

# Paolo Rebulla

## List of Publications by Year in descending order

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96  
papers

4,517  
citations

109321

35  
h-index

102487

66  
g-index

103  
all docs

103  
docs citations

103  
times ranked

5135  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Threshold for Prophylactic Platelet Transfusions in Adults with Acute Myeloid Leukemia. New England Journal of Medicine, 1997, 337, 1870-1875.	27.0	564
2	Factors associated with outcomes of unrelated cord blood transplant: Guidelines for donor choice. Experimental Hematology, 2004, 32, 397-407.	0.4	384
3	Platelet transfusions. Lancet, The, 2007, 370, 427-438.	13.7	276
4	Platelet Transfusion for Patients With Cancer: American Society of Clinical Oncology Clinical Practice Guideline Update. Journal of Clinical Oncology, 2018, 36, 283-299.	1.6	217
5	Molecular and phenotypic characterization of human amniotic fluid cells and their differentiation potential. Cell Research, 2006, 16, 329-336.	12.0	175
6	Life-Sparing Effect of Human Cord Blood-Mesenchymal Stem Cells in Experimental Acute Kidney Injury. Stem Cells, 2010, 28, 513-522.	3.2	161
7	Oct-4 Expression in Adult Human Differentiated Cells Challenges Its Role as a Pure Stem Cell Marker. Stem Cells, 2007, 25, 1675-1680.	3.2	151
8	A randomized controlled clinical trial evaluating the performance and safety of platelets treated with MIRASOL pathogen reduction technology. Transfusion, 2010, 50, 2362-2375.	1.6	148
9	Human umbilical cord blood mesenchymal stem cells protect mice brain after trauma*. Critical Care Medicine, 2011, 39, 2501-2510.	0.9	130
10	What is beyond a qRT-PCR study on mesenchymal stem cell differentiation properties: how to choose the most reliable housekeeping genes. Journal of Cellular and Molecular Medicine, 2013, 17, 168-180.	3.6	128
11	Global hemostasis tests in patients with cirrhosis before and after prophylactic platelet transfusion. Liver International, 2013, 33, 362-367.	3.9	107
12	Red cell alloantibodies in thalassemia major. Results of an Italian cooperative study. Transfusion, 1985, 25, 110-112.	1.6	101
13	Banking together. EMBO Reports, 2008, 9, 307-313.	4.5	88
14	Guidance on Platelet Transfusion for Patients With Hypoproliferative Thrombocytopenia. Transfusion Medicine Reviews, 2015, 29, 3-13.	2.0	87
15	Methodologic issues in the use of bleeding as an outcome in transfusion medicine studies. Transfusion, 2003, 43, 742-752.	1.6	85
16	Identification of preleukemic precursors of hyperdiploid acute lymphoblastic leukemia in cord blood. Genes Chromosomes and Cancer, 2004, 40, 38-43.	2.8	78
17	Removal of white cells from red cells by transfusion through a new filter. Transfusion, 1990, 30, 30-33.	1.6	71
18	Current status of cord blood banking and transplantation in the United States and Europe. Biology of Blood and Marrow Transplantation, 2001, 7, 635-645.	2.0	69

