

# Maria Carolina O Rodrigues

## List of Publications by Year in descending order

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107  
papers

3,463  
citations

159358

30  
h-index

149479

56  
g-index

108  
all docs

108  
docs citations

108  
times ranked

4064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autologous Nonmyeloablative Hematopoietic Stem Cell Transplantation in Newly Diagnosed Type 1 Diabetes Mellitus. <i>JAMA - Journal of the American Medical Association</i> , 2007, 297, 1568.	3.8	482
2	C-Peptide Levels and Insulin Independence Following Autologous Nonmyeloablative Hematopoietic Stem Cell Transplantation in Newly Diagnosed Type 1 Diabetes Mellitus. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 1573.	3.8	370
3	Effect of Nonmyeloablative Hematopoietic Stem Cell Transplantation vs Continued Disease-Modifying Therapy on Disease Progression in Patients With Relapsing-Remitting Multiple Sclerosis. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 165.	3.8	208
4	Impaired blood-brain/spinal cord barrier in ALS patients. <i>Brain Research</i> , 2012, 1469, 114-128.	1.1	183
5	Association of Nonmyeloablative Hematopoietic Stem Cell Transplantation With Neurological Disability in Patients With Relapsing-Remitting Multiple Sclerosis. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 275.	3.8	164
6	Cardiac involvement and treatment-related mortality after non-myeloablative haemopoietic stem-cell transplantation with unselected autologous peripheral blood for patients with systemic sclerosis: a retrospective analysis. <i>Lancet, The</i> , 2013, 381, 1116-1124.	6.3	129
7	Amyotrophic lateral sclerosis: A neurovascular disease. <i>Brain Research</i> , 2011, 1398, 113-125.	1.1	103
8	Cardiopulmonary assessment of patients with systemic sclerosis for hematopoietic stem cell transplantation: recommendations from the European Society for Blood and Marrow Transplantation Autoimmune Diseases Working Party and collaborating partners. <i>Bone Marrow Transplantation</i> , 2017, 52, 1495-1503.	1.3	88
9	Autologous hematopoietic SCT normalizes miR-16, -155 and -142-3p expression in multiple sclerosis patients. <i>Bone Marrow Transplantation</i> , 2015, 50, 380-389.	1.3	79
10	Immune rebound associates with a favorable clinical response to autologous HSCT in systemic sclerosis patients. <i>Blood Advances</i> , 2018, 2, 126-141.	2.5	71
11	Brazilian experience with two conditioning regimens in patients with multiple sclerosis: BEAM/horse ATG and CY/rabbit ATG. <i>Bone Marrow Transplantation</i> , 2010, 45, 239-248.	1.3	69
12	Immunological Balance Is Associated with Clinical Outcome after Autologous Hematopoietic Stem Cell Transplantation in Type 1 Diabetes. <i>Frontiers in Immunology</i> , 2017, 8, 167.	2.2	65
13	Peripheral Nerve Repair with Cultured Schwann Cells: Getting Closer to the Clinics. <i>Scientific World Journal, The</i> , 2012, 2012, 1-10.	0.8	58
14	Use of therapeutic laser for prevention and treatment of oral mucositis. <i>Brazilian Dental Journal</i> , 2009, 20, 215-220.	0.5	57
15	Autologous stem cell transplantation for progressive systemic sclerosis: a prospective non-interventional study from the European Society for Blood and Marrow Transplantation Autoimmune Disease Working Party. <i>Haematologica</i> , 2021, 106, 375-383.	1.7	57
16	Autologous hematopoietic stem cell transplantation in neuromyelitis optica: A registry study of the EBMT Autoimmune Diseases Working Party. <i>Multiple Sclerosis Journal</i> , 2015, 21, 189-197.	1.4	56
17	Immunological correlates of favorable long-term clinical outcome in multiple sclerosis patients after autologous hematopoietic stem cell transplantation. <i>Clinical Immunology</i> , 2016, 169, 47-57.	1.4	55
18	Blood-Brain Barrier Alterations Provide Evidence of Subacute Diaschisis in an Ischemic Stroke Rat Model. <i>PLoS ONE</i> , 2013, 8, e63553.	1.1	53

