Rodrigo T. Calado

List of Publications by Citations

193 papers	5,634 citations	34 h-index	73 g-index
213 ext. papers	6,605 ext. citations	5.1 avg, IF	5.79 L-index

#	Paper	IF	Citations
193	Current concepts in the pathophysiology and treatment of aplastic anemia. *Blood*, **2006**, 108, 2509-19	2.2	628
192	Telomere diseases. *New England Journal of Medicine*, **2009**, 361, 2353-65	59.2	608
191	Mutations in TERT, the gene for telomerase reverse transcriptase, in aplastic anemia. *New England Journal of Medicine*, **2005**, 352, 1413-24	59.2	567
190	Sex hormones, acting on the TERT gene, increase telomerase activity in human primary hematopoietic cells. *Blood*, **2009**, 114, 2236-43	2.2	239
189	Danazol Treatment for Telomere Diseases. *New England Journal of Medicine*, **2016**, 374, 1922-31	59.2	197
188	Aplastic anemia. *Current Opinion in Hematology*, **2008**, 15, 162-8	3.3	189
187	Telomere maintenance and human bone marrow failure. *Blood*, **2008**, 111, 4446-55	2.2	167
186	A spectrum of severe familial liver disorders associate with telomerase mutations. *PLoS ONE*, **2009**, 4, e7926	3.7	156
185	Association of telomere length of peripheral blood leukocytes with hematopoietic relapse, malignant transformation, and survival in severe aplastic anemia. *JAMA - Journal of the American Medical Association*, **2010**, 304, 1358-64	27.4	146
184	Constitutional hypomorphic telomerase mutations in patients with acute myeloid leukemia. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 1187-92	11.5	143
183	Telomere dynamics in mice and humans. *Seminars in Hematology*, **2013**, 50, 165-74	4	120
182	Constitutional telomerase mutations are genetic risk factors for cirrhosis. *Hepatology*, **2011**, 53, 1600-7	11.2	113
181	Complement C3 vs C5 inhibition in severe COVID-19: Early clinical findings reveal differential biological efficacy. *Clinical Immunology*, **2020**, 220, 108598	9	105
180	Direct comparison of flow-FISH and qPCR as diagnostic tests for telomere length measurement in humans. *PLoS ONE*, **2014**, 9, e113747	3.7	100
179	Hematopoiesis in 3 dimensions: human and murine bone marrow architecture visualized by confocal microscopy. *Blood*, **2010**, 116, e41-55	2.2	93
178	Functional characterization of natural telomerase mutations found in patients with hematologic disorders. *Blood*, **2007**, 109, 524-32	2.2	85
177	Short telomeres result in chromosomal instability in hematopoietic cells and precede malignant evolution in human aplastic anemia. *Leukemia*, **2012**, 26, 700-7	10.7	81

176	SAT-179 Increased Telomere Length in Adrenocortical Tumors Is Associated with Abnormal Expression of Chromatin Remodelling Factors. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
175	THPO gene variants in patients with acquired aplastic anemia. *Hematology, Transfusion and Cell Therapy*, **2018**, 40, 339-342	1.6	78
174	Functional characterization of telomerase RNA variants found in patients with hematologic disorders. *Blood*, **2005**, 105, 2332-9	2.2	77
173	Bystander destruction of hematopoietic progenitor and stem cells in a mouse model of infusion-induced bone marrow failure. *Blood*, **2004**, 104, 1671-8	2.2	64
172	Anti-complement Treatment for Paroxysmal Nocturnal Hemoglobinuria: Time for Proximal Complement Inhibition? A Position Paper From the SAAWP of the EBMT. *Frontiers in Immunology*, **2019**, 10, 1157	8.4	62
171	Telomere length is inherited with resetting of the telomere set-point. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10148-53	11.5	59
170	Minor antigen h60-mediated aplastic anemia is ameliorated by immunosuppression and the infusion of regulatory T cells. *Journal of Immunology*, **2007**, 178, 4159-68	5.3	58
169	Defective telomere elongation and hematopoiesis from telomerase-mutant aplastic anemia iPSCs. *Journal of Clinical Investigation*, **2013**, 123, 1952-63	15.9	54