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19	Differentiation and migration properties of human foetal umbilical cord perivascular cells: potential for lung repair. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 796-808.	3.6	60
20	Evidence of Distinct Tumour-Propagating Cell Populations with Different Properties in Primary Human Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2011, 6, e21369.	2.5	56
21	Correlation Between Perioperative Blood Transfusion and Prognosis of Patients Subjected to Surgery for Stage I Lung Cancer. <i>Chest</i> , 2003, 124, 102-107.	0.8	54
22	Platelet gel from cord blood: A novel tool for tissue engineering. <i>Platelets</i> , 2010, 21, 549-554.	2.3	52
23	A novel method for banking dental pulp stem cells. <i>Transfusion and Apheresis Science</i> , 2012, 47, 199-206.	1.0	51
24	In vitro quantification of anti-red blood cell antibody production in idiopathic autoimmune haemolytic anaemia: effect of mitogen and cytokine stimulation. <i>British Journal of Haematology</i> , 2000, 111, 452-460.	2.5	50
25	Dose of desferrioxamine and evolution of HIV infection in thalassaemic patients. <i>British Journal of Haematology</i> , 1994, 87, 849-852.	2.5	49
26	A descriptive analysis of international transfusion practice and bleeding outcomes in patients with acute leukemia. <i>Transfusion</i> , 2006, 46, 903-911.	1.6	45
27	Myocardial blood flow and infarct size after CD133+ cell injection in large myocardial infarction with good recanalization and poor reperfusion: results from a randomized controlled trial. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 239-248.	1.5	45
28	Differential microRNA signature of human mesenchymal stem cells from different sources reveals an environmental-niche memory for bone marrow stem cells. <i>Experimental Cell Research</i> , 2013, 319, 1562-1574.	2.6	45
29	Long-term expansion and maintenance of cord blood haematopoietic stem cells using thrombopoietin, Flt3-ligand, interleukin (IL)-6 and IL-11 in a serum-free and stroma-free culture system. <i>British Journal of Haematology</i> , 2001, 112, 397-404.	2.5	42
30	The Milan Cord Blood Bank and the Italian Cord Blood Network. <i>Stem Cells and Development</i> , 1996, 5, 117-122.	1.0	41
31	Cell Lines Derived from Human Parthenogenetic Embryos Can Display Aberrant Centriole Distribution and Altered Expression Levels of Mitotic Spindle Check-point Transcripts. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 340-352.	5.6	40
32	Efficacy of HLA-matched platelet transfusions for patients with hypoproliferative thrombocytopenia: a systematic review. <i>Transfusion</i> , 2013, 53, 2230-2242.	1.6	40
33	Banking cord blood stem cells: attitude and knowledge of pregnant women in five European countries. <i>Transfusion</i> , 2011, 51, 578-586.	1.6	39
34	The Role of PET with <sup>13</sup> N-Ammonia and <sup>18</sup> F-FDG in the Assessment of Myocardial Perfusion and Metabolism in Patients with Recent AMI and Intracoronary Stem Cell Injection. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1908-1916.	5.0	38
35	Adipogenic potential in human mesenchymal stem cells strictly depends on adult or foetal tissue harvest. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2456-2466.	2.8	37
36	Utility of cross-matched platelet transfusions in patients with hypoproliferative thrombocytopenia: a systematic review. <i>Transfusion</i> , 2014, 54, 1180-1191.	1.6	35

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37	Practical placental blood banking*. Transfusion Medicine Reviews, 1999, 13, 205-226.	2.0	31
38	Outcomes of an automated procedure for the selection of effective platelets for patients refractory to random donors based on cross-matching locally available platelet products. British Journal of Haematology, 2004, 125, 83-89.	2.5	31
39	Allogeneic mesenchymal stem cell infusion for the stabilization of focal segmental glomerulosclerosis. Biologicals, 2013, 41, 439-445.	1.4	27
40	HIV and HTLV infections in 1305 transfusion-dependent thalassemics in Italy. Aids, 1992, 6, 505-508.	2.2	26
41	The long and winding road to pathogen reduction of platelets, red blood cells and whole blood. British Journal of Haematology, 2019, 186, 655-667.	2.5	26
42	The sickle cell hemolytic transfusion reaction syndrome. Transfusion, 1997, 37, 1098-1099.	1.6	25
43	Reasons for discard of umbilical cord blood units before cryopreservation. Transfusion, 2000, 40, 122-123.	1.6	25
44	REVISITATION OF THE CLINICAL INDICATIONS FOR THE TRANSFUSION OF PLATELET CONCENTRATES. Reviews in Clinical and Experimental Hematology, 2001, 5, 288-310.	0.1	23
45	Endothelial Colony Forming Capacity is Related to C-Reactive Protein Levels in Healthy Subjects. Current Neurovascular Research, 2006, 3, 99-106.	1.1	23
46	Ultraviolet light-based pathogen inactivation and alloimmunization after platelet transfusion: results from a randomized trial. Transfusion, 2018, 58, 1210-1217.	1.6	23
47	Review of the quality monitoring methods used by countries using or implementing universal leukoreduction. Transfusion Medicine Reviews, 2004, 18, 25-35.	2.0	21
48	Biobanking in the Year 2007. Transfusion Medicine and Hemotherapy, 2007, 34, 286-292.	1.6	21
49	Implementation of a Quality System (ISO 9000 Series) for Placental Blood Banking. Stem Cells and Development, 1998, 7, 19-35.	1.0	20
50	Cord blood banking 2002: 112,010 of 7,914,773 chances. Transfusion, 2002, 42, 1246-1248.	1.6	19
51	Cord blood platelet gel treatment of dystrophic recessive epidermolysis bullosa. BMJ Case Reports, 2015, 2015, bcr2014207364-bcr2014207364.	0.5	18
52	In Vitro Evaluation of Graft-versus-Graft Alloreactivity as a Tool to Identify the Predominant Cord Blood Unit before Double Cord Blood Transplantation. Biology of Blood and Marrow Transplantation, 2012, 18, 1108-1118.	2.0	17
53	Stem Cell Salvage of Injured Peripheral Nerve. Cell Transplantation, 2015, 24, 213-222.	2.5	17
54	Immune hemolytic anemia associated with teicoplanin. Transfusion, 2004, 44, 73-76.	1.6	16

