Kelli P Macdonald

List of Publications by Year
in descending order

114 papers	9,544 citations	28274 55 h-index	39675 94 g-index
116 all docs	116 docs citations	116 times ranked	13360 citing authors

#	Article	IF	Citations
1	Characterization of human blood dendritic cell subsets. Blood, 2002, 100, 4512-4520.	1.4	665
2	Therapeutic applications of macrophage colony-stimulating factor-1 (CSF-1) and antagonists of CSF-1 receptor (CSF-1R) signaling. Blood, 2012, 119, 1810-1820.	1.4	562
3	An antibody against the colony-stimulating factor 1 receptor depletes the resident subset of monocytes and tissue- and tumor-associated macrophages but does not inhibit inflammation. Blood, 2010, 116, 3955-3963.	1.4	410
4	Repopulating Microglia Promote Brain Repair in an IL-6-Dependent Manner. Cell, 2020, 180, 833-846.e16.	28.9	292
5	Chronic graft-versus-host disease: biological insights from preclinical and clinical studies. Blood, 2017, 129, 13-21.	1.4	216
6	Recipient nonhematopoietic antigen-presenting cells are sufficient to induce lethal acute graft-versus-host disease. Nature Medicine, 2012, 18, 135-142.	30.7	206
7	Bone marrow-derived and resident liver macrophages display unique transcriptomic signatures but similar biological functions. Journal of Hepatology, 2016, 65, 758-768.	3.7	197
8	Addition of interleukin-6 inhibition with tocilizumab to standard graft-versus-host disease prophylaxis after allogeneic stem-cell transplantation: a phase 1/2 trial. Lancet Oncology, The, 2014, 15, 1451-1459.	10.7	194
9	HIV gp120 receptors on human dendritic cells. Blood, 2001, 98, 2482-2488.	1.4	185
10	The Colony-Stimulating Factor 1 Receptor Is Expressed on Dendritic Cells during Differentiation and Regulates Their Expansion. Journal of Immunology, 2005, 175, 1399-1405.	0.8	179
11	Increased T follicular helper cells and germinal center B cells are required for cGVHD and bronchiolitis obliterans. Blood, 2014, 123, 3988-3998.	1.4	179
12	Ibrutinib treatment ameliorates murine chronic graft-versus-host disease. Journal of Clinical Investigation, 2014, 124, 4867-4876.	8.2	173
13	CSF-1â€“dependant donor-derived macrophages mediate chronic graft-versus-host disease. Journal of Clinical Investigation, 2014, 124, 4266-4280.	8.2	173
14	A Liver Capsular Network of Monocyte-Derived Macrophages Restricts Hepatic Dissemination of Intraperitoneal Bacteria by Neutrophil Recruitment. Immunity, 2017, 47, 374-388.e6.	14.3	171
15	IFNÎ³ differentially controls the development of idiopathic pneumonia syndrome and GVHD of the gastrointestinal tract. Blood, 2007, 110, 1064-1072.	1.4	159
16	PD-1 Dependent Exhaustion of CD8+ T Cells Drives Chronic Malaria. Cell Reports, 2013, 5, 1204-1213.	6.4	147
17	Targeted Rho-associated kinase 2 inhibition suppresses murine and human chronic GVHD through a Stat3-dependent mechanism. Blood, 2016, 127, 2144-2154.	1.4	145
18	Functional CD40 ligand is expressed by T cells in rheumatoid arthritis.. Journal of Clinical Investigation, 1997, 100, 2404-2414.	8.2	145