168	Telomere attrition and candidate gene mutations preceding monosomy 7 in aplastic anemia. *Blood*, **2015**, 125, 706-9	2.2	51
167	Telomeres and marrow failure. *Hematology American Society of Hematology Education Program*, **2009**, 338-43	3.1	51
166	Mutations in the SBDS gene in acquired aplastic anemia. *Blood*, **2007**, 110, 1141-6	2.2	51
165	Human umbilical cord-derived mesenchymal stromal cells protect against premature renal senescence resulting from oxidative stress in rats with acute kidney injury. *Stem Cell Research and Therapy*, **2017**, 8, 19	8.3	47
164	Exome sequencing reveals a thrombopoietin ligand mutation in a Micronesian family with autosomal recessive aplastic anemia. *Blood*, **2013**, 122, 3440-9	2.2	47
163	Immunologic aspects of hypoplastic myelodysplastic syndrome. *Seminars in Oncology*, **2011**, 38, 667-72	5.5	43
162	Influence of functional MDR1 gene polymorphisms on P-glycoprotein activity in CD34+ hematopoietic stem cells. *Haematologica*, **2002**, 87, 564-8	6.6	41
161	Natural history of pulmonary fibrosis in two subjects with the same telomerase mutation. *Chest*, **2011**, 139, 1203-1209	5.3	39
160	Genetic variation in telomeric repeat binding factors 1 and 2 in aplastic anemia. *Experimental Hematology*, **2006**, 34, 664-71	3.1	37
159	Age-related changes of the multidrug resistance P-glycoprotein function in normal human peripheral blood T lymphocytes. *Brazilian Journal of Medical and Biological Research*, **2003**, 36, 1653-7	2.8	33

158	Telomeres in disease. *F1000 Medicine Reports*, **2012**, 4, 8		32
157	Telomere length and telomerase complex mutations in pediatric acute myeloid leukemia. *Leukemia*, **2013**, 27, 1786-9	10.7	31
156	Treatment of inherited bone marrow failure syndromes beyond transplantation. *Hematology American Society of Hematology Education Program*, **2017**, 2017, 96-101	3.1	28
155	Optimization of therapy for severe aplastic anemia based on clinical, biologic, and treatment response parameters: conclusions of an international working group on severe aplastic anemia convened by the Blood and Marrow Transplant Clinical Trials Network, March 2010. *Biology of Blood and Marrow Transplantation*, **2011**, 17, 291-9	4.7	28
154	Inflammatory biomarkers and telomere length in women with polycystic ovary syndrome. *Fertility and Sterility*, **2015**, 103, 542-7.e2	4.8	27
153	A Nonrandomized Trial of Progressive Resistance Training Intervention in Women With Polycystic Ovary Syndrome and Its Implications in Telomere Content. *Reproductive Sciences*, **2016**, 23, 644-54	3	27
152	Human telomere disease due to disruption of the CCAAT box of the TERC promoter. *Blood*, **2012**, 119, 3060-3	2.2	27
151	Telomerase: not just for the elongation of telomeres. *BioEssays*, **2006**, 28, 109-12	4.1	27
150	Heterozygous variants in bone marrow failure and myeloid neoplasms. *Blood Advances*, **2018**, 2, 36-48	7.8	27
149	Ivosidenib and Azacitidine in -Mutated Acute Myeloid Leukemia.. *New England Journal of Medicine*, **2022**, 386, 1519-1531	59.2	26
148	Age-adjusted recipient pretransplantation telomere length and treatment-related mortality after hematopoietic stem cell transplantation. *Blood*, **2012**, 120, 3353-9	2.2	24
147	HFE gene mutations in coronary atherothrombotic disease. *Brazilian Journal of Medical and Biological Research*, **2000**, 33, 301-6	2.8	24
146	Consequences of acute oxidative stress in Leishmania amazonensis: From telomere shortening to the selection of the fittest parasites. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2017**, 1864, 138-150	4.9	23
145	Intravenous infusion of allogeneic mesenchymal stromal cells in refractory or relapsed aplastic anemia. *Cytotherapy*, **2015**, 17, 1696-705	4.8	20
144	Defective stromal cell function in a mouse model of infusion-induced bone marrow failure. *Experimental Hematology*, **2005**, 33, 901-8	3.1	19