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55	Comparison of different serum-free media for ex vivo expansion of HPCs from cord blood using thrombopoietin, Flt-3 ligand, IL-6, and IL-11. Transfusion, 2001, 41, 718-719.	1.6	15
56	Mononuclear cells from a rare blood donor, after freezing under good manufacturing practice conditions, generate red blood cells that recapitulate the rare blood phenotype. Transfusion, 2014, 54, 1059-1070.	1.6	15
57	Potential advantages of cell administration on the inflammatory response compared to standard ACE inhibitor treatment in experimental myocardial infarction. Journal of Translational Medicine, 2008, 6, 30.	4.4	14
58	Stem cell and cellular therapy developments. Biologicals, 2009, 37, 103-107.	1.4	14
59	An analysis of decision making in cord blood donation through a participatory approach. Transfusion and Apheresis Science, 2010, 42, 299-305.	1.0	14
60	A new mutant erythrocyte glucosephosphate isomerase (GPI) associated with GSH abnormality. American Journal of Hematology, 1978, 5, 11-23.	4.1	13
61	Outcomes of a program to evaluate mother and baby 6 months after umbilical cord blood donation. Transfusion, 2001, 41, 606-610.	1.6	12
62	An improved method for white cell counting in white cell-reduced red cells. Transfusion, 1994, 34, 453-454.	1.6	11
63	Ultrastructural Features of CD34+Hematopoietic Progenitor Cells from Bone Marrow, Peripheral Blood and Umbilical Cord Blood. Leukemia and Lymphoma, 2001, 42, 699-708.	1.3	11
64	Ten-year quality control of a semiautomated procedure of cord blood unit volume reduction. Transfusion, 2009, 49, 563-569.	1.6	11
65	Incidence of AIDS in HIV-1 infected thalassaemia patients. British Journal of Haematology, 1992, 81, 109-112.	2.5	10
66	The Ethics of Cord Blood Banking in Light of Ownership, Informed Consent, and Solidarity. Cell Preservation Technology, 2006, 4, 91-96.	0.6	10
67	Development of a biological resource center for cellular therapy and biobanking in a public polyclinic university hospital. Biologicals, 2008, 36, 79-87.	1.4	10
68	A crosswalk tabular review on methods and outcomes from randomized clinical trials using pathogen reduced platelets. Transfusion, 2020, 60, 1267-1277.	1.6	10
69	Pathogen reduction of blood components during outbreaks of infectious diseases in the European Union: an expert opinion from the European Centre for Disease Prevention and Control consultation meeting. Blood Transfusion, 2019, 17, 433-448.	0.4	9
70	Flow-cytometric approach to the prompt laboratory diagnosis of TRALI: a case report. European Journal of Haematology, 2004, 73, 295-299.	2.2	8
71	Serial Transplantations in Nonobese Diabetic/Severe Combined Immunodeficiency Mice of Transduced Human CD34+Cord Blood Cells: Efficient Oncoretroviral Gene Transfer and Ex Vivo Expansion Under Serum-Free Conditions. Stem Cells, 2006, 24, 1201-1212.	3.2	8
72	Simultaneous characterization of progenitor cell compartments in adult human liver. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 31-40.	1.5	8