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19	Expression of human DEC-205 (CD205) multilectin receptor on leukocytes. International Immunology, 2006, 18, 857-869.	4.0	143
20	Stem cell mobilization with G-CSF induces type 17 differentiation and promotes scleroderma. Blood, 2010, 116, 819-828.	1.4	139
21	TGF-Î² in allogeneic stem cell transplantation: friend or foe?. Blood, 2005, 106, 2206-2214.	1.4	136
22	Donor treatment with pegylated G-CSF augments the generation of IL-10-producing regulatory T cells and promotes transplantation tolerance. Blood, 2004, 103, 3573-3581.	1.4	133
23	BET inhibition blocks inflammation-induced cardiac dysfunction and SARS-CoV-2 infection. Cell, 2021, 184, 2167-2182.e22.	28.9	131
24	Cytokine Expanded Myeloid Precursors Function as Regulatory Antigen-Presenting Cells and Promote Tolerance through IL-10-Producing Regulatory T Cells. Journal of Immunology, 2005, 174, 1841-1850.	0.8	128
25	Pirfenidone ameliorates murine chronic GVHD through inhibition of macrophage infiltration and TGF-Î² production. Blood, 2017, 129, 2570-2580.	1.4	122
26	Host B cells produce IL-10 following TBI and attenuate acute GVHD after allogeneic bone marrow transplantation. Blood, 2006, 108, 2485-2492.	1.4	121
27	Myeloma escape after stem cell transplantation is a consequence of T-cell exhaustion and is prevented by TIGIT blockade. Blood, 2018, 132, 1675-1688.	1.4	119
28	Eomesodermin promotes the development of type 1 regulatory T (T _R 1) cells. Science Immunology, 2017, 2, .	11.9	118
29	Identification and expansion of highly suppressive CD8+FoxP3+ regulatory T cells after experimental allogeneic bone marrow transplantation. Blood, 2012, 119, 5898-5908.	1.4	114
30	NKT cell-dependent leukemia eradication following stem cell mobilization with potent G-CSF analogs. Journal of Clinical Investigation, 2005, 115, 3093-3103.	8.2	114
31	Immune regulatory cell infusion for graft-versus-host disease prevention and therapy. Blood, 2018, 131, 2651-2660.	1.4	113
32	A Physiological Function of Inflammation-Associated SerpinB2 Is Regulation of Adaptive Immunity. Journal of Immunology, 2010, 184, 2663-2670.	0.8	106
33	Cutting Edge: Conventional Dendritic Cells Are the Critical APC Required for the Induction of Experimental Cerebral Malaria. Journal of Immunology, 2007, 178, 6033-6037.	0.8	104
34	Stem cell mobilization with G-CSF analogs: a rational approach to separate GVHD and GVL?. Blood, 2006, 107, 3430-3435.	1.4	102
35	Induced Regulatory T Cells Promote Tolerance When Stabilized by Rapamycin and IL-2 In Vivo. Journal of Immunology, 2013, 191, 5291-5303.	0.8	101
36	Targeting Syk-activated B cells in murine and human chronic graft-versus-host disease. Blood, 2015, 125, 4085-4094.	1.4	101

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37	Dendritic cells and the pathogenesis of rheumatoid arthritis. Journal of Leukocyte Biology, 1999, 66, 286-292.	3.3	99
38	Tc17 cells are a proinflammatory, plastic lineage of pathogenic CD8+ T cells that induce GVHD without antileukemic effects. Blood, 2015, 126, 1609-1620.	1.4	98
39	The role of dendritic cells in the innate immune system. Microbes and Infection, 2000, 2, 257-272.	1.9	97
40	Type I IFN signaling in CD8â€“ DCs impairs Th1-dependent malaria immunity. Journal of Clinical Investigation, 2014, 124, 2483-2496.	8.2	96
41	CD8Î±+ DCs can be induced in the absence of transcription factors Id2, Nfil3, and Batf3. Blood, 2013, 121, 1574-1583.	1.4	95
42	Therapeutic regulatory T-cell adoptive transfer ameliorates established murine chronic GVHD in a CXCR5-dependent manner. Blood, 2016, 128, 1013-1017.	1.4	95
43	Neurogenesis in adult human. NeuroReport, 1996, 7, 1189-1194.	1.2	86
44	Donor colonic CD103+ dendritic cells determine the severity of acute graft-versus-host disease. Journal of Experimental Medicine, 2015, 212, 1303-1321.	8.5	85
45	Conventional dendritic cells are the critical donor APC presenting alloantigen after experimental bone marrow transplantation. Blood, 2009, 113, 5644-5649.	1.4	79
46	Cytokine mediators of chronic graft-versus-host disease. Journal of Clinical Investigation, 2017, 127, 2452-2463.	8.2	74
47	Lung parenchyma-derived IL-6 promotes IL-17Aâ€“dependent acute lung injury after allogeneic stem cell transplantation. Blood, 2015, 125, 2435-2444.	1.4	73
48	Self-adjuvanting nanoemulsion targeting dendritic cell receptor Clec9A enables antigen-specific immunotherapy. Journal of Clinical Investigation, 2018, 128, 1971-1984.	8.2	73
49	Self-repopulating recipient bone marrow resident macrophages promote long-term hematopoietic stem cell engraftment. Blood, 2018, 132, 735-749.	1.4	69
50	Donor pretreatment with progenipoietin-1 is superior to granulocyte colony-stimulating factor in preventing graft-versus-host disease after allogeneic stem cell transplantation. Blood, 2003, 101, 2033-2042.	1.4	64
51	Induction of natural killer T cellâ€“dependent alloreactivity by administration of granulocyte colonyâ€“stimulating factor after bone marrow transplantation. Nature Medicine, 2009, 15, 436-441.	30.7	64
52	Type I-IFNs control GVHD and GVL responses after transplantation. Blood, 2011, 118, 3399-3409.	1.4	64
53	Acute graft-versus-host disease is regulated by an IL-17â€“sensitive microbiome. Blood, 2017, 129, 2172-2185.	1.4	63
54	RelB nuclear translocation regulates B cell MHC molecule, CD40 expression, and antigen-presenting cell function. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11421-11426.	7.1	61