143	Pathogenic TERT promoter variants in telomere diseases. *Genetics in Medicine*, **2019**, 21, 1594-1602	8.1	18
142	Acquired TERT promoter mutations stimulate TERT transcription in mantle cell lymphoma. *American Journal of Hematology*, **2016**, 91, 481-5	7.1	17
141	Higher expression of transcription targets and components of the nuclear factor-kappaB pathway is a distinctive feature of umbilical cord blood CD34+ precursors. *Stem Cells*, **2007**, 25, 189-96	5.8	17

140	Age-related changes of immunophenotypically immature lymphocytes in normal human peripheral blood. *Cytometry*, **1999**, 38, 133-7		17
139	BCL2A1a over-expression in murine hematopoietic stem and progenitor cells decreases apoptosis and results in hematopoietic transformation. *PLoS ONE*, **2012**, 7, e48267	3.7	15
138	Erosion of telomeric single-stranded overhang in patients with aplastic anaemia carrying telomerase complex mutations. *European Journal of Clinical Investigation*, **2009**, 39, 1025-32	4.6	15
137	Telomeres in lung diseases. *Progress in Molecular Biology and Translational Science*, **2014**, 125, 173-83	4	14
136	Single-nucleotide polymorphism array (SNP-A) improves the identification of chromosomal abnormalities by metaphase cytogenetics in myelodysplastic syndrome. *Journal of Clinical Pathology*, **2017**, 70, 435-442	3.9	13
135	Somatic genetic rescue in hematopoietic cells in GATA2 deficiency. *Blood*, **2020**, 136, 1002-1005	2.2	13
134	A mutation in the H/ACA box of telomerase RNA component gene (TERC) in a young patient with myelodysplastic syndrome. *BMC Medical Genetics*, **2014**, 15, 68	2.1	13
133	Graft-versus-host disease: role of inflammation in the development of chromosomal abnormalities of keratinocytes. *Biology of Blood and Marrow Transplantation*, **2010**, 16, 1665-73	4.7	12
132	Genomic monitoring unveil the early detection of the SARS-CoV-2 B.1.351 (beta) variant (20H/501Y.V2) in Brazil. *Journal of Medical Virology*, **2021**, 93, 6782-6787	19.7	12
131	The relationship among sperm global DNA methylation, telomere length, and DNA fragmentation in varicocele: a cross-sectional study of 20 cases. *Systems Biology in Reproductive Medicine*, **2019**, 65, 95-104	2.9	12
130	Telomerase variant A279T induces telomere dysfunction and inhibits non-canonical telomerase activity in esophageal carcinomas. *PLoS ONE*, **2014**, 9, e101010	3.7	11
129	Interleukin-23 receptor (IL-23R) gene polymorphisms in acquired aplastic anemia. *Annals of Hematology*, **2009**, 88, 653-7	3	11
128	Age-related changes of P-glycoprotein-mediated rhodamine 123 efflux in normal human bone marrow hematopoietic stem cells. *Leukemia*, **2003**, 17, 816-8	10.7	11
127	Nucleocapsid (N) Gene Mutations of SARS-CoV-2 Can Affect Real-Time RT-PCR Diagnostic and Impact False-Negative Results.. *Viruses*, **2021**, 13,	6.2	11
126	Telomere dysfunction and hematologic disorders. *Progress in Molecular Biology and Translational Science*, **2014**, 125, 133-57	4	10
125	Reduced function of the multidrug resistance P-glycoprotein in CD34+ cells of patients with aplastic anaemia. *British Journal of Haematology*, **2002**, 118, 320-6	4.5	10
124	Telomere biology and telomerase mutations in cirrhotic patients with hepatocellular carcinoma. *PLoS ONE*, **2017**, 12, e0183287	3.7	10
123	Aplastic anaemia and telomerase RNA mutations. *Lancet, The*, **2002**, 360, 1608	40	9

122	Telomere dynamics and hematopoietic differentiation of human DKC1-mutant induced pluripotent stem cells. *Stem Cell Research*, **2019**, 40, 101540	1.6	8
121	Telomerase enzyme deficiency promotes metabolic dysfunction in murine hepatocytes upon dietary stress. *Liver International*, **2018**, 38, 144-154	7.9	8
120	Rabbit antithymocyte globulin dose does not affect response or survival as first-line therapy for acquired aplastic anemia: a multicenter retrospective study. *Annals of Hematology*, **2018**, 97, 2039-2046	3	8
