

Valerie Vanneaux

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,777
citations

218381

26
h-index

174990

52
g-index

60
all docs

60
docs citations

60
times ranked

4840
citing authors

#	ARTICLE	IF	CITATIONS
1	Human embryonic stem cell-derived cardiac progenitors for severe heart failure treatment: first clinical case report: Figure 1. <i>European Heart Journal</i> , 2015, 36, 2011-2017.	1.0	383
2	Transplantation of Human Embryonic Stem Cell-Derived Cardiovascular Progenitors for Severe Ischemic Left Ventricular Dysfunction. <i>Journal of the American College of Cardiology</i> , 2018, 71, 429-438.	1.2	336
3	Cardiovascular progenitor-derived extracellular vesicles recapitulate the beneficial effects of their parent cells in the treatment of chronic heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 795-807.	0.3	161
4	Towards a clinical use of human embryonic stem cell-derived cardiac progenitors: a translational experience. <i>European Heart Journal</i> , 2015, 36, 743-750.	1.0	137
5	Composite Cell Sheets. <i>Circulation</i> , 2010, 122, S118-23.	1.6	121
6	Autologous Myoblast Transplantation for Oculopharyngeal Muscular Dystrophy: a Phase I/IIa Clinical Study. <i>Molecular Therapy</i> , 2014, 22, 219-225.	3.7	116
7	Conditioned media from mesenchymal stromal cells restore sodium transport and preserve epithelial permeability in an in vitro model of acute alveolar injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L975-L985.	1.3	101
8	Convergence of microengineering and cellular self-organization towards functional tissue manufacturing. <i>Nature Biomedical Engineering</i> , 2017, 1, 939-956.	11.6	90
9	Galactin-1 and Semaphorin-3A Are Two Soluble Factors Conferring T-Cell Immunosuppression to Bone Marrow Mesenchymal Stem Cell. <i>Stem Cells and Development</i> , 2010, 19, 1075-1079.	1.1	88
10	Age-Associated Decrease of the Histone Methyltransferase SUV39H1 in HSC Perturbs Heterochromatin and B Lymphoid Differentiation. <i>Stem Cell Reports</i> , 2016, 6, 970-984.	2.3	88
11	Long-term functional benefits of human embryonic stem cell-derived cardiac progenitors embedded into a fibrin scaffold. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1198-1207.	0.3	80
12	Nanofibrous clinical-grade collagen scaffolds seeded with human cardiomyocytes induces cardiac remodeling in dilated cardiomyopathy. <i>Biomaterials</i> , 2016, 80, 157-168.	5.7	65
13	Mesenchymal stem cells reduce hypoxia-induced apoptosis in alveolar epithelial cells by modulating HIF and ROS hypoxic signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L360-L371.	1.3	56
14	Recovery, viability and clinical toxicity of thawed and washed haematopoietic progenitor cells: analysis of 952 autologous peripheral blood stem cell transplantations. <i>Bone Marrow Transplantation</i> , 2007, 40, 831-835.	1.3	53
15	A polydioxanone electrospun valved patch to replace the right ventricular outflow tract in a growing lamb model. <i>Biomaterials</i> , 2010, 31, 4056-4063.	5.7	50
16	Circumferential Esophageal Replacement by a Tissue-engineered Substitute Using Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2017, 26, 1831-1839.	1.2	49
17	Circadian Clock Genes Modulate Human Bone Marrow Mesenchymal Stem Cell Differentiation, Migration and Cell Cycle. <i>PLoS ONE</i> , 2016, 11, e0146674.	1.1	46
18	Use of Human Umbilical Cord Blood Mononuclear Cells to Prevent Perinatal Brain Injury: A Preclinical Study. <i>Stem Cells and Development</i> , 2013, 22, 169-179.	1.1	42

