"Derived Mesenchymal Stem Cells. Stem Cells, 2004, 22, 1263-1278.	3.2	295
5	The Profile of Gene Expression of Human Marrow Mesenchymal Stem Cells. Stem Cells, 2003, 21, 661-669.	3.2	265
6	Isolation and culture of umbilical vein mesenchymal stem cells. Brazilian Journal of Medical and Biological Research, 2003, 36, 1179-1183.	1.5	158
7	Human cells: New platform for recombinant therapeutic protein production. Protein Expression and Purification, 2012, 84, 147-153.	1.3	137
8	Mesenchymal stromal cells up-regulate CD39 and increase adenosine production to suppress activated T-lymphocytes. Stem Cell Research, 2011, 7, 66-74.	0.7	120
9	Mesenchymal Stem Cells and Pericytes: To What Extent Are They Related?. Stem Cells and Development, 2016, 25, 1843-1852.	2.1	100
10	SHORT REPORT: BENZNIDAZOLE EFFICACY AMONG TRYPANOSOMA CRUZI-INFECTED ADOLESCENTS AFTER A SIX-YEAR FOLLOW-UP. American Journal of Tropical Medicine and Hygiene, 2004, 71, 594-597.	1.4	97
11	A highly sensitive and specific chemiluminescent enzyme-linked immunosorbent assay for diagnosis of active Trypanosoma cruzi infection. Transfusion, 1997, 37, 850-857.	1.6	87
12	Mesenchymal stromal cell infusion to treat steroid-refractory acute GvHD III/IV after hematopoietic stem cell transplantation. Bone Marrow Transplantation, 2017, 52, 859-862.	2.4	87
13	Sudan Black B treatment reduces autofluorescence and improves resolution of in situ hybridization specific fluorescent signals of brain sections. Histology and Histopathology, 2010, 25, 1017-24.	0.7	81
14	Hematological abnormalities in HIV-infected patients. International Journal of Infectious Diseases, 2011, 15, e808-e811.	3.3	80
15	Autologous hematopoietic SCT normalizes miR-16, -155 and -142-3p expression in multiple sclerosis patients. Bone Marrow Transplantation, 2015, 50, 380-389.	2.4	79
16	Changes in the proteomic profile during differentiation and maturation of human monocyte-derived dendritic cells stimulated with granulocyte macrophage colony stimulating factor/interleukin-4 and lipopolysaccharide. Proteomics, 2005, 5, 1186-1198.	2.2	74
17	Mesenchymal stem cells can be obtained from the human saphena vein. Experimental Cell Research, 2005, 309, 340-344.	2.6	74
18	Immune rebound associates with a favorable clinical response to autologous HSCT in systemic sclerosis patients. Blood Advances, 2018, 2, 126-141.	5.2	71

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19	Acute hemolytic vascular inflammatory processes are prevented by nitric oxide replacement or a single dose of hydroxyurea. Blood, 2015, 126, 711-720.	1.4	66
20	Immunological Balance Is Associated with Clinical Outcome after Autologous Hematopoietic Stem Cell Transplantation in Type 1 Diabetes. Frontiers in Immunology, 2017, 8, 167.	4.8	65
21	Overview of Zika virus (ZIKV) infection in regards to the Brazilian epidemic. Brazilian Journal of Medical and Biological Research, 2016, 49, e5420.	1.5	58
22	Human Retroviruses (HIV and HTLV) in Brazilian Indians: Seroepidemiological Study and Molecular Epidemiology of HTLV Type 2 Isolates. AIDS Research and Human Retroviruses, 2002, 18, 71-77.	1.1	57
23	Histoplasma capsulatum Cell Wall Î²-Glucan Induces Lipid Body Formation through CD18, TLR2, and Dectin-1 Receptors: Correlation with Leukotriene B4 Generation and Role in HIV-1 Infection. Journal of Immunology, 2009, 182, 4025-4035.	0.8	57
24	Stirred tank bioreactor culture combined with serumâ€/xenogeneicâ€free culture medium enables an efficient expansion of umbilical cordâ€derived mesenchymal stem/stromal cells. Biotechnology Journal, 2016, 11, 1048-1059.	3.5	56
25	Growth and functional harvesting of human mesenchymal stromal cells cultured on a microcarrierâ€based system. Biotechnology Progress, 2014, 30, 889-895.	2.6	55
26	Immunological correlates of favorable long-term clinical outcome in multiple sclerosis patients after autologous hematopoietic stem cell transplantation. Clinical Immunology, 2016, 169, 47-57.	3.2	55
27	Technologies for large-scale umbilical cord-derived MSC expansion: Experimental performance and cost of goods analysis. Biochemical Engineering Journal, 2018, 135, 36-48.	3.6	55
28	Emerging patent landscape for non-viral vectors used for gene therapy. Nature Biotechnology, 2020, 38, 151-157.	17.5	53
29	Detection of dengue virus in sera of Brazilian blood donors. Transfusion, 2012, 52, 1667-1671.	1.6	51
30	Liver iron concentration evaluated by two magnetic methods: Magnetic resonance imaging and magnetic susceptometry. Magnetic Resonance in Medicine, 2005, 54, 122-128.	3.0	50
31	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. Cell Transplantation, 2016, 25, 201-215.	2.5	50
32	Dynamic changes of the Th17/Tc17 and regulatory T cell populations interfere in the experimental autoimmune diabetes pathogenesis. Immunobiology, 2013, 218, 338-352.	1.9	49
33	Human hepatic stellate cell line (LX-2) exhibits characteristics of bone marrow-derived mesenchymal stem cells. Experimental and Molecular Pathology, 2011, 91, 664-672.	2.1	48
34	Multipotent mesenchymal stromal cells from patients with newly diagnosed type 1 diabetes mellitus exhibit preserved in vitro and in vivo immunomodulatory properties. Stem Cell Research and Therapy, 2016, 7, 14.	5.5	46
35	Expansion strategies for human mesenchymal stromal cells culture under xenoâ€free conditions. Biotechnology Progress, 2017, 33, 1358-1367.	2.6	46
36	Transmission of Hepatitis C Virus but Not Human Immunodeficiency Virus Type 1 by a Human Bite. Clinical Infectious Diseases, 1994, 19, 546-547.	5.8	45

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37	Human parvovirus B19: general considerations and impact on patients with sickle-cell disease and thalassemia and on blood transfusions. FEMS Immunology and Medical Microbiology, 2011, 62, 247-262.	2.7	44
38	Mesenchymal stem cells promote the sustained expression of CD69 on activated T lymphocytes: roles of canonical and nonâ€canonical NFâ€ºB signalling. Journal of Cellular and Molecular Medicine, 2012, 16, 1232-1244.	3.6	44
39	Bone Marrow Mesenchymal Stromal Cells Isolated from Multiple Sclerosis Patients have Distinct Gene Expression Profile and Decreased Suppressive Function Compared with Healthy Counterparts. Cell Transplantation, 2015, 24, 151-165.	2.5	44
40	Cultured Human Adipose Tissue Pericytes and Mesenchymal Stromal Cells Display a Very Similar Gene Expression Profile. Stem Cells and Development, 2015, 24, 2822-2840.	2.1	44
41	Therapeutic efficacy and biodistribution of allogeneic mesenchymal stem cells delivered by intrasplenic and intrapancreatic routes in streptozotocin-induced diabetic mice. Stem Cell Research and Therapy, 2015, 6, 31.	5.5	43
42	Combining xanthan and chitosan membranes to multipotent mesenchymal stromal cells as bioactive dressings for dermo-epidermal wounds. Journal of Biomaterials Applications, 2015, 29, 1155-1166.	2.4	43
43	Therapeutic leukapheresis in patients with leukostasis secondary to acute myelogenous leukemia. Journal of Clinical Apheresis, 2011, 26, 181-185.	1.3	42
44	Potential roles of micro<scp>RNA</scp>â€29a in the molecular pathophysiology of Tâ€cell acute lymphoblastic leukemia. Cancer Science, 2015, 106, 1264-1277.	3.9	41
45	Proteomic Analysis of Epithelial to Mesenchymal Transition (EMT) Reveals Cross-talk between SNAIL and HDAC1 Proteins in Breast Cancer Cells. Molecular and Cellular Proteomics, 2016, 15, 906-917.	3.8	41
46	Pre-culture in endothelial growth medium enhances the angiogenic properties of adipose-derived stem/stromal cells. Angiogenesis, 2018, 21, 15-22.	7.2	41
47	Effects of hydroxyurea on the membrane of erythrocytes and platelets in sickle cell anemia. Haematologica, 2004, 89, 273-80.	3.5	41
48	Deregulation of apoptosis-related genes is associated with PRV1 overexpression and JAK2 V617F allele burden in Essential Thrombocythemia and Myelofibrosis. Journal of Hematology and Oncology, 2012, 5, 2.	17.0	40
49	Accumulation of functional recombinant human coagulation factor IX in transgenic soybean seeds. Transgenic Research, 2011, 20, 841-855.	2.4	39
50	Cryopreservation of umbilical cord mesenchymal cells in xenofree conditions. Cytotherapy, 2012, 14, 694-700.	0.7	39
51	Clinical and hematological effects of hydroxyurea therapy in sickle cell patients: a single-center experience in Brazil. Sao Paulo Medical Journal, 2013, 131, 238-243.	0.9	39
52	SDF-1 gene polymorphisms and syncytia induction in Brazilian HIV-1 infected individuals. Microbial Pathogenesis, 2003, 35, 31-34.	2.9	38
53	Replacement of the Gamma by the Delta variant in Brazil: Impact of lineage displacement on the ongoing pandemic. Virus Evolution, 2022, 8, veac024.	4.9	37
54	HTLV-1/2 seroprevalence and coinfection rate in Brazilian first-time blood donors: an 11-year follow-up. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2012, 54, 123-130.	1.1	35

