

Scott T Avecilla

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

2,213
citations

13
h-index

47
g-index

61
ext. papers

2,417
ext. citations

5.7
avg, IF

3.99
L-index

#	Paper	IF	Citations
51	Chemokine-mediated interaction of hematopoietic progenitors with the bone marrow vascular niche is required for thrombopoiesis. <i>Nature Medicine</i> , 2004 , 10, 64-71	50.5	631
50	Cytokine-mediated deployment of SDF-1 induces revascularization through recruitment of CXCR4+ hemangiocytes. <i>Nature Medicine</i> , 2006 , 12, 557-67	50.5	567
49	The bone marrow vascular niche: home of HSC differentiation and mobilization. <i>Physiology</i> , 2005 , 20, 349-56	9.8	348
48	Angiogenic factors reconstitute hematopoiesis by recruiting stem cells from bone marrow microenvironment. <i>Annals of the New York Academy of Sciences</i> , 2003 , 996, 49-60	6.5	117
47	Tie2 activation contributes to hemangiogenic regeneration after myelosuppression. <i>Blood</i> , 2005 , 106, 505-13	2.2	95
46	Thrombospondins deployed by thrombopoietic cells determine angiogenic switch and extent of revascularization. <i>Journal of Clinical Investigation</i> , 2006 , 116, 3277-91	15.9	83
45	Plasma-diluted thrombin time to measure dabigatran concentrations during dabigatran etexilate therapy. <i>American Journal of Clinical Pathology</i> , 2012 , 137, 572-4	1.9	73
44	Functional heterogeneity of the bone marrow vascular niche. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1176, 47-54	6.5	53
43	Tumor vasculature address book: identification of stage-specific tumor vessel zip codes by phage display. <i>Cancer Cell</i> , 2003 , 4, 331-3	24.3	44
42	Results of lookback for Chagas disease since the inception of donor screening at New York Blood Center. <i>Transfusion</i> , 2013 , 53, 1083-7	2.9	26
41	Ex Vivo CD34-Selected T Cell-Depleted Peripheral Blood Stem Cell Grafts for Allogeneic Hematopoietic Stem Cell Transplantation in Acute Leukemia and Myelodysplastic Syndrome Is Associated with Low Incidence of Acute and Chronic Graft-versus-Host Disease and High Treatment Response. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 452-458	4.7	25
40	Safety and feasibility of chimeric antigen receptor T cell therapy after allogeneic hematopoietic cell transplantation in relapsed/ refractory B cell non-Hodgkin lymphoma. <i>Leukemia</i> , 2019 , 33, 2540-2544	10.7	20
39	How do I perform hematopoietic progenitor cell selection?. <i>Transfusion</i> , 2016 , 56, 1008-12	2.9	16
38	Impact of Toxicity on Survival for Older Adult Patients after CD34 Selected Allogeneic Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 142-149	4.7	13
37	A novel hematopoietic progenitor cell mobilization and collection algorithm based on preemptive CD34 enumeration. <i>Transfusion</i> , 2015 , 55, 2010-6	2.9	13
36	Standard Antithymocyte Globulin Dosing Results in Poorer Outcomes in Overexposed Patients after Ex Vivo CD34 Selected Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1526-1535	4.7	10
35	The Impact of Toxicities on First-Year Outcomes after Ex Vivo CD34-Selected Allogeneic Hematopoietic Cell Transplantation in Adults with Hematologic Malignancies. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 2004-2011	4.7	9

34	Comparison of manual hematocrit determinations versus automated methods for hematopoietic progenitor cell apheresis products. <i>Transfusion</i> , 2016 , 56, 528-32	2.9	9
33	Effects of Late Toxicities on Outcomes in Long-Term Survivors of Ex-Vivo CD34-Selected Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 133-141	4.7	8
32	High progression-free survival after intermediate intensity double unit cord blood transplantation in adults. <i>Blood Advances</i> , 2020 , 4, 6064-6076	7.8	7
31	Evaluation of peripheral blood mononuclear cell collection by leukapheresis. <i>Transfusion</i> , 2019 , 59, 1765-1772	6	6
30	Investigational use of PEGylated carboxyhemoglobin bovine in a Jehovah's Witness with hemorrhagic shock. <i>Transfusion</i> , 2018 , 58, 2297-2300	2.9	6
29	Can the interval between antibody identifications be increased for alloimmunized patients?. <i>Transfusion</i> , 2016 , 56, 334-8	2.9	4
28	Severe delayed hemolytic transfusion reaction due to anti-Fy3 in a patient with sickle cell disease undergoing red cell exchange prior to hematopoietic progenitor cell collection for gene therapy. <i>Haematologica</i> , 2021 , 106, 310-312	6.6	4
27	Immune Cytopenias after Ex Vivo CD34+-Selected Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1136-1141	4.7	4
26	Management of thymoma-associated pure red cell aplasia: A novel use of blood substitute HBOC-201 in a Jehovah's Witness. <i>Clinical Case Reports (discontinued)</i> , 2020 , 8, 289-292	0.7	3
25	Stem Cell Mobilization and Autograft Minimal Residual Disease Negativity with Novel Induction Regimens in Multiple Myeloma. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, 1394-1401	4.7	3
24	Getting blood out of a stone: Identification and management of patients with poor hematopoietic cell mobilization. <i>Blood Reviews</i> , 2021 , 47, 100771	11.1	3
23	Guidelines for Cord Blood Unit Thaw and Infusion. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, 1780-1783	4.7	2
22	Engraftment kinetics after transplantation of double unit cord blood grafts combined with haplo-identical CD34+ cells without antithymocyte globulin. <i>Leukemia</i> , 2021 , 35, 850-862	10.7	2
21	A novel method for the laboratory workup of anaphylactic transfusion reactions in haptoglobin-deficient patients. <i>Transfusion</i> , 2020 , 60, 682-687	2.9	1
20	Method comparison study of peripheral blood CD34+ count performed on an Abbott CELL-DYN Sapphire hematology analyzer versus flow cytometry reference procedure (modified ISHAGE). <i>Advances in Cell and Gene Therapy</i> , 2018 , 1, e15	1.2	1
19	Coagulation Factor Products 2019 , 251-260		1
18	Transfusion Management of Patients Receiving Antithrombotic Therapy 2019 , 343-349		1
17	Laboratory Monitoring for Heparins, Fondaparinux, Direct Thrombin Inhibitors, and Oral Anti-Xa Medications 2019 , 933-938		1