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55	Effector and regulatory T-cell function is differentially regulated by RelB within antigen-presenting cells during GVHD. Blood, 2007, 109, 5049-5057.	1.4	60
56	Complement receptor C3aR1 controls neutrophil mobilization following spinal cord injury through physiological antagonism of CXCR2. JCI Insight, 2019, 4, .	5.0	58
57	An activated Th17-prone T cell subset involved in chronic graft-versus-host disease sensitive to pharmacological inhibition. JCI Insight, 2017, 2, .	5.0	53
58	An atypical role for the myeloid receptor Mincle in central nervous system injury. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2098-2111.	4.3	51
59	Smg1 haploinsufficiency predisposes to tumor formation and inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E285-94.	7.1	50
60	Soluble lymphotoxin is an important effector molecule in GVHD and GVL. Blood, 2010, 115, 122-132.	1.4	49
61	Corruption of dendritic cell antigen presentation during acute GVHD leads to regulatory T-cell failure and chronic GVHD. Blood, 2016, 128, 794-804.	1.4	49
62	Graft-versus-Host Disease Prevents the Maturation of Plasmacytoid Dendritic Cells. Journal of Immunology, 2009, 182, 912-920.	0.8	47
63	Biology of Graft-versus-Host Responses: Recent Insights. Biology of Blood and Marrow Transplantation, 2013, 19, S10-S14.	2.0	47
64	Promoting regulation via the inhibition of DNAM-1 after transplantation. Blood, 2013, 121, 3511-3520.	1.4	47
65	Effects of MicroRNA on Regulatory T Cells and Implications for Adoptive Cellular Therapy to Ameliorate Graft-versus-Host Disease. Frontiers in Immunology, 2018, 9, 57.	4.8	46
66	Autophagy-dependent regulatory T cells are critical for the control of graft-versus-host disease. JCI Insight, 2016, 1, e86850.	5.0	43
67	IFN-Î³ Promotes Generation of IL-10 Secreting CD4+ T Cells that Suppress Generation of CD8 Responses in an Antigen-Experienced Host. Journal of Immunology, 2009, 183, 51-58.	0.8	40
68	VCAM-1 and VLA-4 Modulate Dendritic Cell IL-12p40 Production in Experimental Visceral Leishmaniasis. PLoS Pathogens, 2008, 4, e1000158.	4.7	39
69	SOCS3 regulates graft-versus-host disease. Blood, 2010, 116, 287-296.	1.4	37
70	Deletion of Wntless in myeloid cells exacerbates liver fibrosis and the ductular reaction in chronic liver injury. Fibrogenesis and Tissue Repair, 2015, 8, 19.	3.4	36
71	Autophagy is required for stem cell mobilization by G-CSF. Blood, 2015, 125, 2933-2936.	1.4	36
72	Immunostimulatory cancer chemotherapy using local ingenol-3-angelate and synergy with immunotherapies. Vaccine, 2009, 27, 3053-3062.	3.8	35