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55	ApoptomiRs expression modulated by BCRâ€“ABL is linked to CML progression and imatinib resistance. Blood Cells, Molecules, and Diseases, 2014, 53, 47-55.	1.4	35
56	Therapeutic Efficiency of Multiple Applications of Magnetic Hyperthermia Technique in Glioblastoma Using Aminosilane Coated Iron Oxide Nanoparticles: In Vitro and In Vivo Study. International Journal of Molecular Sciences, 2020, 21, 958.	4.1	35
57	Efficient expansion of mesenchymal stromal cells in a disposable fixed bed culture system. Biotechnology Progress, 2013, 29, 568-572.	2.6	33
58	Endothelial Mesenchymal Transition: Comparative Analysis of Different Induction Methods. Biological Procedures Online, 2016, 18, 10.	2.9	33
59	Homeostatic proliferation leads to telomere attrition and increased PD-1 expression after autologous hematopoietic SCT for systemic sclerosis. Bone Marrow Transplantation, 2018, 53, 1319-1327.	2.4	33
60	Pluripotent Reprogramming of Fibroblasts by Lentiviralmediated Insertion of SOX2, C-MYC, and TCL-1A. Stem Cells and Development, 2011, 20, 169-180.	2.1	32
61	Transient transfection of serum-free suspension HEK 293 cell culture for efficient production of human rFVIII. BMC Biotechnology, 2011, 11, 114.	3.3	32
62	Differential expression of apoptosis-related genes from death receptor pathway in chronic myeloproliferative diseases. Journal of Clinical Pathology, 2011, 64, 75-82.	2.0	32
63	Potential of Osteoblastic Cells Derived from Bone Marrow and Adipose Tissue Associated with a Polymer/Ceramic Composite to Repair Bone Tissue. Calcified Tissue International, 2017, 101, 312-320.	3.1	32
64	TGF-beta/atRA-induced Tregs express a selected set of microRNAs involved in the repression of transcripts related to Th17 differentiation. Scientific Reports, 2017, 7, 3627.	3.3	32
65	A microfluidic approach to study the effect of mechanical stress on erythrocytes in sickle cell disease. Lab on A Chip, 2018, 18, 2975-2984.	6.0	32
66	Nucleocapsid (N) Gene Mutations of SARS-CoV-2 Can Affect Real-Time RT-PCR Diagnostic and Impact False-Negative Results. Viruses, 2021, 13, 2474.	3.3	32
67	Brazilian HTLV Type 2a Strains from Intravenous Drug Users (IDUs) Appear to Have Originated from Two Sources: Brazilian Amerindians and European/North American IDUs. AIDS Research and Human Retroviruses, 2003, 19, 519-523.	1.1	31
68	A Fully-Closed and Automated Hollow Fiber Bioreactor for Clinical-Grade Manufacturing of Human Mesenchymal Stem/Stromal Cells. Stem Cell Reviews and Reports, 2018, 14, 141-143.	5.6	30
69	Effects of high-dose chemotherapy on bone marrow multipotent mesenchymal stromal cells isolated from lymphoma patients. Experimental Hematology, 2010, 38, 292-300.e4.	0.4	29
70	Molecular and phylogenetic analyses of human Parvovirus B19 isolated from Brazilian patients with sickle cell disease and Î²â€thalassemia major and healthy blood donors. Journal of Medical Virology, 2012, 84, 1652-1665.	5.0	29
71	Autologous haematopoietic stem cell transplantation reduces abnormalities in the expression of immune genes in multiple sclerosis. Clinical Science, 2015, 128, 111-120.	4.3	29
72	A quantitative proteomic and transcriptomic comparison of human mesenchymal stem cells from bone marrow and umbilical cord vein. Proteomics, 2012, 12, 2607-2617.	2.2	28

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73	Hydroxyurea Increases Plasma Concentrations of Microparticles and Reduces Coagulation Activation and Fibrinolysis in Patients with Sickle Cell Anemia. Acta Haematologica, 2015, 133, 287-294.	1.4	28
74	Globin Haplotypes of Human T-Cell Lymphotropic Virus Type Iâ€“Infected Individuals in Salvador, Bahia, Brazil, Suggest a Post-Columbian African Origin of This Virus. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 33, 536-542.	2.1	27
75	Molecular investigation of the stromal cell-derived factor-1 chemokine in lymphoid leukemia and lymphoma patients from Brazil. Blood Cells, Molecules, and Diseases, 2004, 33, 90-93.	1.4	27
76	Ten years of iPSC: clinical potential and advances in vitro hematopoietic differentiation. Cell Biology and Toxicology, 2017, 33, 233-250.	5.3	27
77	Endothelial Cells Tissue-Specific Origins Affects Their Responsiveness to TGF-Î²2 during Endothelial-to-Mesenchymal Transition. International Journal of Molecular Sciences, 2019, 20, 458.	4.1	27
78	Mesenchymal Stromal Cells in Viral Infections: Implications for COVID-19. Stem Cell Reviews and Reports, 2021, 17, 71-93.	3.8	26
79	Advances in Lentiviral Vectors: A Patent Review. Recent Patents on DNA & Gene Sequences, 2012, 6, 82-90.	0.7	25
80	Intravenous infusion of allogeneic mesenchymal stromal cells in refractory or relapsed aplastic anemia. Cytotherapy, 2015, 17, 1696-1705.	0.7	25
81	Zika virus RNA detection in asymptomatic blood donors during an outbreak in the northeast region of SÃ£o Paulo State, Brazil, 2016. Transfusion, 2017, 57, 2897-2901.	1.6	25
82	DC-SIGN (CD209) gene promoter polymorphisms in a Brazilian population and their association with human T-cell lymphotropic virus type 1 infection. Journal of General Virology, 2009, 90, 927-934.	2.9	25
83	Distribution of Human T Cell Lymphotropic Virus Type 1 (HTLV-1) Subtypes in Brazil: Genetic Characterization of LTR and Tax Region. AIDS Research and Human Retroviruses, 2006, 22, 953-959.	1.1	24
84	Outcome of acute myeloid leukemia patients with hyperleukocytosis in Brazil. Medical Oncology, 2010, 27, 1254-1259.	2.5	24
85	Up-regulation of fas and fasL pro-apoptotic genes expression in type 1 diabetes patients after autologous haematopoietic stem cell transplantation. Clinical and Experimental Immunology, 2012, 168, 291-302.	2.6	24
86	Hematopoietic stem cells from induced pluripotent stem cells â€“ considering the role of microRNA as a cell differentiation regulator. Journal of Cell Science, 2018, 131, .	2.0	24
87	Genomic monitoring unveil the early detection of the SARSâ€CoVâ€2 B.1.351 (beta) variant (20H/501Y.V2) in Brazil. Journal of Medical Virology, 2021, 93, 6782-6787.	5.0	24
88	Modelling the impact of delaying vaccination against SARS-CoV-2 assuming unlimited vaccine supply. Theoretical Biology and Medical Modelling, 2021, 18, 14.	2.1	24
89	Dosimetry of blood irradiation using an alanine/ESR dosimeter. Applied Radiation and Isotopes, 2001, 55, 13-16.	1.5	23
90	Sickle cell disease and pregnancy: analysis of 34 patients followed at the Regional Blood Center of RibeirÃ£o Preto, Brazil. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 329-333.	0.7	23