119	Skewed X-chromosome inactivation and shorter telomeres associate with idiopathic premature ovarian insufficiency. *Fertility and Sterility*, **2018**, 110, 476-485.e1	4.8	8
118	Retinal function after intravitreal injection of autologous bone marrow-derived mesenchymal stromal cells in advanced glaucoma. *Documenta Ophthalmologica*, **2021**, 143, 33-38	2.2	8
117	Telomere length correlates with disease severity and inflammation in sickle cell disease. *Revista Brasileira De Hematologia E Hemoterapia*, **2017**, 39, 140-145		7
116	GATA2 mutation in long stand Mycobacterium kansasii infection, myelodysplasia and MonoMAC syndrome: a case-report. *BMC Medical Genetics*, **2019**, 20, 64	2.1	7
115	Telomere length and telomerase expression in pituitary tumors. *Journal of Endocrinological Investigation*, **2015**, 38, 1243-6	5.2	7
114	Predictors of early mortality after rabbit antithymocyte globulin as first-line treatment in severe aplastic anemia. *Annals of Hematology*, **2017**, 96, 1907-1914	3	7
113	Repeat course of rabbit antithymocyte globulin as salvage following initial therapy with rabbit antithymocyte globulin in acquired aplastic anemia. *Haematologica*, **2015**, 100, e345-7	6.6	7
112	High frequency of copy number alterations in myeloid leukaemia of Down syndrome. *British Journal of Haematology*, **2012**, 158, 800-3	4.5	7
111	Decreased activity of the multidrug resistance P-glycoprotein in acquired aplastic anaemia: possible pathophysiologic implications. *British Journal of Haematology*, **1998**, 102, 1157-61	4.5	7
110	AGILE: A Phase 3, Multicenter, Double-Blind, Randomized, Placebo-Controlled Study of Ivosidenib in Combination with Azacitidine in Adult Patients with Previously Untreated Acute Myeloid Leukemia with an IDH1 Mutation. *Blood*, **2019**, 134, 2593-2593	2.2	7
109	Telomere Length of Peripheral Blood Leukocytes Predicts Relapse and Clonal Evolution after Immunosuppressive Therapy in Severe Aplastic Anemia. *Blood*, **2008**, 112, 442-442	2.2	7
108	Telomere Length and Telomerase Activity in Immature Oocytes and Cumulus Cells of Women with Polycystic Ovary Syndrome. *Reproductive Sciences*, **2020**, 27, 1293-1303	3	7
107	Categorizing hematological response to eculizumab in paroxysmal nocturnal hemoglobinuria: a multicenter real-life study. *Bone Marrow Transplantation*, **2021**, 56, 2600-2602	4.4	7
106	Cardiac autonomic modulation, C-reactive protein or telomere length: which of these variables has greater importance to aging?. *International Journal of Cardiology*, **2015**, 178, 79-81	3.2	6
105	Splicing factor SF3B1 mutations and ring sideroblasts in myelodysplastic syndromes: a Brazilian cohort screening study. *Revista Brasileira De Hematologia E Hemoterapia*, **2016**, 38, 320-324		6

104	Histo-blood group A is a risk factor for severe COVID-19. *Transfusion Medicine*, **2021**,	1.3	5
103	Is the telomere length associated with neurocognitive disabilities in HIV-1-infected subjects?. *Revista Do Instituto De Medicina Tropical De Sao Paulo*, **2018**, 60, e16	2.2	5
102	The telomere attrition rate is not accelerated in women born small for gestational age: A birth cohort study. *Gene*, **2017**, 600, 16-20	3.8	4
101	Ex vivo evaluation of intravitreal mesenchymal stromal cell viability using bioluminescence imaging. *Stem Cell Research and Therapy*, **2018**, 9, 155	8.3	4
100	PTPN22 620W allele is not associated with aplastic anemia. *American Journal of Hematology*, **2007**, 82, 291-2	7.1	4
99	Constitutional Loss-of-Function Mutations in Telomerase Are Genetic Risk Factors for Acute Myeloid Leukemia.. *Blood*, **2007**, 110, 16-16	2.2	4
98	AGILE: A Global, Randomized, Double-Blind, Phase 3 Study of Ivosidenib + Azacitidine Versus Placebo + Azacitidine in Patients with Newly Diagnosed Acute Myeloid Leukemia with an IDH1 Mutation. *Blood*, **2021**, 138, 697-697	2.2	4