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73	Modification of T Cell Responses by Stem Cell Mobilization Requires Direct Signaling of the T Cell by G-CSF and IL-10. Journal of Immunology, 2014, 192, 3180-3189.	0.8	34
74	Immune insufficiency during GVHD is due to defective antigen presentation within dendritic cell subsets. Blood, 2012, 119, 5918-5930.	1.4	32
75	Cross-Dressing by Donor Dendritic Cells after Allogeneic Bone Marrow Transplantation Contributes to Formation of the Immunological Synapse and Maximizes Responses to Indirectly Presented Antigen. Journal of Immunology, 2014, 192, 5426-5433.	0.8	32
76	GVHD prevents NK-cellâ€“dependent leukemia and virus-specific innate immunity. Blood, 2017, 129, 630-642.	1.4	32
77	Bitter-sweet symphony: defining the role of dendritic cell gp120 receptors in HIV infection. Journal of Clinical Virology, 2001, 22, 229-239.	3.1	29
78	Immunotherapy with Costimulatory Dendritic Cells To Control Autoimmune Inflammation. Journal of Immunology, 2011, 187, 4018-4030.	0.8	29
79	Imaging the immunological synapse between dendritic cells and T cells. Journal of Immunological Methods, 2015, 423, 40-44.	1.4	29
80	National Institutes of Health Consensus Development Project on Criteria for Clinical Trials in Chronic Graft-versus-Host Disease: III. The 2020 Treatment of Chronic GVHD Report. Transplantation and Cellular Therapy, 2021, 27, 729-737.	1.2	29
81	Invariant natural killer T cellâ€“natural killer cell interactions dictate transplantation outcome after Î±-galactosylceramide administration. Blood, 2009, 113, 5999-6010.	1.4	28
82	Spatiotemporal Characterization of the Cellular and Molecular Contributors to Liver Fibrosis in a Murine Hepatotoxic-Injury Model. American Journal of Pathology, 2016, 186, 524-538.	3.8	28
83	Th17 plasticity and transition toward a pathogenic cytokine signature are regulated by cyclosporine after allogeneic SCT. Blood Advances, 2017, 1, 341-351.	5.2	28
84	Chronic graft-versus-host disease after granulocyte colony-stimulating factor-mobilized allogeneic stem cell transplantation: the role of donor T-cell dose and differentiation. Biology of Blood and Marrow Transplantation, 2004, 10, 373-385.	2.0	26
85	IL-17Aâ€“Producing Î³Î´ T Cells Suppress Early Control of Parasite Growth by Monocytes in the Liver. Journal of Immunology, 2015, 195, 5707-5717.	0.8	25
86	Emerging Therapeutics for the Control of Chronic Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2018, 24, 19-26.	2.0	22
87	ROCK2 inhibition attenuates profibrogenic immune cell function to reverse thioacetamide-induced liver fibrosis. JHEP Reports, 2022, 4, 100386.	4.9	22
88	Keratinocyte Growth Factor (KGF) in Hematology and Oncology. Current Pharmaceutical Design, 2002, 8, 395-403.	1.9	21
89	Donor T-cellâ€“derived GM-CSF drives alloantigen presentation by dendritic cells in the gastrointestinal tract. Blood Advances, 2019, 3, 2859-2865.	5.2	21
90	Small-molecule BCL6 inhibitor effectively treats mice with nonsclerodermatous chronic graft-versus-host disease. Blood, 2019, 133, 94-99.	1.4	21