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19	Multiple Intravenous Administrations of Human Umbilical Cord Blood Cells Benefit in a Mouse Model of ALS. PLoS ONE, 2012, 7, e31254.	1.1	53
20	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. Cell Transplantation, 2016, 25, 201-215.	1.2	50
21	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.	2.4	46
22	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.	1.2	44
23	Does ex vi vo CD34+ positive selection influence outcome after autologous hematopoietic stem cell transplantation in systemic sclerosis patients?. Bone Marrow Transplantation, 2016, 51, 501-505.	1.3	39
24	Onset and outcome of pregnancy after autologous haematopoietic SCT (AHSCT) for autoimmune diseases: a retrospective study of the EBMT autoimmune diseases working party (ADWP). Bone Marrow Transplantation, 2015, 50, 216-220.	1.3	38
25	Autologous Hematopoietic Stem Cell Transplantation for Type 1 Diabetes. Annals of the New York Academy of Sciences, 2008, 1150, 220-229.	1.8	37
26	Recent progress in cell therapy for basal ganglia disorders with emphasis on menstrual blood transplantation in stroke. Neuroscience and Biobehavioral Reviews, 2012, 36, 177-190.	2.9	37
27	The innate and adaptive immunological aspects in neurodegenerative diseases. Journal of Neuroimmunology, 2014, 269, 1-8.	1.1	37
28	Neurovascular Aspects of Amyotrophic Lateral Sclerosis. International Review of Neurobiology, 2012, 102, 91-106.	0.9	33
29	Menstrual Blood-Derived Stem Cells: In Vitro and In Vivo Characterization of Functional Effects. Advances in Experimental Medicine and Biology, 2016, 951, 111-121.	0.8	33
30	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.	1.3	33
31	Haematopoietic stem cell transplantation in autoimmune diseases: From basic science to clinical practice. Current Research in Translational Medicine, 2016, 64, 71-82.	1.2	32
32	Breaking the Barrier in Stroke: What Should we Know? A Mini-Review. Current Pharmaceutical Design, 2012, 18, 3615-3623.	0.9	29
33	Autologous haematopoietic stem cell transplantation reduces abnormalities in the expression of immune genes in multiple sclerosis. Clinical Science, 2015, 128, 111-120.	1.8	29
34	Management of Endothelial Dysfunction in Systemic Sclerosis: Current and Developing Strategies. Frontiers in Medicine, 2021, 8, 788250.	1.2	25
35	Autologous Hematopoietic Stem Cell Transplantation for Autoimmune Diseases: From Mechanistic Insights to Biomarkers. Frontiers in Immunology, 2018, 9, 2602.	2.2	23
36	Nestin Overexpression Precedes Caspase-3 Upregulation in Rats Exposed to Controlled Cortical Impact Traumatic Brain Injury. Cell Medicine, 2012, 4, 55-63.	5.0	22