16	Universal Engraftment after Allogeneic Hematopoietic Cell Transplantation Using Cryopreserved CD34-Selected Grafts. <i>Transplantation and Cellular Therapy</i> , 2021 , 27, 697.e1-697.e5		1
15	Process and procedural adjustments to improve CD34+ collection efficiency of hematopoietic progenitor cell collections in sickle cell disease. <i>Transfusion</i> , 2021 , 61, 2775-2781	2.9	0
14	CD34+ Enrichment and T-Cell Depletion 2018 , 51-62		
13	Rabbit Anti-Thymocyte Globulin Exposure (rATG) in CD34+ Selected Hematopoietic Cell Transplantation and Its Impact on Immune Reconstitution and Outcomes in Children and Adults. <i>Blood</i> , 2020 , 136, 30-31	2.2	
12	Tie-2 Activation Is Required for Regeneration of Marrow Vasculature, Supporting Hematopoietic Reconstitution.. <i>Blood</i> , 2004 , 104, 1297-1297	2.2	
11	Newly Discovered Polymorphism in the CD34+ Stem Cell Specific AC133-P1 Promoter Linked to Leukemias.. <i>Blood</i> , 2004 , 104, 2002-2002	2.2	
10	Expression of Vascular Endothelial-Cadherin on Leukemic Cells Mediates Their Interaction with Vascular Endothelium.. <i>Blood</i> , 2005 , 106, 2761-2761	2.2	
9	A High Degree of Engrafting Unit-Recipient HLA-Allele Mismatch Is Not Associated with an Increased Risk of Transplant-Related Mortality (TRM) or Inferior Progression-Free Survival (PFS) after Double Unit Cord Blood (CB) Transplantation (dCBT) in Adults with Hematologic Malignancies. <i>Blood</i> , 2018 , 132, 2078-2078	2.2	
8	Double-Unit Cord Blood (CB) Transplantation with Haplo-Identical CD34+ Cells (haplo-dCBT) May Speed Neutrophil Recovery Although Successful Bridging Is Contingent on Close Haplo-Winning CB Unit HLA-Match. <i>Blood</i> , 2018 , 132, 2078-2078	2.2	
7	Comparable Survival and Incidence of Toxicity for Older Adult Patients after CD34+ Selected Allogeneic Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2016 , 128, 1236-1236	2.2	
6	A Comprehensive Analysis of Late Toxicities and Associated Risk Factors in Long-Term Survivors of Myeloablative Conditioned Allogeneic Hematopoietic Cell Transplantation Using Ex-Vivo CD34+ Selection-Based Graft-Versus-Host Disease Prophylaxis. <i>Blood</i> , 2016 , 128, 4621-4621	2.2	
5	An Analysis of Early Toxicities, Associated Risk Factors and Survival during the First Year in Adults Undergoing Ex-Vivo CD34+ Selected Allogeneic Hematopoietic Cell Transplantation for Hematologic Malignancies. <i>Blood</i> , 2016 , 128, 2194-2194	2.2	
4	The Disease Risk Index Predicts Outcomes Including Relapse and Survival in CD34-Selected Allogeneic HCT for Acute Leukemia and Myelodysplastic Syndrome. <i>Blood</i> , 2016 , 128, 3498-3498	2.2	
3	Transfusion Management of Patients Receiving Antithrombotic Therapy 2013 , 343-348		
2	Human Platelet Antigens 2019 , 185-189		
1	A simplified CD34+ based preharvest prediction tool for HPC(A) collection. <i>Transfusion</i> , 2021 , 61, 1525-1532		