

Armand Keating

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.

81
papers

3,415
citations

28
h-index

58
g-index

84
ext. papers

3,811
ext. citations

5.4
avg. IF

5.79
L-index

#	Paper	IF	Citations
81	Mesenchymal stromal cells: new directions. <i>Cell Stem Cell</i> , 2012 , 10, 709-716	18	577
80	Cardioprotective c-kit+ cells are from the bone marrow and regulate the myocardial balance of angiogenic cytokines. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1865-77	15.9	418
79	Mesenchymal stromal cells. <i>Current Opinion in Hematology</i> , 2006 , 13, 419-25	3.3	229
78	Mesenchymal stromal cells mediate a switch to alternatively activated monocytes/macrophages after acute myocardial infarction. <i>Basic Research in Cardiology</i> , 2011 , 106, 1299-310	11.8	191
77	Bone marrow-derived mesenchymal stromal cells express cardiac-specific markers, retain the stromal phenotype, and do not become functional cardiomyocytes in vitro. <i>Stem Cells</i> , 2008 , 26, 2884-92	5.8	176
76	Biology of bone marrow stroma. <i>Annals of the New York Academy of Sciences</i> , 1995 , 770, 70-8	6.5	169
75	Doxorubicin-Conjugated Immuno-Nanoparticles for Intracellular Anticancer Drug Delivery. <i>Advanced Functional Materials</i> , 2009 , 19, 1689-1696	15.6	160
74	A phase I trial of NK-92 cells for refractory hematological malignancies relapsing after autologous hematopoietic cell transplantation shows safety and evidence of efficacy. <i>Oncotarget</i> , 2017 , 8, 89256-89268	3.3	89
73	Meropenem versus ceftazidime in the treatment of cancer patients with febrile neutropenia: a randomized, double-blind trial. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3690-8	2.2	82
72	TLR3 or TLR4 Activation Enhances Mesenchymal Stromal Cell-Mediated Treg Induction via Notch Signaling. <i>Stem Cells</i> , 2017 , 35, 265-275	5.8	79
71	Autotransplants for histologically transformed follicular non-Hodgkin's lymphoma. <i>British Journal of Haematology</i> , 2001 , 113, 202-8	4.5	71
70	Exosomes released by hepatocarcinoma cells endow adipocytes with tumor-promoting properties. <i>Journal of Hematology and Oncology</i> , 2018 , 11, 82	22.4	64
69	The role of intensive therapy and autologous blood and marrow transplantation for chemotherapy-sensitive relapsed and primary refractory non-Hodgkin's lymphoma: identification of major prognostic groups. <i>British Journal of Haematology</i> , 1996 , 92, 880-9	4.5	63
68	Beyond maximum grade: modernising the assessment and reporting of adverse events in haematological malignancies. <i>Lancet Haematology</i> , 2018 , 5, e563-e598	14.6	62
67	Exosomes secreted by mesenchymal stromal/stem cell-derived adipocytes promote breast cancer cell growth via activation of Hippo signaling pathway. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 117	8.3	61
66	CD34 antigen: molecular features and potential clinical applications. <i>Stem Cells</i> , 1993 , 11 Suppl 3, 50-7	5.8	59
65	Harmonizing standards for producing clinical-grade therapies from pluripotent stem cells. <i>Nature Biotechnology</i> , 2014 , 32, 724-6	44.5	54