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19	In Vitro and in Vivo Analysis of Endothelial Progenitor Cells from Cryopreserved Umbilical Cord Blood: Are We Ready for Clinical Application?. <i>Cell Transplantation</i> , 2010, 19, 1143-1155.	1.2	37
20	Stem cells for the treatment of heart failure. <i>Current Research in Translational Medicine</i> , 2016, 64, 97-106.	1.2	36
21	Circumferential esophageal replacement using a tube-shaped tissue-engineered substitute: An experimental study in minipigs. <i>Surgery</i> , 2015, 158, 266-277.	1.0	35
22	Cord bloodâ€circulating endothelial progenitors for treatment of vascular diseases. <i>Cell Proliferation</i> , 2011, 44, 44-47.	2.4	34
23	Expression of transforming growth factor Î² receptor II in mesenchymal stem cells from systemic sclerosis patients. <i>BMJ Open</i> , 2013, 3, e001890.	0.8	34
24	Molecular and Functional Characterization of Lymphoid Progenitor Subsets Reveals a Bipartite Architecture of Human Lymphopoiesis. <i>Immunity</i> , 2017, 47, 680-696.e8.	6.6	33
25	Influence of bone marrow graft B lymphocyte subsets on outcome after HLAâ€identical sibling transplants. <i>British Journal of Haematology</i> , 2009, 145, 107-114.	1.2	29
26	Mesenchymal stem cells protect from hypoxia-induced alveolar epithelial-mesenchymal transition. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L439-L451.	1.3	29
27	Glucocerebrosidase deficiency dramatically impairs human bone marrow haematopoiesis in an <i>in vitro</i> model of Gaucher disease. <i>British Journal of Haematology</i> , 2010, 150, 93-101.	1.2	27
28	Esophageal tissue engineering: Current status and perspectives. <i>Journal of Visceral Surgery</i> , 2016, 153, 21-29.	0.4	27
29	Bone Marrow Microenvironment in an In Vitro Model of Gaucher Disease: Consequences of Glucocerebrosidase Deficiency. <i>Stem Cells and Development</i> , 2012, 21, 239-248.	1.1	25
30	<i>In Vitro</i> Development and Characterization of a Tissue-Engineered Conduit Resembling Esophageal Wall Using Human and Pig Skeletal Myoblast, Oral Epithelial Cells, and Biologic Scaffolds. <i>Tissue Engineering - Part A</i> , 2013, 19, 2242-2252.	1.6	25
31	Bone Marrow Microenvironment in Fanconi Anemia: A Prospective Functional Study in a Cohort of Fanconi Anemia Patients. <i>Stem Cells and Development</i> , 2010, 19, 203-208.	1.1	23
32	Immune response to human embryonic stem cellâ€derived cardiac progenitors and adiposeâ€derived stromal cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1544-1552.	1.6	23
33	A Prospective Study of Bone Marrow Hematopoietic and Mesenchymal Stem Cells in Type 1 Gaucher Disease Patients. <i>PLoS ONE</i> , 2013, 8, e69293.	1.1	22
34	Pluripotent Stem Cells and Other Innovative Strategies for the Treatment of Ocular Surface Diseases. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 171-178.	5.6	22
35	Polymer-Based Reconstruction of the Inferior Vena Cava in Rat: Stem Cells or RGD Peptide?. <i>Tissue Engineering - Part A</i> , 2015, 21, 1552-1564.	1.6	21
36	Design of a 2D no-flow chamber to monitor hematopoietic stem cells. <i>Lab on A Chip</i> , 2015, 15, 77-85.	3.1	20