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37	Hematopoietic stem cell transplantation for systemic sclerosis: Brazilian experience. <i>Advances in Rheumatology</i> , 2021, 61, 9.	0.8	22
38	Transcriptional profiling reveals intrinsic mRNA alterations in multipotent mesenchymal stromal cells isolated from bone marrow of newly-diagnosed type 1 diabetes patients. <i>Stem Cell Research and Therapy</i> , 2016, 7, 92.	2.4	21
39	Toward Personalized Cell Therapies: Autologous Menstrual Blood Cells for Stroke. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	20
40	Emerging Aspects of the Body Composition, Bone Marrow Adipose Tissue and Skeletal Phenotypes in Type 1 Diabetes Mellitus. <i>Journal of Clinical Densitometry</i> , 2019, 22, 420-428.	0.5	20
41	Risks, Benefits, and Therapeutic Potential of Hematopoietic Stem Cell Transplantation for Autoimmune Diabetes. <i>Current Diabetes Reports</i> , 2012, 12, 604-611.	1.7	19
42	Defective expression of apoptosis-related molecules in multiple sclerosis patients is normalized early after autologous haematopoietic stem cell transplantation. <i>Clinical and Experimental Immunology</i> , 2017, 187, 383-398.	1.1	18
43	Haematopoietic stem cell transplantation for refractory Takayasu's arteritis. <i>British Journal of Rheumatology</i> , 2004, 43, 1308-1309.	2.5	17
44	Immunological Aspects in Amyotrophic Lateral Sclerosis. <i>Translational Stroke Research</i> , 2012, 3, 331-340.	2.3	15
45	A review of hematopoietic stem cell transplantation for autoimmune diseases: multiple sclerosis, systemic sclerosis and Crohn's disease. Position paper of the Brazilian Society of Bone Marrow Transplantation. <i>Hematology, Transfusion and Cell Therapy</i> , 2021, 43, 65-86.	0.1	15
46	Autologous haematopoietic stem cell transplantation restores the suppressive capacity of regulatory B cells in systemic sclerosis patients. <i>Rheumatology</i> , 2021, 60, 5538-5548.	0.9	15
47	Zika and chikungunya virus infections in hematopoietic stem cell transplant recipients and oncohematological patients. <i>Blood Advances</i> , 2017, 1, 624-627.	2.5	14
48	New Horizons in the Treatment of Type 1 Diabetes: More Intense Immunosuppression and Beta Cell Replacement. <i>Frontiers in Immunology</i> , 2018, 9, 1086.	2.2	14
49	New autoimmune diseases after autologous hematopoietic stem cell transplantation for multiple sclerosis. <i>Bone Marrow Transplantation</i> , 2021, 56, 1509-1517.	1.3	14
50	Six cases of leprosy associated with allogeneic hematopoietic SCT. <i>Bone Marrow Transplantation</i> , 2007, 40, 859-863.	1.3	12
51	Menstrual blood transplantation for ischemic stroke: Therapeutic mechanisms and practical issues. <i>Interventional Medicine &amp; Applied Science</i> , 2012, 4, 59-68.	0.2	12
52	Microvascular Complications in Type 1 Diabetes: A Comparative Analysis of Patients Treated with Autologous Nonmyeloablative Hematopoietic Stem-Cell Transplantation and Conventional Medical Therapy. <i>Frontiers in Endocrinology</i> , 2017, 8, 331.	1.5	12
53	Durometry as an alternative tool to the modified Rodnan's skin score in the assessment of diffuse systemic sclerosis patients: a cross-sectional study. <i>Advances in Rheumatology</i> , 2020, 60, 48.	0.8	12
54	Guidelines of the Brazilian Society of Bone Marrow Transplantation on hematopoietic stem cell transplantation as a treatment for the autoimmune diseases systemic sclerosis and multiple sclerosis. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2013, 35, 134-43.	0.7	12

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55	Severity and mortality of COVID-19 in patients with systemic sclerosis: a Brazilian multicenter study. <i>Seminars in Arthritis and Rheumatism</i> , 2022, 55, 151987.	1.6	12
56	Testicular function in patients with type 1 diabetes treated with high-dose CY and autologous hematopoietic SCT. <i>Bone Marrow Transplantation</i> , 2012, 47, 467-468.	1.3	11
57	Cardiac Assessment Before Stem Cell Transplantation for Systemic Sclerosis. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1803.	3.8	11
58	Stem cell therapy for diabetes mellitus. <i>Kidney International Supplements</i> , 2011, 1, 94-98.	4.6	10
59	Teplizumab in Relatives at Risk for Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2019, 381, 1879-1881.	13.9	10
60	Bone Marrow Soluble Mediator Signatures of Patients With Philadelphia Chromosome-Negative Myeloproliferative Neoplasms. <i>Frontiers in Oncology</i> , 2021, 11, 665037.	1.3	10
61	Hypoxia priming improves in vitro angiogenic properties of umbilical cord derived-mesenchymal stromal cells expanded in stirred-tank bioreactor. <i>Biochemical Engineering Journal</i> , 2021, 168, 107949.	1.8	9
62	Allogenic bone marrow transplantation in sickle-cell diseases.. <i>Revista Da Associação Médica Brasileira</i> , 2016, 62, 16-22.	0.3	8
63	Automatic Quantitative Computed Tomography Evaluation of the Lungs in Patients With Systemic Sclerosis Treated With Autologous Stem Cell Transplantation. <i>Journal of Clinical Rheumatology</i> , 2020, 26, S158-S164.	0.5	8
64	Autologous hematopoietic stem cell transplantation with reduced-intensity conditioning regimens in refractory Takayasu arteritis: a retrospective multicenter case-series from the Autoimmune Diseases Working Party (ADWP) of the European Society for Blood and Marrow Transplantation (EBMT). <i>Bone Marrow Transplantation</i> , 2020, 55, 2109-2113.	1.3	8
65	Hematopoietic Stem Cell Transplantation Improves Functional Outcomes of Systemic Sclerosis Patients. <i>Journal of Clinical Rheumatology</i> , 2020, 26, S131-S138.	0.5	8
66	Hematopoietic stem cell transplantation reverses white matter injury measured by diffusion-tensor imaging (DTI) in sickle cell disease patients. <i>Bone Marrow Transplantation</i> , 2021, 56, 2705-2713.	1.3	8
67	Mobilization and harvesting of PBPC in newly diagnosed type 1 diabetes mellitus. <i>Bone Marrow Transplantation</i> , 2012, 47, 993-994.	1.3	7
68	CMV-specific clones may lead to reduced TCR diversity and relapse in systemic sclerosis patients treated with AHSCT. <i>Rheumatology</i> , 2020, 59, e38-e40.	0.9	7
69	Transplante de células-tronco hematopoiéticas em doenças reumáticas parte 1: experiência internacional. <i>Revista Brasileira De Reumatologia</i> , 2005, 45, 229.	0.8	6
70	Autologous hematopoietic stem cell transplantation modifies specific aspects of systemic sclerosis-related microvasculopathy. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2022, 14, 1759720X2210848.	1.2	6
71	Clinical studies using stem cells for treatment of retinal diseases: state of the art. <i>Arquivos Brasileiros De Oftalmologia</i> , 2020, 83, 160-167.	0.2	5
72	Life after Autologous Hematopoietic Stem Cell Transplantation for Systemic Sclerosis. <i>Journal of Blood Medicine</i> , 2021, Volume 12, 951-964.	0.7	5