64	Natural killer cell lines preferentially kill clonogenic multiple myeloma cells and decrease myeloma engraftment in a bioluminescent xenograft mouse model. <i>Haematologica</i> , 2012 , 97, 1020-8	6.6	47
63	Expression of p210 and p190 BCR-ABL due to alternative splicing in chronic myelogenous leukaemia. <i>British Journal of Haematology</i> , 1998 , 103, 711-5	4.5	47
62	Acquired Natural Killer Cell Dysfunction in the Tumor Microenvironment of Classic Hodgkin Lymphoma. <i>Frontiers in Immunology</i> , 2018 , 9, 267	8.4	40
61	Autologous blood cell transplantation versus HLA-identical sibling transplantation for acute myeloid leukemia in first complete remission: a registry study from the Center for International Blood and Marrow Transplantation Research. <i>Haematologica</i> , 2013 , 98, 185-92	6.6	39
60	Collagen scaffold enhances the regenerative properties of mesenchymal stromal cells. <i>PLoS ONE</i> , 2017 , 12, e0187348	3.7	38
59	Human umbilical cord perivascular cells exhibit enhanced cardiomyocyte reprogramming and cardiac function after experimental acute myocardial infarction. <i>Cell Transplantation</i> , 2013 , 22, 1651-66	4	38
58	Effect of radiation and cell implantation on wound healing in a rat model. <i>Journal of Surgical Oncology</i> , 2003 , 83, 185-90	2.8	37
57	Illness intrusiveness among survivors of autologous blood and marrow transplantation. <i>Cancer</i> , 2001 , 92, 3147-54	6.4	36
56	Immunomodulatory Properties of : The Role of Polysaccharopeptide. <i>Frontiers in Immunology</i> , 2017 , 8, 1087	8.4	32
55	A Phase I study of the transplantation of genetically marked autologous bone marrow stromal cells. <i>Human Gene Therapy</i> , 1998 , 9, 591-600	4.8	32
54	Successful pregnancy and delivery during alpha-interferon therapy for chronic myeloid leukemia. <i>American Journal of Hematology</i> , 1992 , 40, 238-9	7.1	28
53	Mini-beam as salvage chemotherapy for refractory Hodgkin's disease and non-Hodgkin's lymphoma. <i>Leukemia and Lymphoma</i> , 1991 , 5, 111-5	1.9	24
52	Concise Review: TLR Pathway-miRNA Interplay in Mesenchymal Stromal Cells: Regulatory Roles and Therapeutic Directions. <i>Stem Cells</i> , 2018 , 36, 1655-1662	5.8	23
51	Differential Immunomodulatory Effects of Human Bone Marrow-Derived Mesenchymal Stromal Cells on Natural Killer Cells. <i>Stem Cells and Development</i> , 2019 , 28, 933-943	4.4	22
50	Cell-based therapies for osteonecrosis of the femoral head. <i>Biology of Blood and Marrow Transplantation</i> , 2008 , 14, 1081-1087	4.7	21
49	Results of Therapy for Acute Myeloid Leukemia in First Relapse. <i>Leukemia and Lymphoma</i> , 1991 , 6, 15-24	1.9	18
48	Mesenchymal stromal cells improve cardiac function and left ventricular remodeling in a heart transplantation model. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1481-8	5.8	17
47	Sca-1+Lin-CD117- mesenchymal stem/stromal cells induce the generation of novel IRF8-controlled regulatory dendritic cells through Notch-RBP-J signaling. <i>Journal of Immunology</i> , 2015 , 194, 4298-308	5.3	17