97	Shwachman-Diamond syndrome: first molecular diagnosis in a Brazilian child. *Revista Brasileira De Hematologia E Hemoterapia*, **2013**, 35, 290-2		4
96	Efficacy matters: broadening complement inhibition in COVID-19. *Lancet Rheumatology, The*, **2021**, 3, e95	14.2	4
95	Assessment of monocytic component in acute myelomonocytic and monocytic/monoblastic leukemias by a chemiluminescent assay. *The Hematology Journal*, **2003**, 4, 26-30		4
94	Efficacy of COVID-19 outbreak management in a skilled nursing facility based on serial testing for early detection and control. *Brazilian Journal of Infectious Diseases*, **2021**, 25, 101570	2.8	4
93	Absence of TERT promoter mutations in pituitary adenomas. *Journal of Endocrinological Investigation*, **2016**, 39, 933-4	5.2	4
92	Short telomere length in peripheral blood leukocytes in head and neck cancer: Findings in a Brazilian cohort. *Head and Neck*, **2019**, 41, 672-677	4.2	4
91	Familial pulmonary fibrosis: a heterogeneous spectrum of presentations. *Jornal Brasileiro De Pneumologia*, **2019**, 45, e20180079	1.1	3
90	No impact of lentiviral transduction on hematopoietic stem/progenitor cell telomere length or gene expression in the rhesus macaque model. *Molecular Therapy*, **2014**, 22, 52-8	11.7	3
89	Clinical profile, biological markers, and comorbidity index as predictors of transplant-related mortality after allo-HSCT. *Blood Advances*, **2017**, 1, 1409-1413	7.8	3
88	Interphase Chromosome Flow-FISH. *Blood*, **2012**, 120, e54-9	2.2	3
87	RMRP mutations in hematological disorders. *Clinical Genetics*, **2007**, 71, 468-70	4	3

86	Effects of Progressive Resistance Training on Obesity Indices in Polycystic Ovary Syndrome and the Relationship With Telomere Length. *Journal of Physical Activity and Health*, **2019**, 16, 601-607	2.5	3
85	Hematological Response to Eculizumab in Paroxysmal Nocturnal Hemoglobinuria: Application of a Novel Classification to Identify Unmet Clinical Needs and Future Clinical Goals. *Blood*, **2019**, 134, 3517-3517	2.2	3
84	Short-Term Aerobic Exercise Did Not Change Telomere Length While It Reduced Testosterone Levels and Obesity Indexes in PCOS: A Randomized Controlled Clinical Trial Study. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
83	Complement C3 vs C5 inhibition in severe COVID-19: early clinical findings reveal differential biological efficacy		3
82	Immunosenescence in chronic HIV infected patients impairs essential functions of their natural killer cells. *International Immunopharmacology*, **2020**, 84, 106568	5.8	2
81	Telomere length analysis in monoclonal B-cell lymphocytosis and chronic lymphocytic leukemia Binet A. *Brazilian Journal of Medical and Biological Research*, **2017**, 50, e6019	2.8	2
80	The interpretation of rare or novel variants: damaging vs. disease-causing. *Hematology, Transfusion and Cell Therapy*, **2018**, 40, 3-4	1.6	2
79	Absence of SBDS mutations in sporadic paediatric acute myeloid leukaemia. *British Journal of Haematology*, **2013**, 160, 559-61	4.5	2
78	Comparison of microRNA expression in high-count monoclonal B-cell lymphocytosis and Binet A chronic lymphocytic leukemia. *Revista Brasileira De Hematologia E Hemoterapia*, **2017**, 39, 237-243		2
77	MDR1 gene C3435T polymorphism and the risk of acquired aplastic anaemia. *British Journal of Haematology*, **2002**, 117, 769	4.5	2
76	Neutrophil-to-lymphocyte ratio and D-dimer are biomarkers of death risk in severe COVID-19: A retrospective observational study.. *Health Science Reports*, **2022**, 5, e514	2.2	2
75	Telomere Elongation and Clinical Improvement in Telomeropathy Patients: A Prospective Clinical Trial of Nandrolone in Telomeropathies. *Blood*, **2019**, 134, 2501-2501	2.2	2