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73	Consenso brasileiro para transplante de células-tronco hematopoiéticas para tratamento de doenças autoimunes. Revista Brasileira De Hematologia E Hemoterapia, 0, 32, 125-135.	0.7	4
74	Successful outcome of allogeneic stem cell transplantation in Seckel syndrome. Pediatric Transplantation, 2014, 18, E93-5.	0.5	4
75	Blood transfusion support for sickle cell patients during haematopoietic stem cell transplantation: a single institution experience. British Journal of Haematology, 2020, 190, e295-e297.	1.2	4
76	Autologous hematopoietic stem cell transplantation promotes connective tissue remodeling in systemic sclerosis patients. Arthritis Research and Therapy, 2022, 24, 95.	1.6	4
77	Ethics of Hematopoietic Stem Cell Transplantation in Type 1 Diabetes Mellitus"Reply. JAMA - Journal of the American Medical Association, 2007, 298, 285.	3.8	3
78	THU0501...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.	0.5	3
79	Terapia celular no diabetes mellitus. Revista Brasileira De Hematologia E Hemoterapia, 0, 31, 149-156.	0.7	3
80	Autologous Hematopoietic Stem Cell Transplantation In Neuromyelitis Optica: A Retrospective Study Of The EBMT Autoimmune Diseases Working Party In Collaboration With The University Of Sao Paulo, Ribeirao Preto, Brazil. Blood, 2013, 122, 2125-2125.	0.6	3
81	Virtual learning object in hematopoietic stem cell transplantation for autoimmune diseases. Revista Brasileira De Enfermagem, 2019, 72, 994-1000.	0.2	2
82	Lower Insulin-Dose Adjusted A1c (IDAA1c) Is Associated With Less Complications in Individuals With Type 1 Diabetes Treated With Hematopoietic Stem-Cell Transplantation and Conventional Therapy. Frontiers in Endocrinology, 2019, 10, 747.	1.5	2
83	Editorial: Immune Profile After Autologous Hematopoietic Stem Cell Transplantation for Autoimmune Diseases: Where Do We Stand?. Frontiers in Immunology, 2019, 10, 3044.	2.2	2
84	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.	0.6	2
85	Curativo gel de clorexidina no transplante de células-tronco hematopoiéticas. ACTA Paulista De Enfermagem, 2020, 33, .	0.1	2
86	Allogeneic haematopoietic stem cell transplantation resets T and B cell compartments in sickle cell disease patients. Clinical and Translational Immunology, 2022, 11, e1389.	1.7	2
87	Autologous HSCT for systemic sclerosis " Authors'reply. Lancet, The, 2013, 381, 2080-2081.	6.3	1
88	Dysbiosis and Gut Microbiota Modulation in Systemic Sclerosis. Journal of Clinical Rheumatology, 2022, 28, e568-e573.	0.5	1
89	Long-Term Effects of Allogeneic Hematopoietic Stem Cell Transplantation on Systemic Inflammation in Sickle Cell Disease Patients. Frontiers in Immunology, 2021, 12, 774442.	2.2	1
90	Transplante de células-tronco hematopoiéticas em doenças reumáticas. Parte 2: experiência brasileira e perspectivas futuras. Revista Brasileira De Reumatologia, 2005, 45, 301.	0.8	0