46	CD16NK-92 and anti-CD123 monoclonal antibody prolongs survival in primary human acute myeloid leukemia xenografted mice. <i>Haematologica</i> , 2018 , 103, 1720-1729	6.6	16
45	Group V phospholipase A2 in bone marrow-derived myeloid cells and bronchial epithelial cells promotes bacterial clearance after Escherichia coli pneumonia. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35650-35662	5.4	16
44	Donor mesenchymal stromal cells (MSCs) undergo variable cardiac reprogramming in vivo and predominantly co-express cardiac and stromal determinants after experimental acute myocardial infarction. <i>Stem Cell Reviews and Reports</i> , 2014 , 10, 304-15	6.4	14
43	MicroSPECT/CT imaging of primary human AML engrafted into the bone marrow and spleen of NOD/SCID mice using 111In-DTPA-NLS-CSL360 radioimmunoconjugates recognizing the CD123+ / CD131- epitope expressed by leukemia stem cells. <i>Leukemia Research</i> , 2014 , 38, 1367-73	2.7	14
42	Bone Marrow Therapies for Chronic Heart Disease. <i>Stem Cells</i> , 2015 , 33, 3212-27	5.8	14
41	Immuno-Polymeric Nanoparticles by Diels-Alder Chemistry. <i>Angewandte Chemie</i> , 2007 , 119, 6238-6243	3.6	14
40	Cell Therapy for Knee Osteoarthritis: Mesenchymal Stromal Cells. <i>Gerontology</i> , 2019 , 65, 294-298	5.5	13
39	A radiolabeled antibody targeting CD123(+) leukemia stem cells - initial radioimmunotherapy studies in NOD/SCID mice engrafted with primary human AML. <i>Leukemia Research Reports</i> , 2015 , 4, 55-9 ^{0.6}	0.6	12
38	Clonogenic assays measure leukemia stem cell killing not detectable by chromium release and flow cytometric cytotoxicity assays. <i>Cytotherapy</i> , 2010 , 12, 951-60	4.8	12
37	Investigation of bcr-abl transcription by Ph-positive chronic myeloid leukemia progenitors. <i>Stem Cells</i> , 1993 , 11 Suppl 3, 31-3	5.8	12
36	Mesenchymal stromal cell therapy to promote cardiac tissue regeneration and repair. <i>Current Opinion in Organ Transplantation</i> , 2017 , 22, 86-96	2.5	10
35	OCT4 expression mediates partial cardiomyocyte reprogramming of mesenchymal stromal cells. <i>PLoS ONE</i> , 2017 , 12, e0189131	3.7	10
34	Rapid isolation of bone marrow mesenchymal stromal cells using integrated centrifuge-based technology. <i>Cytotherapy</i> , 2016 , 18, 729-39	4.8	10
33	Humanized anti-CD123 antibody facilitates NK cell antibody-dependent cell-mediated cytotoxicity (ADCC) of Hodgkin lymphoma targets via ARF6/PLD-1. <i>Blood Cancer Journal</i> , 2019 , 9, 6	7	10
32	Ciprofloxacin-induced neutropenia and erythema multiforme. <i>American Journal of Hematology</i> , 1993 , 43, 159-60	7.1	9
31	Generation of Functional Hepatocytes from Human Adipose-Derived MYC KLF4 GMNN Stem Cells Analyzed by Single-Cell RNA-Seq Profiling. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 792-805	6.9	9
30	CD25 Blockade Delays Regulatory T Cell Reconstitution and Does Not Prevent Graft-versus-Host Disease After Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 405-411	4.7	8
29	Banking Mesenchymal Stromal Cells from Umbilical Cord Tissue: Large Sample Size Analysis Reveals Consistency Between Donors. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 1041-1054	6.9	8