74	Evidence for T-Cell Oligoclonal Expansion in Aplastic Anemia Associated with Telomerase Complex Mutations: Pathophysiological and Clinical Implications.. *Blood*, **2005**, 106, 1052-1052	2.2	2
73	Sex Hormones Up-Regulate Telomerase Activity of Normal Human Hematopoietic Cells and Restore Telomerase Activity in Carriers of Telomerase Complex Mutations.. *Blood*, **2005**, 106, 2276-2276	2.2	2
72	Sex Hormones Modulate the Length of Telomeres of Normal and Telomerase-Mutant Leukocytes through the Estrogen Receptor Pathway.. *Blood*, **2006**, 108, 182-182	2.2	2
71	Telomere Shortening and Genomic Instability: Primary Cells from Patients with Telomere Repair Complex Mutations Are Susceptible to End-to-End Chromosome Fusion and Aneuploidy.. *Blood*, **2006**, 108, 2079-2079	2.2	2
70	A Large Mennonite Family with a Novel K570N TERT Gene Mutation: Association with a Clinical Spectrum of Bone Marrow Failure, Acute Myeloid Leukemia, and Acute Liver Failure.. *Blood*, **2006**, 108, 992-992	2.2	2
69	Leukocyte Telomere Length Correlates with Disease Severity and Inflammation in Sickle Cell Disease. *Blood*, **2015**, 126, 2173-2173	2.2	2

68	Eltrombopag preferentially expands haematopoietic multipotent progenitors in human aplastic anaemia. *British Journal of Haematology*, **2021**, 193, 410-414	4.5	2
67	Molecular surveillance of the on-going SARS-COV-2 epidemic in Ribeirao Preto City, Brazil. *Infection, Genetics and Evolution*, **2021**, 93, 104976	4.5	2
66	Lack of mutations in the human telomerase RNA component (hTERC) gene in Fanconi's anemia. *Haematologica*, **2004**, 89, 1012-3	6.6	2
65	A novel homozygous RTEL1 variant in a consanguineous Lebanese family: phenotypic heterogeneity and disease anticipation. *Human Genetics*, **2019**, 138, 1323-1330	6.3	1
64	TBI with lung dose reduction does not improve hematopoietic cell homing to BM during allogeneic transplantation. *Bone Marrow Transplantation*, **2010**, 45, 25-30	4.4	1
63	Aplastic anemia. *Current Opinion in Internal Medicine*, **2008**, 7, 338-344		1
62	Leukocyte Detection Using Nucleus Contour Propagation. *Lecture Notes in Computer Science*, **2006**, 389-396	0.3	1
61	Eltrombopag Specifically Expands Hematopoietic Multipotent Progenitors in Human Aplastic Anemia. *Blood*, **2020**, 136, 23-23	2.2	1
60	Towards Improved Decision-Making Based on Genomics in Bone Marrow Failure. *Blood*, **2018**, 132, 2587-2587	2.2	1
59	UM171 Regulates the Hematopoietic Differentiation of Human Acquired Aplastic Anemia-Derived Induced Pluripotent Stem Cells. *Blood*, **2019**, 134, 2500-2500	2.2	1
58	Lin□CD117+ Hematopoietic Cells Preferentially Home to Spleen and Their Migration Is Affected by Selectins.. *Blood*, **2005**, 106, 1400-1400	2.2	1
57	Mutations in the Telomerase Reverse Transcriptase Gene Predisposes to Myelodysplastic Syndromes.. *Blood*, **2009**, 114, 415-415	2.2	1
56	Clinical and Genetic Heterogeneity of Telomere Diseases.. *Blood*, **2012**, 120, 2373-2373	2.2	1
55	Androgen Treatment Mitigates Hematopoietic Cell Telomere Attrition In Vivo. *Blood*, **2012**, 120, 516-516	2.2	1
54	Heterozygous RTEL1 variants in Patients with Bone Marrow Failure Associate with Telomere Dysfunction in the Absence of Telomere Shortening. *Blood*, **2016**, 128, 1044-1044	2.2	1
53	Clonal Hematopoiesis in Telomere Biology Disorders Associates with the Underlying Germline Defect and Somatic Mutations in POT1, PPM1D, and TERT promoter. *Blood*, **2021**, 138, 1111-1111	2.2	1
52	Genomic-Based Machine Learning Towards Prediction of the Etiology of Bone Marrow Failure Syndromes. *Blood*, **2021**, 138, 2182-2182	2.2	1
51	Viability of Chimeric Antigen Receptor T Cell Therapy in Latin America. *Blood*, **2021**, 138, 4843-4843	2.2	1

50	Introduction of SARS-CoV-2 C.37 (WHO VOI lambda) in the Sao Paulo State, Southeast Brazil. *Journal of Medical Virology*, **2021**,	19.7	1