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91	LL-37 boosts immunosuppressive function of placenta-derived mesenchymal stromal cells. Stem Cell Research and Therapy, 2016, 7, 189.	5.5	23
92	A polymorphism in exon b2 of the major breakpoint cluster region (M-bcr) identified in chronic myeloid leukaemia patients. British Journal of Haematology, 1998, 103, 224-226.	2.5	22
93	High Frequency of the GWG (Pro Trp) Envelope Variant of HIV-1 in Southeast Brazil. Journal of Acquired Immune Deficiency Syndromes, 1998, 19, 74-79.	0.3	22
94	Intrahepatic Cholestasis in Sickle Cell Disease: A Case Report. Anemia, 2011, 2011, 1-3.	1.7	22
95	Differential expression of AURKA and AURKB genes in bone marrow stromal mesenchymal cells of myelodysplastic syndrome: correlation with G-banding analysis and FISH. Experimental Hematology, 2013, 41, 198-208.	0.4	22
96	Correlation between polymorphisms at interleukinâ€6 but not at interleukinâ€10 promoter and the risk of human T lymphotropic virus type Iâ€associated myelopathy/tropical spastic paraparesis in Brazilian individuals. Journal of Medical Virology, 2008, 80, 2141-2146.	5.0	21
97	HLA-G 14-bp Insertion/Deletion Polymorphism Is a Risk Factor for HTLV-1 Infection. AIDS Research and Human Retroviruses, 2011, 27, 283-288.	1.1	21
98	Transcriptional profiling reveals intrinsic mRNA alterations in multipotent mesenchymal stromal cells isolated from bone marrow of newly-diagnosed type 1 diabetes patients. Stem Cell Research and Therapy, 2016, 7, 92.	5.5	21
99	Production of recombinant coagulation factors: Are humans the best host cells?. Bioengineered, 2017, 8, 462-470.	3.2	21
100	Comparative characterization of CD271⁺ and CD271^{â^'} subpopulations of CD34⁺ human adiposeâ€derived stromal cells. Journal of Cellular Biochemistry, 2018, 119, 3873-3884.	2.6	21
101	Generation of induced pluripotent stem cells from large domestic animals. Stem Cell Research and Therapy, 2020, 11, 247.	5.5	21
102	Proteomics analysis reveals the role of ubiquitin specific protease (USP47) in Epithelial to Mesenchymal Transition (EMT) induced by TGFÎ²2 in breast cells. Journal of Proteomics, 2020, 219, 103734.	2.4	21
103	Modelling the test, trace and quarantine strategy to control the COVID-19 epidemic in the state of SÃ£o Paulo, Brazil. Infectious Disease Modelling, 2021, 6, 46-55.	1.9	21
104	Knops blood group haplotypes among distinct Brazilian populations. Transfusion, 2007, 47, 147-153.	1.6	20
105	Genes Related to Antiviral Activity, Cell Migration, and Lysis Are Differentially Expressed in CD4+T Cells in Human T Cell Leukemia Virus Type 1-Associated Myelopathy/Tropical Spastic Paraparesis Patients. AIDS Research and Human Retroviruses, 2014, 30, 610-622.	1.1	20
106	Can Pluripotent Stem Cells Be Used in Cell-Based Therapy?. Cellular Reprogramming, 2014, 16, 98-107.	0.9	20
107	Characterization of Human AB Serum for Mesenchymal Stromal Cell Expansion. Transfusion Medicine and Hemotherapy, 2017, 44, 11-21.	1.6	20
108	Gene Frequencies of the HPA-1 and HPA-2 Platelet Antigen Alleles among the Amerindians. Vox Sanguinis, 1997, 73, 182-184.	1.5	19

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109	Genotyping ofHuman parvovirus B19among Brazilian patients with hemoglobinopathies. Canadian Journal of Microbiology, 2012, 58, 200-205.	1.7	19
110	The gene expression profile of non-cultured, highly purified human adipose tissue pericytes: Transcriptomic evidence that pericytes are stem cells in human adipose tissue. Experimental Cell Research, 2016, 349, 239-254.	2.6	19
111	Retinal function after intravitreal injection of autologous bone marrow-derived mesenchymal stromal cells in advanced glaucoma. Documenta Ophthalmologica, 2021, 143, 33-38.	2.2	19
112	Distribution of human immunodeficiency virus type 1 subtypes in the state of Amazonas, Brazil, and subtype C identification. Brazilian Journal of Medical and Biological Research, 2012, 45, 104-112.	1.5	18
113	DSP30 enhances the immunosuppressive properties of mesenchymal stromal cells and protects their suppressive potential from lipopolysaccharide effects: A potential role of adenosine. Cytotherapy, 2016, 18, 846-859.	0.7	18
114	Defective expression of apoptosis-related molecules in multiple sclerosis patients is normalized early after autologous haematopoietic stem cell transplantation. Clinical and Experimental Immunology, 2017, 187, 383-398.	2.6	18
115	Titanium with nanotopography induces osteoblast differentiation through regulation of integrin Î±V. Journal of Cellular Biochemistry, 2019, 120, 16723-16732.	2.6	18
116	Aspects of splenic hypofunction in old age. Klinische Wochenschrift, 1985, 63, 590-592.	0.6	17
117	Quality control of blood irradiation: determination T cells radiosensitivity to cobalt-60 gamma rays. Transfusion, 2006, 46, 34-40.	1.6	17
118	Hypoxia modulates phenotype, inflammatory response, and leishmanial infection of human dendritic cells. Apmis, 2010, 118, 108-114.	2.0	17
119	Stable and highâ€level production of recombinant Factor IX in human hepatic cell line. Biotechnology and Applied Biochemistry, 2011, 58, 243-249.	3.1	17
120	Apoptosis-Related Gene Expression Profile in Chronic Myeloid Leukemia Patients after Imatinib Mesylate and Dasatinib Therapy. Acta Haematologica, 2015, 133, 354-364.	1.4	17
121	Image and motor behavior for monitoring tumor growth in C6 glioma model. PLoS ONE, 2018, 13, e0201453.	2.5	17
122	Prevalence and Viral Load of Human Parvovirus B19 (B19V) Among Blood Donors in South-East Brazil. Indian Journal of Hematology and Blood Transfusion, 2016, 32, 323-325.	0.6	16
123	Proteomic Identification and Time-Course Monitoring of Secreted Proteins During Expansion of Human Mesenchymal Stem/Stromal in Stirred-Tank Bioreactor. Frontiers in Bioengineering and Biotechnology, 2019, 7, 154.	4.1	16
124	Focused screening reveals functional effects of microRNAs differentially expressed in colorectal cancer. BMC Cancer, 2019, 19, 1239.	2.6	16
125	Establishment of a simple and efficient platform for car-t cell generation and expansion: from lentiviral production to in vivo studies. Hematology, Transfusion and Cell Therapy, 2020, 42, 150-158.	0.2	16
126	Suggested guidelines for convalescent plasma therapy for the treatment of COVID-19. Hematology, Transfusion and Cell Therapy, 2021, 43, 212-213.	0.2	16

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127	Variation in the FcgammaR3B gene among distinct Brazilian populations. Tissue Antigens, 2005, 65, 178-182.	1.0	15
128	Epidemiology of HIV/HCV coinfection in patients cared for at the Tropical Medicine Foundation of Amazonas. Brazilian Journal of Infectious Diseases, 2010, 14, 135-140.	0.6	15
129	Increased Levels of NOTCH1, NF-ÎºB, and Other Interconnected Transcription Factors Characterize Primitive Sets of Hematopoietic Stem Cells. Stem Cells and Development, 2010, 19, 321-332.	2.1	15
130	Deregulated expression of A1, Bcl-2, Bcl-xL, and Mcl-1 antiapoptotic proteins and Bid, Bad, and Bax proapoptotic genes in polycythemia vera patients. Brazilian Journal of Pharmaceutical Sciences, 2011, 47, 873-886.	1.2	15
131	Preoperative variables associated with transfusion requirements in orthotopic liver transplantation. Transfusion and Apheresis Science, 2014, 50, 99-105.	1.0	15
132	Serum-free suspension culturing of human cells: adaptation, growth, and cryopreservation. Bioprocess and Biosystems Engineering, 2015, 38, 1495-1507.	3.4	15
133	Recombinant Glycoprotein Production in Human Cell Lines. Methods in Molecular Biology, 2015, 1258, 223-240.	0.9	15
134	Expression differences of genes in the PI3K/AKT, WNT/b-catenin, SHH, NOTCH and MAPK signaling pathways in CD34+ hematopoietic cells obtained from chronic phase patients with chronic myeloid leukemia and from healthy controls. Clinical and Translational Oncology, 2018, 20, 542-549.	2.4	15
135	Patent mining and landscaping of emerging recombinant factor VIII through network analysis. Nature Biotechnology, 2018, 36, 585-590.	17.5	15
136	The novel coronavirus SARSâ€CoVâ€2: From a zoonotic infection to coronavirus disease 2019. Journal of Medical Virology, 2020, 92, 2607-2615.	5.0	15
137	Autologous haematopoietic stem cell transplantation restores the suppressive capacity of regulatory B cells in systemic sclerosis patients. Rheumatology, 2021, 60, 5538-5548.	1.9	15
138	An alternating current superconductor susceptometric system to evaluate liver iron overload. Review of Scientific Instruments, 2003, 74, 3098-3103.	1.3	14
139	Interleukinâ€18 and interferonâ€gamma polymorphisms are implicated on proviral load and susceptibility to human Tâ€lymphotropic virus type 1 infection. Tissue Antigens, 2012, 80, 143-150.	1.0	14
140	TAX-mRNA-Carrying Exosomes from Human T Cell Lymphotropic Virus Type 1-Infected Cells Can Induce Interferon-Gamma ProductionIn Vitro. AIDS Research and Human Retroviruses, 2018, 34, 1075-1082.	1.1	14
141	Human pegivirus-1 (HPgV-1, GBV-C) RNA prevalence and genotype diversity among volunteer blood donors from an intra-hospital hemotherapy service in Southern Brazil. Transfusion and Apheresis Science, 2019, 58, 174-178.	1.0	14
142	Triple-modal imaging of stem-cells labeled with multimodal nanoparticles, applied in a stroke model. World Journal of Stem Cells, 2019, 11, 100-123.	2.8	14
143	TT virus (TTV) genotyping in blood donors and multiple transfused patients in Brazil. Virus Genes, 2007, 35, 503-509.	1.6	13
144	Integration pattern of HIV-1 based lentiviral vector carrying recombinant coagulation factor VIII in Sk-Hep and 293T cells. Biotechnology Letters, 2011, 33, 23-31.	2.2	13