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91	Impact of cytokine gene polymorphisms on graftâ€vsâ€host disease. Tissue Antigens, 2008, 72, 507-516.	1.0	19
92	Human T lymphoblasts and activated dendritic cells in the allogeneic mixed leukocyte reaction are susceptible to NK cell-mediated anti-CD83-dependent cytotoxicity. International Immunology, 2004, 16, 33-42.	4.0	17
93	Selective organ specific inflammation in offspring harbouring microchimerism from strongly alloreactive mothers. Journal of Autoimmunity, 2014, 50, 51-58.	6.5	17
94	Absence of B Cells Does Not Compromise Intramembranous Bone Formation during Healing in a Tibial Injury Model. American Journal of Pathology, 2013, 182, 1501-1508.	3.8	16
95	Toward a Better Understanding of the Atypical Features of Chronic Graft-Versus-Host Disease: A Report from the 2020 National Institutes of Health Consensus Project Task Force. Transplantation and Cellular Therapy, 2022, 28, 426-445.	1.2	16
96	Granzyme M has a critical role in providing innate immune protection in ulcerative colitis. Cell Death and Disease, 2016, 7, e2302-e2302.	6.3	14
97	Inhibition of inositol kinase B controls acute and chronic graft-versus-host disease. Blood, 2020, 135, 28-40.	1.4	14
98	Donor bone marrowâ€“derived macrophage MHC II drives neuroinflammation and altered behavior during chronic GVHD in mice. Blood, 2022, 139, 1389-1408.	1.4	14
99	Reprint of: Emerging Therapeutics for the Control of Chronic Graft-versus-Host Disease. Biology of Blood and Marrow Transplantation, 2018, 24, S7-S14.	2.0	10
100	Targeting PI3KÎ´ function for amelioration of murine chronic graft-versus-host disease. American Journal of Transplantation, 2019, 19, 1820-1830.	4.7	9
101	CMRF-44 antibody-mediated depletion of activated human dendridic cells: a potential means for improving allograft survival1. Transplantation, 2003, 75, 1723-1730.	1.0	8
102	Autophagy and haematopoietic stem cell transplantation. Immunology and Cell Biology, 2015, 93, 43-50.	2.3	8
103	Acute myeloid leukemia stem cell function is preserved in the absence of autophagy. Haematologica, 2017, 102, e344-e347.	3.5	8
104	Harnessing bone marrow resident regulatory T cells to improve allogeneic stem cell transplant outcomes. International Journal of Hematology, 2017, 105, 153-161.	1.6	8
105	Repurposing a novel anti-cancer RXR agonist to attenuate murine acute GVHD and maintain graft-versus-leukemia responses. Blood, 2021, 137, 1090-1103.	1.4	8
106	Retinoic acid signaling acts as a rheostat to balance Treg function. , 2022, 19, 820-833.		8
107	Donor Treatment with a Multipegylated G-CSF Maximizes Graft-versus-Leukemia Effects. Biology of Blood and Marrow Transplantation, 2009, 15, 126-130.	2.0	7
108	Origin of Langerhans cells in normal skin and chronic GVHD after hematopoietic stem-cell transplantation. Experimental Dermatology, 2014, 23, 75-77.	2.9	7

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109	Expansion of IL-17Aâ€“secreting CD8+ mucosa-associated invariant T cells in peripheral blood following stem cell mobilization. Blood Advances, 2019, 3, 718-723.	5.2	7
110	ASC Modulates CTL Cytotoxicity and Transplant Outcome Independent of the Inflammasome. Cancer Immunology Research, 2020, 8, 1085-1098.	3.4	6
111	BET-bromodomain and EZH2 inhibitorâ€“treated chronic GVHD mice have blunted germinal centers with distinct transcriptomes. Blood, 2022, 139, 2983-2997.	1.4	6
112	Live imaging of collagen deposition during experimental hepatic schistosomiasis and recovery: a view on a dynamic process. Laboratory Investigation, 2019, 99, 231-243.	3.7	4
113	The liver contains distinct interconnected networks of <scp>CX3CR1</scp>⁺ macrophages, <scp>XCR1</scp>⁺ type 1 and <scp>CD301a</scp>⁺ type 2 conventional dendritic cells embedded within portal tracts. Immunology and Cell Biology, 2022, 100, 394-408.	2.3	4
114	Cytokines in graft-versus-host disease and graft-versus-leukemia. , 2013, , 357-391.		0