49	Genes Encoding Telomere-Binding Proteins TERF1, TERF2 and TIN2 Are mutated in Patients with Acquired Aplastic Anemia.. *Blood*, **2004**, 104, 170-170	2.2	1
48	Functional Characterization of Telomerase RNA Variants Found in Patients with Hematological Disorders.. *Blood*, **2004**, 104, 2832-2832	2.2	1
47	Possible Involvement of Hsp90 in the Regulation of Telomere Length and Telomerase Activity During the Developmental Cycle and Population Proliferation. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 713415	5.7	1
46	Human Telomere Disease Due to Disruption of the CCAAT Box of the TERC Promoter. *Blood*, **2011**, 118, 2405-2405	2.2	1
45	COVID-19 Infection in Sickle Cell Patients in a Developing Country: A Case Series. *Acta Haematologica*, **2021**, 1-4	2.7	1
44	Telomere length is not altered in girls with idiopathic central precocious puberty treated with a GnRH analog - leuprolide acetate. *Gynecological Endocrinology*, **2020**, 36, 1119-1123	2.4	0
43	COVID-19 bimodal clinical and pathological phenotypes.. *Clinical and Translational Medicine*, **2022**, 12, e648	5.7	0
42	Cell senescence and malignant transformation in the inherited bone marrow failure syndromes: Overlapping pathophysiology with therapeutic implications.. *Seminars in Hematology*, **2022**, 59, 30-37	4	0
41	Telomere Elongation and Hematologic Improvement in Humans Treated with Androgens: A Prospective Clinical Trial of Danazol in Telomeropathies. *Blood*, **2014**, 124, 258-258	2.2	0
40	Association between socioeconomic markers and adult telomere length differs according to sex: Pro-Saúde study. *Brazilian Journal of Medical and Biological Research*, **2020**, 53, e10223	2.8	0
39	Genomic monitoring of the SARS-CoV-2 B1.1.7 (WHO VOC Alpha) in the Sao Paulo state, Brazil. *Virus Research*, **2021**, 308, 198643	6.4	0
38	Latin American Collaborative Research on Aplastic Anemia (LARAA): creating a regional registry. *Blood Advances*, **2019**, 3, 51-54	7.8	0
37	Effects chronic administration of corticosterone and estrogen on HPA axis activity and telomere length in brain areas of female rats. *Brain Research*, **2021**, 1750, 147152	3.7	0
36	Prevalence of virological and serological markers of SARS-CoV-2 infection in the population of Ribeirão Preto, Southeast Brazil: an epidemiological survey. *Revista Da Sociedade Brasileira De Medicina Tropical*, **2021**, 54, e02102021	1.5	0
35	Treatment of severe COVID-19 patients with either low- or high-volume of convalescent plasma standard of care: A multicenter Bayesian randomized open-label clinical trial (COOP-COVID-19-MCTI).. *The Lancet Regional Health Americas*, **2022**, 10, 100216		0
34	Defective hematopoietic differentiation of immune aplastic anemia patient-derived iPSCs.. *Cell Death and Disease*, **2022**, 13, 412	9.8	0
33	Telomerase Function in Aging **2014**, 41-51		

32	Targeting telomerase: T-cell friendly fire. *Blood*, **2010**, 115, 1316	2.2
31	Immunogenetic, Molecular and Clinical Determinants of Clonal Evolution in Aplastic Anemia and Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2021**, 138, 602-602	2.2
30	U2AF1 and Other Splicing Factor Gene Mutations in Telomere Biology Disorders Are Associated with Hematologic Neoplasia and Worse Overall Survival. *Blood*, **2021**, 138, 862-862	2.2
29	Efficacy and Safety of Eltrombopag Combined with Cyclosporine As First-Line Therapy in Adults with Severe Acquired Aplastic Anemia: Results of the Interventional Phase 2 Single-Arm Soar Study. *Blood*, **2021**, 138, 2174-2174	2.2
28	COVID-19 Incidence in Asymptomatic Cancer Patients Undergoing Chemotherapy. *Blood*, **2021**, 138, 4972-4972	2.2
27	Mutations in TERT, the Gene Encoding Telomerase Reverse Transcriptase, in Acquired Aplastic Anemia Inhibit Enzymatic Function by a Dominant Negative Mechanism of Action.. *Blood*, **2004**, 104, 3-3	2.2