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145	Short Communication Forced expression of OCT4 influences the expression of pluripotent genes in human mesenchymal stem cells and fibroblasts. Genetics and Molecular Research, 2013, 12, 1054-1060.	0.2	13
146	Inactivated Whole-virus Vaccine Triggers Low Response Against SARS-CoV-2 Infection Among Renal Transplant Patients: Prospective Phase 4 Study Results. Transplantation, 2022, 106, 853-861.	1.0	13
147	Complete Nucleotide Sequences of the Genomes of Two Brazilian Specimens of Human T Lymphotropic Virus Type 2 (HTLV-2). AIDS Research and Human Retroviruses, 2003, 19, 689-697.	1.1	12
148	Recombinant expression of coagulation factor VIII in hepatic and non-hepatic cell lines stably transduced with third generation lentiviral vectors comprising the minimal factor VIII promoter. Cytotherapy, 2007, 9, 785-794.	0.7	12
149	Association between Knops blood group polymorphisms and susceptibility to malaria in an endemic area of the Brazilian Amazon. Genetics and Molecular Biology, 2011, 34, 539-545.	1.3	12
150	Ultrasound-based transient elastography using a magnetic excitation. , 2012, , .		12
151	Parvovirus B19 seroprevalence, viral load, and genotype characterization in volunteer blood donors from southern Brazil. Journal of Medical Virology, 2019, 91, 1224-1231.	5.0	12
152	Successful Use of Human AB Serum to Support the Expansion of Adipose Tissue-Derived Mesenchymal Stem/Stromal Cell in a Microcarrier-Based Platform. Frontiers in Bioengineering and Biotechnology, 2020, 8, 307.	4.1	12
153	Endothelial cells from different anatomical origin have distinct responses during SNAIL/TGF-Î²2-mediated endothelial-mesenchymal transition. American Journal of Translational Research (discontinued), 2018, 10, 4065-4081.	0.0	12
154	The frequency of blood-born viral infections in a population of multitransfused Brazilian patients. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1993, 35, 271-273.	1.1	11
155	SK-HEP cells and lentiviral vector for production of human recombinant factor VIII. Biotechnology Letters, 2012, 34, 1435-1443.	2.2	11
156	Prevention of Transfusion-Associated Graft-versus-Host Disease by Irradiation: Technical Aspect of a New Ferrous Sulphate Dosimetric System. PLoS ONE, 2013, 8, e65334.	2.5	11
157	Efficient recovery of undifferentiated human embryonic stem cell cryopreserved with hydroxyethyl starch, dimethyl sulphoxide and serum replacement. Cryobiology, 2015, 71, 151-160.	0.7	11
158	OP9 Stromal Cells Proteins Involved in Hematoendothelial Differentiation from Human Embryonic Stem Cells. Cellular Reprogramming, 2015, 17, 338-346.	0.9	11
159	Approaches for recombinant human factor IX production in serum-free suspension cultures. Biotechnology Letters, 2016, 38, 385-394.	2.2	11
160	High-content screen in human pluripotent cells identifies miRNA-regulated pathways controlling pluripotency and differentiation. Stem Cell Research and Therapy, 2019, 10, 202.	5.5	11
161	Improving wave-induced motion bioreactor performance for human mesenchymal stromal cell expansion. Process Biochemistry, 2019, 84, 143-152.	3.7	11
162	Clinical Impact, Reactogenicity, and Immunogenicity After the First CoronaVac Dose in Kidney Transplant Recipients. Transplantation, 2021, Publish Ahead of Print, .	1.0	11

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163	Human Tâ€lymphotropic virus type Iâ€associated myelopathy/tropical spastic paraparesis and systemic lupus erythematosus. Neurology, 1997, 48, 1469-1470.	1.1	10
164	Molecular Investigation of GB Virus C RNA in Hemodialysis and Thalassemics Patients from Brazil. Renal Failure, 2003, 25, 67-75.	2.1	10
165	Leukotrienes Are Upregulated and Associated with Human T-Lymphotropic Virus Type 1 (HTLV-1)-Associated Neuroinflammatory Disease. PLoS ONE, 2012, 7, e51873.	2.5	10
166	HTLV-1 infects human mesenchymal stromal cell in vitro and modifies their phenotypic characteristics. Virology, 2014, 449, 190-199.	2.4	10
167	Zika virus and its implication in transfusion safety. Revista Brasileira De Hematologia E Hemoterapia, 2016, 38, 90-91.	0.7	10
168	Higher Antiâ€A/B isoagglutinin titers of IgG class, but not of IgM, are associated with increased red blood cell transfusion requirements in bone marrow transplantation with major ‹scp›ABO‹/scp›â€mismatch. Clinical Transplantation, 2017, 31, e12913.	1.6	10
169	Gene expression profiling of bone marrow mesenchymal stem cells from Osteogenesis Imperfecta patients during osteoblast differentiation. European Journal of Medical Genetics, 2017, 60, 326-334.	1.3	10
170	Human pegivirus-1 (HPgV-1) RNA prevalence and genotypes in volunteer blood donors from the Brazilian Amazon. Transfusion Clinique Et Biologique, 2019, 26, 234-239.	0.4	10
171	DPP-4 Inhibition Leads to Decreased Pancreatic Inflammatory Profile and Increased Frequency of Regulatory T Cells in Experimental Type 1 Diabetes. Inflammation, 2019, 42, 449-462.	3.8	10
172	Emerging CAR T cell therapies: clinical landscape and patent technological routes. Human Vaccines and Immunotherapeutics, 2020, 16, 1424-1433.	3.3	10
173	Detection of Influenza A(H3N2) Virus RNA in Donated Blood. Emerging Infectious Diseases, 2020, 26, 1621-1623.	4.3	10
174	Mesenchymal stromal cells administration for osteonecrosis of the jaw caused by bisphosphonate: report of two cases. Acta OncolÃ³gica, 2020, 59, 789-792.	1.8	10
175	Bone Marrow Soluble Mediator Signatures of Patients With Philadelphia Chromosome-Negative Myeloproliferative Neoplasms. Frontiers in Oncology, 2021, 11, 665037.	2.8	10
176	Abnormal Uroporphyrin Levels in Chronic Hepatitis C Virus Infection. Journal of Clinical Gastroenterology, 1999, 29, 327-331.	2.2	10
177	Prevalence of Trypanosoma Cruzi antibodies in blood donors from the Sao Paulo State, Brazil, between 2012 and 2014. Journal of Infection in Developing Countries, 2017, 11, 277-281.	1.2	10
178	Gene frequencies of the HPA-3 and HPA-5 platelet antigen alleles among the Amerindians. European Journal of Haematology, 2000, 65, 128-131.	2.2	9
179	Differential competitive resistance to methylating versus chloroethylating agents among five O6-alkylguanine DNA alkyltransferases in human hematopoietic cells. Molecular Cancer Therapeutics, 2006, 5, 121-128.	4.1	9
180	Molecular and clinical evaluation of the acute human parvovirus B19 infection: comparison of two cases in children with sickle cell disease and discussion of the literature. Brazilian Journal of Infectious Diseases, 2013, 17, 97-101.	0.6	9