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73	Evaluation of an easy and affordable flow cytometer for volumetric haematopoietic stem cell counting. Blood Transfusion, 2014, 12, 416-20.	0.4	8
74	Clinical evaluation of allogeneic eye drops from cord blood platelet lysate. Blood Transfusion, 2021, 19, 347-356.	0.4	8
75	Development of a mock hemopoietic stem cell component suitable for the validation of cryopreservation procedures. Transfusion and Apheresis Science, 2006, 34, 299-307.	1.0	6
76	Training practices of hematopoietic progenitor cell-apheresis and -cord blood collection staff: analysis of a survey by the Alliance for Harmonisation of Cellular Therapy Accreditation. Transfusion, 2014, 54, 3138-3144.	1.6	6
77	The Lombardy Rare Donor Programme. Blood Transfusion, 2014, 12 Suppl 1, s249-55.	0.4	5
78	Pathogen Reduction for Platelets – A Review of Recent Implementation Strategies. Pathogens, 2022, 11, 142.	2.8	5
79	The translocation of marrow MNCs after experimental myocardial cryoinjury is proportional to the infarcted area. Transfusion, 2004, 44, 239-244.	1.6	4
80	Molecular and phenotypical characterization of human amniotic fluid cells and their differentiation potential. Bio-Medical Materials and Engineering, 2008, 18, 183-185.	0.6	3
81	Pleural tissue repair with cord blood platelet gel. Blood Transfusion, 2014, 12 Suppl 1, s235-42.	0.4	3
82	The pH value in platelet concentrates prepared and stored for 5 days in bags of seven manufacturers. Transfusion, 1990, 30, 850-851.	1.6	2
83	DURATION OF FIRST REMISSION IN LEUKAEMIC RECIPIENTS OF LEUCOCYTE-POOR BLOOD COMPONENTS. British Journal of Haematology, 1992, 80, 135-135.	2.5	2
84	A bioassay of thyrotrophin by photografted mammalian cells onto polymeric supports. Biotechnology and Bioengineering, 1993, 42, 255-259.	3.3	2
85	Peripheral blood count abnormalities among patients with hepatitis C in the United States. Hepatology, 2002, 36, 1025-1026.	7.3	2
86	Cord blood banking and transplantation in 2010. Transfusion and Apheresis Science, 2010, 42, 253-254.	1.0	2
87	From pH to MALDI-TOF: Hundreds of spotted opportunities?. Journal of Proteomics, 2012, 76, 270-274.	2.4	2
88	Role of the blood service in cellular therapy. Biologicals, 2012, 40, 218-221.	1.4	2
89	More on the safety of cord blood collection. Transfusion, 1996, 36, 937-938.	1.6	1
90	Building and managing a biological resource centre. ISBT Science Series, 2008, 3, 119-123.	1.1	1

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91	Identification of New Hematopoietic Cell Subsets with a Polyclonal Antibody Library Specific for Neglected Proteins. PLoS ONE, 2012, 7, e34395.	2.5	1
92	REXIC project: retrospective cross-sectional study of documentation of informed consent for research biobanking in a public research and teaching hospital. Journal of Public Health Research, 2013, 2, 10.	1.2	1
93	Leukocyte contamination of platelet-rich plasma prepared using an optical sensor. Transfusion, 1987, 27, 368-368.	1.6	0
94	The Use and Quality Control of Leukocyte-Depleted Cell Concentrates. Vox Sanguinis, 1998, 75, 86-87.	1.5	0
95	The above letter was sent to Heddle et al.: Dr Heddle offered the following reply. Transfusion, 2003, 43, 1763-1763.	1.6	0
96	Biological Resource Centers, Cord Blood Banking, and Regenerative and Personalized Medicine. Cell Preservation Technology, 2006, 4, 2-3.	0.6	0