26	Genetic Variation in TERF1 but Not TERF2 Is Associated with Aplastic Anemia Risk.. *Blood*, **2005**, 106, 1037-1037	2.2
25	BCL2A1 Is A Survival and Immortalization Factor for Primitive Myeloid Hematopoietic Cells.. *Blood*, **2007**, 110, 3365-3365	2.2
24	Telomeric Recombination in Lymphocytes Implicates ALT, an Alternative Mechanism for Telomere Length Maintenance, in Normal Human Hematopoietic Cells.. *Blood*, **2007**, 110, 1332-1332	2.2
23	Somatic TERT promoter Mutations in a Broad Spectrum of Telomeropathies. *Blood*, **2018**, 132, 539-539	2.2
22	Repeat Course of Rabbit Antithymocyte Globulin As Salvage Following Initial Therapy with Rabbit Antithymocyte Globulin in Acquired Aplastic Anemia. *Blood*, **2014**, 124, 2944-2944	2.2
21	Telomere Biology Gene Mutation and Transplant Outcome in Patients with Dyskeratosis Congenita. *Blood*, **2015**, 126, 4785-4785	2.2
20	Telomere Dynamics in Monoclonal B-Cell Lymphocytosis and Binet a Chronic Lymphocytic Leukemia. *Blood*, **2015**, 126, 5266-5266	2.2
19	Clinical Characteristics, Biological Markers and Comorbidity Indexes As Predictors of Transplant-Related Mortality after Allogeneic Hematopoietic Stem Cell Transplantation: Which One Should We Choose?. *Blood*, **2016**, 128, 3478-3478	2.2
18	Inflammation Caused by Allogeneic Lymphocytes Results in Aneuploidy in Bone Marrow Mononuclear Cells (BMMNC). *Blood*, **2008**, 112, 3112-3112	2.2
17	Characterization of Novel Natural Mutations in Telomere Binding Protein Factor (TIN2) Identified in Patients with Bone-Marrow Failure Syndromes. *Blood*, **2008**, 112, 3101-3101	2.2
16	Hematopoiesis in Three-Dimensions: Tissue Architecture of Murine and Human Bone Marrow Visualized to a Depth of 100 Micron by Confocal Microscopy. *Blood*, **2008**, 112, 4781-4781	2.2
15	Identification and Functional Characterization of Novel Telomerase Variant Alleles in Patients with Bone-Marrow Failure Syndromes. *Blood*, **2008**, 112, 4113-4113	2.2

14	Erosion of Telomeric Single-Stranded Overhang in Patients with Aplastic Anemia Carrying Telomerase Mutations.. *Blood*, **2009**, 114, 1079-1079	2.2
13	Telomere Shortening Promotes Chromosomal Instability and Predicts Malignant Clonal Evolution in Aplastic Anemia.. *Blood*, **2009**, 114, 3208-3208	2.2
12	Reduced Hematopoietic Stem Cell Function in a Mouse Model with Conditional Pig-a Gene Deletion.. *Blood*, **2009**, 114, 2428-2428	2.2
11	BCL2A1 Is a Survival and Immortalization Factor for Primitive Hematopoietic Cells.. *Blood*, **2009**, 114, 2957-2957	2.2
10	Does a Chronic Inflammatory Process Underlie Clonal Progression In Aplastic Anemia?- In Vitro and In Vivo Evidence That Inflammation Produces Aneuploidy for Chromosomes 7 and 8 In Replicating Cells. *Blood*, **2010**, 116, 641-641	2.2
9	TINF2 Mutations In Patients with Aplastic Anemia Result In Low TIN2 Expression In Hematopoietic Cells and Very Short Telomeres.. *Blood*, **2010**, 116, 1165-1165	2.2
8	Age-Adjusted Recipient Pre-Transplant Telomere Length and Treatment Related Mortality After Hematopoietic Stem Cell Transplantation. *Blood*, **2011**, 118, 490-490	2.2
7	Spectral Karyotyping (SKY) Reveals a New Subset of MDS Patients with Clonal Chromosomal Abnormalities Not Detected by G-Banding Analysis. *Blood*, **2011**, 118, 1718-1718	2.2
6	Telomere Dynamics in Pluripotent Stem Cells Derived From Patients with Telomere Diseases. *Blood* , **2011**, 118, 51-51	2.2
5	Telomeropathies **2012**, 169-187	
4	Telomere Length and Telomerase Complex Mutations in Pediatric Acute Myeloid Leukemia. *Blood*, **2012**, 120, 1482-1482	2.2
3	Interphase Chromosome Flow-FISH. *Blood*, **2012**, 120, 4925-4925	2.2
2	Telomere Length In Acute Promyelocytic Leukemia. *Blood*, **2013**, 122, 1348-1348	2.2
1	The spectrum of paroxysmal nocturnal hemoglobinuria clinical presentation in a Brazilian single referral center.. *Annals of Hematology*, **2022**, 101, 999-1007	3