#	Article	IF	Citations
181	Immune reconstitution in patients with Fanconi anemia after allogeneic bone marrow transplantation. Cytotherapy, 2014, 16, 976-989.	0.7	9
182	Hydroxycarbamide modulates components involved in the regulation of adenosine levels in blood cells from sickle-cell anemia patients. Annals of Hematology, 2014, 93, 1457-1465.	1.8	9
183	Frequent human parvovirus <scp>B19</scp><scp>DNA</scp> occurrence and high seroprevalence in haemophilic patients from a nonâ€metropolitan blood centre, Brazil. Transfusion Medicine, 2014, 24, 130-132.	1.1	9
184	Human cell lines: A promising alternative for recombinant FIX production. Protein Expression and Purification, 2016, 121, 149-156.	1.3	9
185	Functional analysis of HOXA10 and HOXB4 in human medulloblastoma cell lines. International Journal of Oncology, 2017, 51, 1929-1940.	3.3	9
186	A High-Content Screening Approach to Identify MicroRNAs Against Head and Neck Cancer Cell Survival and EMT in an Inflammatory Microenvironment. Frontiers in Oncology, 2019, 9, 1100.	2.8	9
187	Microfluidics in Sickle Cell Disease Research: State of the Art and a Perspective Beyond the Flow Problem. Frontiers in Molecular Biosciences, 2020, 7, 558982.	3.5	9
188	Hypoxia priming improves in vitro angiogenic properties of umbilical cord derived-mesenchymal stromal cells expanded in stirred-tank bioreactor. Biochemical Engineering Journal, 2021, 168, 107949.	3.6	9
189	Quality control system for blood irradiation using a teletherapy unit. Vox Sanguinis, 2004, 86, 105-110.	1.5	8
190	Quality control of blood irradiation with a teletherapy unit: damage to stored red blood cells after cobalt-60 gamma irradiation. Transfusion, 2007, 48, 071121030748002-???.	1.6	8
191	Breeding of transgenic cattle for human coagulation factor IX by a combination of lentiviral system and cloning. Genetics and Molecular Research, 2013, 12, 3675-3688.	0.2	8
192	Overexpression of hsa-miR-125b during osteoblastic differentiation does not influence levels of Runx2, osteopontin, and ALPL gene expression. Brazilian Journal of Medical and Biological Research, 2013, 46, 676-680.	1.5	8
193	Silent dengue virus circulation among asymptomatic blood donors from a hyperendemic Brazilian region. Transfusion Medicine, 2018, 28, 465-467.	1.1	8
194	Effect of cell therapy with osteoblasts differentiated from bone marrow or adipose tissue stromal cells on bone repair. Regenerative Medicine, 2019, 14, 1107-1119.	1.7	8
195	Determination of iron-overload in thalassemia by hepatic MRI and ferritin. Revista Brasileira De Hematologia E Hemoterapia, 2008, 30, .	0.7	8
196	Combination of genetically engineered T cells and immune checkpoint blockade for the treatment of cancer. Immunotherapy Advances, 2022, 2, .	3.0	8
197	HTLVâ€1 infection in blood donors from the Western Brazilian Amazon region: Seroprevalence and molecular study of viral isolates. Journal of Medical Virology, 2008, 80, 1966-1971.	5.0	7
198	Mobilization and harvesting of PBPC in newly diagnosed type 1 diabetes mellitus. Bone Marrow Transplantation, 2012, 47, 993-994.	2.4	7

#	Article	IF	Citations
199	Is there justification for universal leukoreduction?. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 237.	0.7	7
200	Evaluation of human T-lymphotropic virus prevalence/co-infection rates for a four-year period in a non-metropolitan blood center in Southeast Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 232-236.	0.9	7
201	The expression of Death Inducer-Obliterator (DIDO) variants in Myeloproliferative Neoplasms. Blood Cells, Molecules, and Diseases, 2016, 59, 25-30.	1.4	7
202	Bone marrow-derived cells are recruited by the melanoma tumor with endothelial cells contributing to tumor vasculature. Clinical and Translational Oncology, 2017, 19, 125-133.	2.4	7
203	Prevalence of hepatitis E virus infection in multiple transfused Brazilian patients with thalassemia and sickle cell disease. Journal of Medical Virology, 2019, 91, 1693-1697.	5.0	7
204	Feasibility of the taylor vortex flow bioreactor for mesenchymal stromal cell expansion on microcarriers. Biochemical Engineering Journal, 2020, 162, 107710.	3.6	7
205	Vasoâ€occlusive crisis in a sickle cell patient after transfusionâ€transmitted dengue infection. Transfusion, 2020, 60, 2139-2143.	1.6	7
206	Human and mouse melanoma cells recapitulate an EMT-like program in response to mesenchymal stromal cells secretome. Cancer Letters, 2021, 501, 114-123.	7.2	7
207	Molecular surveillance of the on-going SARS-COV-2 epidemic in Ribeirao Preto City, Brazil. Infection, Genetics and Evolution, 2021, 93, 104976.	2.3	7
208	Strategies to Enhance the Therapeutic Efficacy, Applicability, and Safety of Genetically Engineered Immune Cells. Critical Reviews in Immunology, 2021, 41, 41-67.	0.5	7
209	HLA-G 3â€²-untranslated region polymorphisms are associated with HTLV-1 infection, proviral load and HTLV-associated myelopathy/tropical spastic paraparesis development. Journal of General Virology, 2016, 97, 2742-2752.	2.9	7
210	An enhancer/promoter combination strengthens the expression of blood-coagulation factor VIII in non-viral expression vectors. Genetics and Molecular Research, 2008, 7, 314-325.	0.2	7
211	Polymorphisms at GLUT1 gene are not associated with the development of TSP/HAM in Brazilian HTLVâ€1 infected individuals and the discovery of a new polymorphism at GLUT1 gene. Journal of Medical Virology, 2009, 81, 552-557.	5.0	6
212	T cell receptor signaling pathway is overexpressed in CD4+ T cells from HAM/TSP individuals. Brazilian Journal of Infectious Diseases, 2015, 19, 578-584.	0.6	6
213	The F309S mutation increases factor VIII secretion in human cell line. Revista Brasileira De Hematologia E Hemoterapia, 2016, 38, 135-140.	0.7	6
214	Intravenous administration of bone marrow-derived multipotent mesenchymal stromal cells enhances the recruitment of CD11b+ myeloid cells to the lungs and facilitates B16-F10 melanoma colonization. Experimental Cell Research, 2016, 345, 141-149.	2.6	6
215	Production of coagulation factor VII in human cell lines Sk-Hep-1 andÂHKB-11. Protein Expression and Purification, 2017, 137, 26-33.	1.3	6
216	Induced Pluripotent Stem Cell for the Study and Treatment of Sickle Cell Anemia. Stem Cells International, 2017, 2017, 1-30.	2.5	6