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37	A clinical-grade acellular matrix for esophageal replacement. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 2191-2203.	1.3	20
38	High Number of Memory T Cells Is Associated with Higher Risk of Acute Graft-versus-Host Disease after Allogeneic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 569-574.	2.0	18
39	Microbial contamination of BM products before and after processing: a report of incidence and immediate adverse events in 257 grafts. <i>Cytotherapy</i> , 2007, 9, 508-513.	0.3	16
40	Dynamics of Human Prothymocytes and Xenogeneic Thymopoiesis in Hematopoietic Stem Cell-Engrafted Nonobese Diabetic-SCID/IL-2 α null Mice. <i>Journal of Immunology</i> , 2012, 189, 1648-1660.	0.4	16
41	Toll-like receptor 3 regulates cord blood-derived endothelial cell function in vitro and in vivo. <i>Angiogenesis</i> , 2013, 16, 821-836.	3.7	15
42	Gastrointestinal stability of urolithins: an in vitro approach. <i>European Journal of Nutrition</i> , 2017, 56, 99-106.	4.6	14
43	Human Bone Marrow Mesenchymal Stem Cells Regulate Biased DNA Segregation in Response to Cell Adhesion Asymmetry. <i>Cell Reports</i> , 2013, 5, 601-610.	2.9	13
44	Pro-angiogenic effect of RANTES-loaded polysaccharide-based microparticles for a mouse ischemia therapy. <i>Scientific Reports</i> , 2017, 7, 13294.	1.6	13
45	The role of HGF on invasive properties and repopulation potential of human fetal hepatic progenitor cells. <i>Experimental Cell Research</i> , 2009, 315, 3396-3405.	1.2	11
46	¹⁸ F-FDG labelling of hematopoietic stem cells: Dynamic study of bone marrow homing by PET-CT imaging and impact on cell functionality. <i>Current Research in Translational Medicine</i> , 2016, 64, 141-148.	1.2	10
47	GEP analysis validates high risk MDS and acute myeloid leukemia post MDS mice models and highlights novel dysregulated pathways. <i>Journal of Hematology and Oncology</i> , 2016, 9, 5.	6.9	10
48	Human Muscle Progenitor Cells Displayed Immunosuppressive Effect through Galectin-1 and Semaphorin-3A. <i>Stem Cells International</i> , 2012, 2012, 1-7.	1.2	9
49	Associated factors of umbilical cord blood collection quality. <i>Transfusion</i> , 2018, 58, 520-531.	0.8	9
50	Family cord blood banking for sickle cell disease: a twenty-year experience in two dedicated public cord blood banks. <i>Haematologica</i> , 2017, 102, 976-983.	1.7	8
51	In vitro and in vivo evaluation of cord blood hematopoietic stem and progenitor cells amplified with glycosaminoglycan mimetic. <i>Stem Cell Research and Therapy</i> , 2016, 7, 3.	2.4	7
52	Monoclonal antibody 1.6.1 against human MPL receptor allows HSC enrichment of CB and BM CD34 ⁺ CD38 ⁻ populations. <i>Experimental Hematology</i> , 2016, 44, 297-302.e1.	0.2	5
53	Cord blood attached segment: is this a relevant quality control to predict a good hematopoietic stem cell graft?. <i>Bone Marrow Transplantation</i> , 2017, 52, 1353-1354.	1.3	5
54	The influence of electrospinning parameters on polydioxanone scaffold properties. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025023.	0.6	4

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55	RGD constructs with physical anchor groups as polymer co-electrospinnable cell adhesives. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1312-1317.	1.6	3
56	Graft Product for Autologous Peripheral Blood Stem Cell Transplantation Enhances Thrombin Generation and Expresses Procoagulant Microparticles and Tissue Factor. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018, 24, 684-690.	0.7	2
57	Quantification of nucleated red blood cells in allogeneic marrow graft and impact of processing on recovery. <i>Transfusion</i> , 2007, 47, 266-271.	0.8	1
58	Mesenchymal stem cells reduce hypoxia-induced apoptosis in alveolar epithelial cells by modulating hypoxic signaling. , 2015, , .		0
59	JAK2V617F - Positive Endothelial Cells Display Pro-Thrombotic Characteristics. <i>Blood</i> , 2016, 128, 4273-4273.	0.6	0