28	Prodrugs and prodrug-activated systems in gene therapy. <i>Molecular Therapy</i> , 2021 , 29, 1716-1728	11.7	8
27	Human Mesenchymal Stromal Cells Improve Cardiac Perfusion in an Ovine Immunocompetent Animal Model. <i>Journal of Investigative Surgery</i> , 2016 , 29, 218-25	1.2	7
26	Topical Application of Culture-Expanded CD34+ Umbilical Cord Blood Cells from Frozen Units Accelerates Healing of Diabetic Skin Wounds in Mice. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 591-601	6.9	5
25	Therapeutic properties of mesenchymal stem cells for autism spectrum disorders. <i>Medical Hypotheses</i> , 2015 , 84, 169-77	3.8	5
24	Bone marrow cells for cardiac repair. <i>Biology of Blood and Marrow Transplantation</i> , 2005 , 11, 2-6	4.7	5
23	Photodynamic elimination of clonogenic Ph+ chronic myeloid leukemia cells. <i>Leukemia and Lymphoma</i> , 1993 , 11 Suppl 1, 265-9	1.9	4
22	Outcome of Patients with Relapsed or Refractory Non-Hodgkin's Lymphoma Referred for Autologous Bone Marrow Transplantation. <i>Leukemia and Lymphoma</i> , 1991 , 4, 231-8	1.9	2
21	T-Cell Blast Crisis in Chronic Myeloid Leukemia. <i>Leukemia and Lymphoma</i> , 1991 , 3, 319-24	1.9	2
20	Event-Free Survival As a Surrogate for Overall Survival in Relapsed DLBCL after Autologous Transplant: A Subgroup Analysis of LY.12 and Coral. <i>Blood</i> , 2019 , 134, 768-768	2.2	2
19	Management of Hyperleukocytosis in Acute Myelogenous Leukemia Using Hydroxyurea Rather Than Leukopheresis.. <i>Blood</i> , 2006 , 108, 2007-2007	2.2	2
18	Efficacy and safety of stem cell mobilization following gemcitabine, dexamethasone, cisplatin (GDP) salvage chemotherapy in patients with relapsed or refractory lymphoma. <i>Leukemia and Lymphoma</i> , 2020 , 61, 2153-2160	1.9	1
17	Outcomes of Salvage Chemotherapy and Autologous Stem Cell Transplantation for Relapsed or Refractory Primary Mediastinal Large B Cell Lymphoma (PMLCL) Are Inferior to Diffuse Large B Cell Lymphoma (DLBCL).. <i>Blood</i> , 2005 , 106, 2085-2085	2.2	1
16	Human mesenchymal stromal cells do not promote recurrence of soft tissue sarcomas in mouse xenografts after radiation and surgery. <i>Cytotherapy</i> , 2018 , 20, 1001-1012	4.8	0
15	Reaching beyond maximum grade: progress and future directions for modernising the assessment and reporting of adverse events in haematological malignancies.. <i>Lancet Haematology</i> , 2022 , 9, e374-e384	14.6	0
14	Effectiveness and tolerability of first-line autologous stem cell transplant and maintenance rituximab for mantle cell lymphoma. <i>Bone Marrow Transplantation</i> , 2018 , 53, 347-351	4.4	
13	Current Treatment of Chronic Myeloid Leukemia. <i>Hematology</i> , 2001 , 6, 1-17	2.2	
12	Expression of Factor IX cDNA Introduced into Human Marrow Stromal Cells by Electroporation. <i>Hematology</i> , 1998 , 3, 347-54	2.2	
11	Highlights of the 19th Annual Meeting of the International Society for Experimental Hematology (ISEH) Held in Seattle, Washington, USA, August 26-30, 1990. <i>Leukemia and Lymphoma</i> , 1991 , 4, 425-8	1.9	

10	Treatment of COVID-19 with MSCs: how does it work?. <i>Science China Life Sciences</i> , 2021 , 1	8.5
9	Clinical Significance of Clonal Hematopoiesis in the Setting of Autologous Stem Cell Transplantation for Lymphoma. <i>Blood</i> , 2021 , 138, 655-655	2.2
8	Autologous Gamma-Delta T (GD-T) Cells in Acute Myeloid Leukemia (AML): Potential Immune Effector Cells for Minimal Disease?.. <i>Blood</i> , 2004 , 104, 2538-2538	2.2
7	Slit-Robo Pathway Is Clinically Relevant and May Represent a Potential Target in Acute Promyelocytic Leukemia. <i>Blood</i> , 2018 , 132, 1533-1533	2.2
6	Metformin treatment Overcomes ATRA-Resistance in Acute Promyelocytic Leukemia and Increases FOXO3A Expression. <i>Blood</i> , 2018 , 132, 1532-1532	2.2
5	Clinical and Functional Studies Reveal That TP73 Isoforms Levels Are Associated with Prognosis and RA-Resistance in Acute Promyelocytic Leukemia. <i>Blood</i> , 2019 , 134, 2719-2719	2.2
4	Hematopoietic Cell Transplantation Donor Selection Reimagined: KIR-KIR Ligand Interactions and a Formalized Donor Risk Index Effective at Predicting Survival. <i>Blood</i> , 2019 , 134, 4616-4616	2.2
3	Arsenic Trioxide Abrogate MN1 Mediated RA-Resistance in Acute Promyelocytic Leukemia. <i>Blood</i> , 2019 , 134, 5166-5166	2.2
2	Preliminary Results of FDG-PET Scanning after GDP Chemotherapy Prior to Autologous Stem Cell Transplant (ASCT) for Relapsed/Refractory (RR) Lymphoma. <i>Blood</i> , 2016 , 128, 4645-4645	2.2
1	Superior Cytotoxicity of Clonal Versus Polyclonal Gamma Delta T Cells against Philadelphia Chromosome Positive and B-CLL Derived Leukemic Cells.. <i>Blood</i> , 2009 , 114, 3032-3032	2.2