#	Article	IF	Citations
217	Zika virus seroprevalence in blood donors from the Northeastern region of SÃ£o Paulo State, Brazil, between 2015 and 2017. Journal of Infection, 2020, 80, 111-115.	3.3	6
218	Analysis of Adipose-Derived Stem Cells from Different Donor Areas and Their Influence on Fibroblasts In Vitro. Aesthetic Plastic Surgery, 2020, 44, 971-978.	0.9	6
219	Metagenomic identification of human Gemykibivirus-2 (HuGkV-2) in parenterally infected blood donors from the Brazilian Amazon. International Journal of Infectious Diseases, 2020, 98, 249-251.	3.3	6
220	Mesenchymal stem cells from patients with chronic myeloid leukemia do not express BCR-ABL and have absence of chimerism after allogeneic bone marrow transplant. Brazilian Journal of Medical and Biological Research, 2007, 40, 57-67.	1.5	6
221	Introduction of SARSâ€CoVâ€2 C.37 (WHO VOI lambda) in the Sao Paulo State, Southeast Brazil. Journal of Medical Virology, 2021, , .	5.0	6
222	Monitoring of HTLV-1-associated diseases by proviral load quantification using multiplex real-time PCR. Journal of NeuroVirology, 2022, 28, 27-34.	2.1	6
223	Engineering CAR-NK cells: how to tune innate killer cells for cancer immunotherapy. Immunotherapy Advances, 2022, 2, .	3.0	6
224	Autologous hematopoietic stem cell transplantation modifies specific aspects of systemic sclerosis-related microvasculopathy. Therapeutic Advances in Musculoskeletal Disease, 2022, 14, 1759720X2210848.	2.7	6
225	The chimeric cytokine Hyper-IL-6 enhances the efficiency of lentiviral gene transfer in hepatocytes both in vitro and in vivo. Biotechnology Letters, 2008, 30, 215-220.	2.2	5
226	Upregulation of hsa-miR-125b in HTLV-1 asymptomatic carriers and HTLV-1-associated myelopathy/tropical spastic paraparesis patients. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 824-827.	1.6	5
227	Late emergence of A594V and L595W mutations related to ganciclovir resistance in a patient with HCMV retinitis and long-term HIV progression. Brazilian Journal of Medical and Biological Research, 2015, 48, 777-781.	1.5	5
228	Development and optimization of a sensitive TaqManÂ® realâ€time PCR with synthetic homologous extrinsic control for quantitation of Human cytomegalovirus viral load. Journal of Medical Virology, 2016, 88, 1604-1612.	5.0	5
229	Zika virus infection in a pediatric patient with acute gastrointestinal involvement. Mental Illness, 2017, 9, 7341.	0.8	5
230	Molecular prevalence and genotypes of human pegivirus-1 (HPgV-1) and SENV-like viruses among multiply transfused patients with beta-thalassemia. Transfusion and Apheresis Science, 2020, 59, 102697.	1.0	5
231	Estimating the effects of reopening of schools on the course of the epidemic of COVID-19. Epidemiology and Infection, 2021, 149, e86.	2.1	5
232	Phenotypic Analysis and Differentiation of Murine Mesenchymal Stem Cells. Methods in Molecular Biology, 2011, 698, 331-350.	0.9	5
233	Lentiviral-mediated gene transfer â€“ a patent review. Expert Opinion on Therapeutic Patents, 2008, 18, 525-539.	5.0	4
234	Silencing of HTLV-1 gag and env genes by small interfering RNAs in HEK 293 cells. Journal of Virological Methods, 2011, 173, 92-98.	2.1	4

#	Article	IF	Citations
235	Production of human factor VIII-FL in 293T cells using the bicistronic MGMT(P140K)-retroviral vector. Genetics and Molecular Research, 2012, 11, 775-789.	0.2	4
236	Differential expression of apoptomiRs in myeloproliferative neoplasms. Leukemia and Lymphoma, 2013, 54, 2047-2051.	1.3	4
237	Hematological particularities and co-infections in injected drug users with AIDS. Brazilian Journal of Infectious Diseases, 2013, 17, 654-656.	0.6	4
238	Altered Expression of Degranulation-Related Genes in CD8+T Cells in Human T Lymphotropic Virus Type I Infection. AIDS Research and Human Retroviruses, 2013, 29, 826-836.	1.1	4
239	Glycoprotein B Genotyping of Human Cytomegalovirus Strains Isolated from Brazilian Patients with Sickle Cell Disease and Beta-Thalassemia Major. Viral Immunology, 2015, 28, 123-129.	1.3	4
240	Human parvovirus 4 in Brazilian patients with haemophilia, betaâ€thalassaemia major and volunteer blood donors. Haemophilia, 2015, 21, e86-8.	2.1	4
241	Haematological recovery in poor and good haematopoietic stem cell mobilisers. Transfusion Medicine, 2016, 26, 297-300.	1.1	4
242	Proteomic Analysis of Mesenchymal Stem Cells. Methods in Molecular Biology, 2016, 1416, 509-519.	0.9	4
243	TNF-alpha and Notch signaling regulates the expression of HOXB4 and GATA3 during early T lymphopoiesis. In Vitro Cellular and Developmental Biology - Animal, 2016, 52, 920-934.	1.5	4
244	Mesenchymal stem cells from sternum: the type of heart disease, ischemic or valvular, does not influence the cell culture establishment and growth kinetics. Journal of Translational Medicine, 2017, 15, 161.	4.4	4
245	Beneficial Role of Low-Intensity Laser Irradiation on Neural Î²-tubulin III Protein Expression in Human Bone Marrow Multipotent Mesenchymal Stromal Cells. Stem Cell Reviews and Reports, 2018, 14, 585-598.	5.6	4
246	Seroprevalence of Chikungunya virus in blood donors from Northern and Southeastern Brazil. Hematology, Transfusion and Cell Therapy, 2018, 40, 358-362.	0.2	4
247	Ex vivo evaluation of intravitreal mesenchymal stromal cell viability using bioluminescence imaging. Stem Cell Research and Therapy, 2018, 9, 155.	5.5	4
248	Molecular evolution pattern of Merkel cell polyomavirus identified by viral metagenomics in plasma of high-risk blood donors from the Brazilian Amazon. Infection, Genetics and Evolution, 2020, 85, 104563.	2.3	4
249	Mesenchymal stromal cells maintain the major quality attributes when expanded in different bioreactor systems. Biochemical Engineering Journal, 2020, 161, 107693.	3.6	4
250	Blood transfusion support for sickle cell patients during haematopoietic stem cell transplantation: a singleâ€institution experience. British Journal of Haematology, 2020, 190, e295-e297.	2.5	4
251	Generation of hematopoietic stem/progenitor cells with sickle cell mutation from induced pluripotent stem cell in serum-free system. Hematology, Transfusion and Cell Therapy, 2021, 43, 156-164.	0.2	4
252	Dengue RNA detection and seroprevalence in blood donors during an outbreak in the SÃ£o Paulo State, Brazil, 2016. Journal of Medical Virology, 2021, 93, 3344-3349.	5.0	4

#	Article	IF	Citations
253	Modelling the impact of contact tracing of symptomatic individuals on the COVID-19 epidemic. Clinics, 2021, 76, e2639.	1.5	4
254	Mesenchymal Stem Cells, Fibroblasts and Pericytes: Different Functional States of the Same Cell?.. Blood, 2005, 106, 4310-4310.	1.4	4
255	Simultaneous zika and dengue serotype-4 viral detection and isolation from a donor plasma unit. Journal of Vector Borne Diseases, 2019, 56, 166.	0.4	4
256	CAR-T Cells for Cancer Treatment: Current Design and Next Frontiers. Methods in Molecular Biology, 2020, 2086, 1-10.	0.9	4
257	Genomic monitoring of the SARS-CoV-2 B1.1.7 (WHO VOC Alpha) in the Sao Paulo state, Brazil. Virus Research, 2022, 308, 198643.	2.2	4
258	Autologous hematopoietic stem cell transplantation promotes connective tissue remodeling in systemic sclerosis patients. Arthritis Research and Therapy, 2022, 24, 95.	3.5	4
259	AvaliaÃ§Ã£o longitudinal da infecÃ§Ã£o por parvovÃrus B19 entre grÃ¡vidas em RibeirÃ£o Preto, SP, Brasil. Revista Brasileira De Ginecologia E Obstetricia, 2003, 25, 317-321.	0.8	3
260	Maturation of dendritic cells following exposure to different maturational stimuli. Revista Brasileira De Hematologia E Hemoterapia, 2006, 28, 89.	0.7	3
261	THU0501â€…Hematopoietic Stem Cell Transplantation Increases Naive and Regulatory B Cells While Decreasing Memory B Cells in Systemic Sclerosis Patients. Annals of the Rheumatic Diseases, 2014, 73, 356.2-356.	0.9	3
262	Blood donor homozygous for Hb D Los Angeles. Transfusion and Apheresis Science, 2014, 51, 219-220.	1.0	3
263	Murine leukemia virus-derived retroviral vector has differential integration patterns in human cell lines used to produce recombinant factor VIII. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 213-218.	0.7	3
264	Blood group O patients require more blood transfusion in orthotopic liver transplantation. Transfusion and Apheresis Science, 2014, 50, 312-313.	1.0	3
265	Production of Lentiviral Vectors Encoding Recombinant Factor VIII Expression in Serum-Free Suspension Cultures. Brazilian Archives of Biology and Technology, 2015, 58, 923-928.	0.5	3
266	Human parvovirus 4 prevalence among HTLVâ€1/2 infected individuals in Brazil. Journal of Medical Virology, 2017, 89, 748-752.	5.0	3
267	Guidelines on transfusion of red blood cells: Prognosis of patients who decline blood transfusions. Hematology, Transfusion and Cell Therapy, 2018, 40, 377-381.	0.2	3
268	Autologous adiposeâ€derived stem cell for painful leg ulcers in patients with sickle cell disease. A preliminary study. British Journal of Haematology, 2019, 186, e47-e50.	2.5	3
269	Viral metagenomics in Brazilian multiply transfused patients with sickle cell disease as an indicator for blood transfusion safety. Transfusion Clinique Et Biologique, 2020, 27, 237-242.	0.4	3
270	FcÎ³R2B B2 .4 haplotype predicts increased risk of red blood cell alloimmunization in sickle cell disease patients. Transfusion, 2020, 60, 1573-1578.	1.6	3