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91	Nephrotic Syndrome After Hematopoietic Cell Transplantation: Manifestation Of GVHD. <i>Biology of Blood and Marrow Transplantation</i> , 2010, 16, S315.	2.0	0
92	A Tribute to Section Editor Prof. Julio C. Voltarelli. <i>Cell Transplantation</i> , 2012, 21, 799-799.	1.2	0
93	Stroke Therapy Using Menstrual Blood Stem-Like Cells: Method. , 2012, , 191-197.		0
94	OP0010...Autologous Hematopoietic Stem Cell Transplantation Increases T-Cell PD-1 Expression and Regulatory Mechanisms in Systemic Sclerosis Patients. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 67.3-68.	0.5	0
95	Blogs cannot separate wheat from chaff. <i>Science</i> , 2017, 358, 602-602.	6.0	0
96	THU0712-HPR...QUALITY OF LIFE OF PATIENTS WITH MULTIPLE SCLEROSIS AND SYSTEMIC SCLEROSIS SUBMITTED TO HSCT: A COMPARATIVE AND LONGITUDINAL STUDY. , 2019, , .		0
97	SAT0002...DIFFERENTIAL RECONSTITUTION OF B-CELL SUBSETS IN SYSTEMIC SCLEROSIS PATIENTS AFTER AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANTATION. , 2019, , .		0
98	Mobilisation and harvesting of haematopoietic progenitor cell in autoimmune diseases. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102680.	0.5	0
99	Nursing interventions in autologous stem cell transplantation for autoimmune diseases. <i>Journal of Advanced Nursing</i> , 2020, 76, 3473-3482.	1.5	0
100	HSCT FOR AUTOIMMUNE DISEASES. <i>Journal of Bone Marrow Transplantation and Cellular Therapy</i> , 2021, 2, 127-130.	0.1	0
101	Fludarabine and Oral Busulfan: A Low Toxicity Conditioning Regimen When Plasma Level Targeting and Intravenous Busulfan Is Not Available. A Brazilian Experience.. <i>Blood</i> , 2005, 106, 5302-5302.	0.6	0
102	Haploidentical Stem Cell Transplantation without T Cell Depletion: A Brazilian Protocol.. <i>Blood</i> , 2006, 108, 5413-5413.	0.6	0
103	Comprimidos mastigáveis de ferro carbonila como alternativa para melhor adesão ao tratamento da anemia ferropriva: análise de dois estudos. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2008, 30, .	0.7	0
104	Outcome Of Pregnancy After Autologous Hematopoietic Stem Cell Transplantation (AHSCT) For Autoimmune Diseases (AD): A Retrospective Study Of The EBMT Autoimmune Diseases Working Party (ADWP). <i>Blood</i> , 2013, 122, 4640-4640.	0.6	0
105	Does Ex Vivo CD34+ Cell Selection Change the Outcome of Systemic Sclerosis Patients Treated with Autologous Hematopoietic Stem Cell Transplantation (AHSCT), an Adwp EBMT Study?. <i>Blood</i> , 2014, 124, 2517-2517.	0.6	0
106	Autologous Hematopoietic Stem Cell Therapy of the Subjects with Systemic Sclerosis: Electromyographic Results of the Masticatory Muscles. <i>Prague Medical Report</i> , 2020, 121, 163-171.	0.4	0
107	Editorial for "Diastolic Function Assessment of Left and Right Ventricles by MRI in Systemic Sclerosis Patients". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1427-1428.	1.9	0