#	Article	IF	Citations
271	Clinical impact, reactogenicity, and immunogenicity after the first CoronaVac dose in dialysis patients: a phase IV prospective study. CKJ: Clinical Kidney Journal, 2021, 14, 2612-2615.	2.9	3
272	Compassionate use of cell products. Revista Brasileira De Hematologia E Hemoterapia, 2013, 35, 144-5.	0.7	3
273	Serum-Free Suspension Adaptation of HEK-293T Cells: Basis for Large-Scale Biopharmaceutical Production. Brazilian Archives of Biology and Technology, 0, 64, .	0.5	3
274	Generation of Primordial Germ Cell-like Cells from iPSCs Derived from Turner Syndrome Patients. Cells, 2021, 10, 3099.	4.1	3
275	Metavirome composition of Brazilian blood donors positive for the routinely tested blood-borne infections. Virus Research, 2022, 311, 198689.	2.2	3
276	The Expression of Tax and HBZ Genes in Serum-Derived Extracellular Vesicles From HTLV-1 Carriers Correlates to Proviral Load and Inflammatory Markers. Frontiers in Microbiology, 2022, 13, 881634.	3.5	3
277	Rapid and Sensitive Qualitative Duoplex Real-Time PCR Method for Discriminatory and Confirmatory Diagnosis of HTLV-1 and HTLV-2 Infections: Brazilian Multicentric Study. Frontiers in Medicine, 0, 9, .	2.6	3
278	Forced Expression of Nanog in Human Bone Marrow-Derived Endothelial Cells Activates Other Six Pluripotent Genes. Cellular Reprogramming, 2012, 14, 187-192.	0.9	2
279	Quantitative correlation between transcriptional levels of ER chaperone, peroximal protein and FVIII productivity in human Hek-293 cell line. SpringerPlus, 2013, 2, 328.	1.2	2
280	Official communique: Chikungunya virus - a press release of the AssociaÃ§Ã£o Brasileira de Hematologia, Hemoterapia e Terapia Celular regarding the safety of transfusions and transplants. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 309-310.	0.7	2
281	Rapid blood group genotyping by allelic discriminative realâ€time PCR in multiplyâ€transfused patients. Transfusion Medicine, 2015, 25, 111-114.	1.1	2
282	Different expression patterns ofLGALS1andLGALS3in polycythemia vera, essential thrombocythemia and primary myelofibrosis. Journal of Clinical Pathology, 2016, 69, 926-929.	2.0	2
283	Detection of magnetic nanoparticles with a large scale AC superconducting susceptometer. Superconductor Science and Technology, 2017, 30, 084007.	3.5	2
284	Purification and Autoactivation Method for Recombinant Coagulation Factor VII. Methods in Molecular Biology, 2018, 1674, 221-226.	0.9	2
285	Serological evidence of Borrelia circulation among blood donors in the SÃ£o Paulo state, Brazil. Transfusion Medicine, 2019, 29, 358-363.	1.1	2
286	Short Communication: Human Bone Marrow Stromal Cells Exhibit Immunosuppressive Effects on Human T Lymphotropic Virus Type 1 T Lymphocyte from Infected Individuals. AIDS Research and Human Retroviruses, 2019, 35, 164-168.	1.1	2
287	Zika virus RNA surveillance in blood donors in the Federal District of Brazil during the 2016 outbreak. Hematology, Transfusion and Cell Therapy, 2020, 42, 394-396.	0.2	2
288	Hypoxia-cultured mouse mesenchymal stromal cells from bone marrow and compact bone display different phenotypic traits. Experimental Cell Research, 2021, 399, 112434.	2.6	2

#	Article	IF	Citations
289	TLR9 Priming Promotes Proliferation Of Mesenchymal Stem Cells and Restores The Immunosuppressive Activity Impaired By TLR4 Priming: Potential Involvement Of Non-Canonical NF-Kb Signaling. Blood, 2013, 122, 2458-2458.	1.4	2
290	Newly-Generated Regulatory B- and T-Cells Are Associated with Clinical Improvement and Reversal of Dermal Fibrosis in Systemic Sclerosis Patients after Autologous Hematopoietic Stem Cell Transplantation. Blood, 2016, 128, 4625-4625.	1.4	2
291	Analysis of mRNA transcripts in chronic myeloid leukemia patients. Genetics and Molecular Biology, 1999, 22, 475-479.	1.3	2
292	Immunogenicity, reactogenicity and breakthrough infections after two doses of the inactivated CoronaVac vaccine among patients on dialysis: phase 4 study. CKJ: Clinical Kidney Journal, 2022, 15, 816-817.	2.9	2
293	Allogeneic haematopoietic stem cell transplantation resets Tâ€•and Bâ€•cell compartments in sickle cell disease patients. Clinical and Translational Immunology, 2022, 11, e1389.	3.8	2
294	HIV/AIDS Researchers Interaction with Schoolteachers: A Key to Combat AIDS Among Brazilian Adolescents. Journal of HIV/AIDS Prevention in Children & Youth, 2008, 9, 115-131.	0.2	1
295	Custo mÃ©dio do MÃ³dulo de Coleta de sangue total pelo mÃ©todo ABC. Revista Brasileira De Hematologia E Hemoterapia, 2008, 30, .	0.7	1
296	Splenic function in chronic myelogenous leukemia. European Journal of Haematology, 1987, 39, 434-439.	2.2	1
297	Frequency distribution of XbaIGÂ›ÂT and HaeIIITÂ›ÂC GLUT1 polymorphisms among different Brazilian ethnic groups. Molecular Biology Reports, 2010, 37, 75-79.	2.3	1
298	Study of the spatial distribution of the absorbed dose in blood volumes irradiated using a teletherapy unit. Radiation Physics and Chemistry, 2010, 79, 673-677.	2.8	1
299	Paradoxes of hematology: When the old disappears and the new does not arrive. Revista Brasileira De Hematologia E Hemoterapia, 2017, 39, 1-3.	0.7	1
300	Purification Methods for Recombinant Factor VIII Expressed in Human Liver SK-Hep Cells. Methods in Molecular Biology, 2018, 1674, 195-202.	0.9	1
301	Generation of integrationâ€free induced pluripotent stem cells from bloodâ€derived cells isolated from patient with severe haemophilia A. Haemophilia, 2019, 25, e195-e199.	2.1	1
302	â€œMolecular analysis of the rare Sâ€“sâ€“ red blood cell phenotype in blood donors and patients in southâ€east Brazilâ€• Vox Sanguinis, 2019, 114, 262-267.	1.5	1
303	After the pandemic: the role of science in the future of the countries. Brazilian Journal of Infectious Diseases, 2020, 24, 189-190.	0.6	1
304	Serumâ€free suspension cultured human cells can produce a highâ€level of recombinant human erythropoietin. Engineering Reports, 2020, 2, e12172.	1.7	1
305	Generation of hyperfunctional recombinant human factor IX variants expressed in human cell line SK-Hep-1. Biotechnology Letters, 2021, 43, 143-152.	2.2	1
306	Virome comparison of deferred blood donations obtained from different geographic regions in the Sao Paulo State, Brazil. Transfusion and Apheresis Science, 2021, 60, 103106.	1.0	1

#	Article	IF	Citations
307	Frequency and characterization of RHD variant alleles in a population of blood donors from southeastern Brazil: Comparison with other populations. Transfusion and Apheresis Science, 2021, 60, 103135.	1.0	1
308	Acute Inflammatory Processes Are Induced By Hemolysis and Reversed By Hydroxyurea. Blood, 2013, 122, 951-951.	1.4	1
309	Viral metagenomics in blood donations with post-donation illness reports from Brazil. Blood Transfusion, 2021, 19, 93-101.	0.4	1
310	AssociaÃ§Ã£o Brasileira de Hematologia, Hemoterapia e Terapia Celular Consensus on genetically modified cells. VI: Accreditation process. Hematology, Transfusion and Cell Therapy, 2021, 43, S42-S45.	0.2	1
311	Comparative metavirome analysis in polytransfused patients. Brazilian Journal of Medical and Biological Research, 2021, 54, e11610.	1.5	1
312	Long-Term Effects of Allogeneic Hematopoietic Stem Cell Transplantation on Systemic Inflammation in Sickle Cell Disease Patients. Frontiers in Immunology, 2021, 12, 774442.	4.8	1
313	Transition from serum-supplemented monolayer to serum-free suspension lentiviral vector production for generation of chimeric antigen receptor T cells. Cytotherapy, 2022, 24, 850-860.	0.7	1
314	The Divergent Pattern of SARS-CoV-2 Variant Predominance and Transmission Dynamics in the Brazilian Island of Ilhabela. Viruses, 2022, 14, 1481.	3.3	1
315	660 Iron chelating therapy decreases liver production of insulin-like growth factor (IGF)-I in polytransfused beta-thalassaemia patients. Journal of Hepatology, 2006, 44, S244.	3.7	0
316	Distribution of QPY and RAH haplotypes of granzyme B gene in distinct Brazilian populations. Revista Da Sociedade Brasileira De Medicina Tropical, 2012, 45, 496-499.	0.9	0
317	Maturation of human iDCs by IL-18 plus PGE2, but not by each stimulus alone, induced migration toward CCL21 and the secretion of IL-12 and IFN-Î³. Immunobiology, 2013, 218, 238-244.	1.9	0
318	Accreditation program for blood banking and cell therapy services â€“ a defining moment in the expansion and qualification of Brazilian services. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 383-384.	0.7	0
319	Novel polymorphisms in the promoter region of the perforin gene among distinct <scp>B</scp>razilian populations and their functional impact. International Journal of Immunogenetics, 2014, 41, 198-205.	1.8	0
320	Guidelines on the treatment of anemia of chronic renal failure using recombinant human erythropoietin: AssociaÃ§Ã£o Brasileira de Hematologia, Hemoterapia e Terapia Celular Guidelines Project: AssociaÃ§Ã£o MÃ©dica Brasileira â€“ 2014. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 450-453.	0.7	0
321	302: Normal and oncogenic proliferation under control of microRNAs: A functional high content screening. European Journal of Cancer, 2014, 50, S71.	2.8	0
322	Human bone marrow mesenchymal stromal cells exhibit suppressive effects on lymphocytes derived from HTLV-1 infected individuals. Retrovirology, 2015, 12, .	2.0	0
323	Significant differences in integration sites of Moloney murine leukemia virus/Moloney murine sarcoma virus retroviral vector carrying recombinant coagulation factor IX in two human cell lines. Biotechnology Letters, 2015, 37, 991-1001.	2.2	0
324	OP0010â€…Autologous Hematopoietic Stem Cell Transplantation Increases T-Cell PD-1 Expression and Regulatory Mechanisms in Systemic Sclerosis Patients. Annals of the Rheumatic Diseases, 2015, 74, 67.3-68.	0.9	0

#	Article	IF	Citations
325	Brazilian Association of Hematology, Hemotherapy and Cell Therapy (ABHH) newest member-society of the World Apheresis Association. Transfusion and Apheresis Science, 2016, 55, 267.	1.0	0
326	Preadolescent patients with atypical course of Zika virus (ZIKV) infection: Clinical findings and quantitative viral detection in saliva and plasma. Journal of Clinical Virology, 2016, 82, S9.	3.1	0
327	Downregulation of histone methyltransferase EHMT2 in CD4+ T-cells may protect HTLV-1-infected individuals against HAM/TSP development. Archives of Virology, 2017, 162, 3131-3136.	2.1	0
328	Quantification of Coagulation Factor VIII by Selective Reaction Monitoring. Methods in Molecular Biology, 2018, 1674, 275-282.	0.9	0
329	Human Cells as Platform to Produce Gamma-Carboxylated Proteins. Methods in Molecular Biology, 2018, 1674, 49-61.	0.9	0
330	Detection of HTLV-1 proviral DNA in BM mononuclear cells and cultured mesenchymal stromal cells isolated from patients with HTLV-1 infection. Virology, 2018, 519, 145-155.	2.4	0
331	Mobilizing hematopoietic progenitor cells in donors with sickle cell trait is safe. Hematology, Transfusion and Cell Therapy, 2019, 41, 101-102.	0.2	0
332	SAT0002â€…DIFFERENTIAL RECONSTITUTION OF B-CELL SUBSETS IN SYSTEMIC SCLEROSIS PATIENTS AFTER AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANTATION. , 2019, , .		0
333	Mobilisation and harvesting of haematopoietic progenitor cell in autoimmune diseases. Transfusion and Apheresis Science, 2020, 59, 102680.	1.0	0
334	Deep sequencing applied to the analysis of viromes in patients with beta-thalassemia. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2021, 63, e40.	1.1	0
335	Hepatitis delta: In vitro evaluation of cytotoxicity and cytokines involved in PEG-IFN therapy. International Immunopharmacology, 2021, 91, 107302.	3.8	0
336	Deep viral metagenomics in patients with haemophilia receiving plasmaâ€derived coagulation factor concentrates. Haemophilia, 2021, 27, e645-e648.	2.1	0
337	The AssociaÃ§Ã£o Brasileira de Hematologia, Hemoterapia e Terapia Celular seeks the implementation of, and access to, the CAR-T cell treatment in Brazil. Hematology, Transfusion and Cell Therapy, 2021, 43, S1-S2.	0.2	0
338	Non-Invasive Methods for Iron Concentration Assessment. AIP Conference Proceedings, 2002, , .	0.4	0
339	The Residual Risk of Transfusion-Transmitted HIV Infection in a Public Brazilian Blood Center.. Blood, 2006, 108, 4140-4140.	1.4	0
340	Expansion and Multipotencial Differentiation of Mesenchymal Stem Cells Isolated from Patients after High Dose Chemotherapy.. Blood, 2006, 108, 4259-4259.	1.4	0
341	NFÎºB-Mediated Up-Regulation of Transcription Factors Related to More Primitive State of Hematopoietic Progenitor Cells.. Blood, 2007, 110, 1246-1246.	1.4	0
342	Susceptometric avaliation of chelation with deferoxamine. Revista Brasileira De Hematologia E Hemoterapia, 2008, 30, .	0.7	0

#	Article	IF	Citations
343	Perforin and hematological cancer. Revista Brasileira De Hematologia E Hemoterapia, 2011, 33, 254-255.	0.7	0
344	Abstract LB-304: Bone marrow-derived endothelial cells migrate to tumor sites and contribute to functional tumor vasculature. , 2011, , .		0
345	Mir-16 and 21 Deregulation Are Linked to Anti-Apoptotic Bcl-2 Gene Expression in Polycythemia Vera. Blood, 2012, 120, 5057-5057.	1.4	0
346	Generation of Functional Regulatory T Cells From Umbilical Cord Blood Naiì^ve T Cells: Potential Role of Hydroxymethylation in the Epigenetic Reprograming and Transcriptional Induction of FoxP3. Blood, 2012, 120, 4835-4835.	1.4	0
347	Abstract 3826: HoxA10 gene expression profile correlates with tumorigenic potential of medulloblastoma cell lines.. , 2013, , .		0
348	Immune Reconstitution In Fanconi Anemia Patients Following Allogeneic Bone Marrow Transplantation. Blood, 2013, 122, 5487-5487.	1.4	0
349	Abstract 543: Identification of lincRNAs in the HOX domain in adult medulloblastoma by microarray analysis. , 2014, , .		0
350	Abstract B7: Comparison of HOX transcriptional factors and tumor characteristics in medulloblastoma cell lines and adult medulloblastoma. , 2014, , .		0
351	High Aurora Kinase and Low Dido Levels Characterizes a Sub-Group of Chronic Lymphocytic Leukemia with Chromosomal Gains and High White Blood Cell Counts: Potential Inter-Regulatory Role of E2F1 and Mir-17-92 Cluster. Blood, 2016, 128, 2029-2029.	1.4	0
352	T Cell Repertoire Diversity of Sickle Cell Anemia Patients Treated with Allogeneic Hematopoietic Stem Cell Transplantation and Conventional Treatments. Blood, 2016, 128, 4586-4586.	1.4	0
353	FCGR2B B2.4 Haplotype Predicts Increased Risk of Red Blood Cell Alloimmunization in Sickle Cell Disease Patients. Blood, 2018, 132, 1255-1255.	1.4	0
354	Viral metagenomics in blood donors with post-donation diseases and negative tests for dengue and Zika viruses RNA detection during a major outbreak of arboviruses in Sao Paulo State in 2016. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2020, 62, e70.	1.1	0
355	AssociaÃ§Ã£o Brasileira de Hematologia, Hemoterapia e Terapia Celular Consensus on genetically modified cells. V: Manufacture and quality control. Hematology, Transfusion and Cell Therapy, 2021, 43, S35-S41.	0.2	0
356	A Sequencing Network that SÃ£o Paulo State population deserves: a successful case of supporting Public Health. The Lancet Regional Health Americas, 2022, 5, 100180.	2.6	0
357	SARS-CoV-2 serological cross-reactivity testing in Brazilian blood donors, October-December, 2019. Journal of Infection, 2022, , .	3.3	0