

Paula M Chilton

List of Publications by Year in descending order

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49
papers

2,186
citations

304743

22
h-index

223800

46
g-index

50
all docs

50
docs citations

50
times ranked

3179
citing authors

#	ARTICLE	IF	CITATIONS
1	The Vaccine Adjuvant Monophosphoryl Lipid A as a TRIF-Biased Agonist of TLR4. <i>Science</i> , 2007, 316, 1628-1632.	12.6	751
2	Plasmacytoid precursor dendritic cells facilitate allogeneic hematopoietic stem cell engraftment. <i>Journal of Experimental Medicine</i> , 2005, 201, 373-383.	8.5	165
3	The low-toxicity versions of LPS, MPLA® adjuvant and RC529, are efficient adjuvants for CD4+ T cells. <i>Journal of Leukocyte Biology</i> , 2005, 78, 1273-1280.	3.3	121
4	TNF-Î± Is Critical to Facilitate Hemopoietic Stem Cell Engraftment and Function. <i>Journal of Immunology</i> , 2008, 180, 49-57.	0.8	102
5	Soluble Cytokine Receptors: Their Roles in Immunoregulation, Disease, and Therapy. <i>Advances in Immunology</i> , 1996, 63, 269-336.	2.2	76
6	Tissue predilection sites and effect of dose on <i>Mycobacterium avium</i> subs. paratuberculosis organism recovery in a short-term bovine experimental oral infection model. <i>Research in Veterinary Science</i> , 2006, 80, 253-259.	1.9	73
7	Humoral immunity is the dominant barrier for allogeneic bone marrow engraftment in sensitized recipients. <i>Blood</i> , 2006, 108, 3611-3619.	1.4	68
8	Efficacy of commercial and field-strain <i>Mycobacterium paratuberculosis</i> vaccinations with recombinant IL-12 in a bovine experimental infection model. <i>Vaccine</i> , 2003, 21, 3101-3109.	3.8	62
9	Production of Donor T Cells Is Critical for Induction of Donor-Specific Tolerance and Maintenance of Chimerism. <i>Journal of Immunology</i> , 2004, 172, 1463-1471.	0.8	62
10	Flt3-Ligand Treatment Prevents Diabetes in NOD Mice. <i>Diabetes</i> , 2004, 53, 1995-2002.	0.6	46
11	Discovery of a Broad-Spectrum Antiviral Compound That Inhibits Pyrimidine Biosynthesis and Establishes a Type 1 Interferon-Independent Antiviral State. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4552-4562.	3.2	46
12	Effects of Differences in Lipid A Structure on TLR4 Pro-Inflammatory Signaling and Inflammasome Activation. <i>Frontiers in Immunology</i> , 2012, 3, 154.	4.8	41
13	Type I interferon signaling contributes to the bias that Toll-like receptor 4 exhibits for signaling mediated by the adaptor protein TRIF. <i>Science Signaling</i> , 2014, 7, ra108.	3.6	36
14	Mast Cell-Dependent CD8+ T-cell Recruitment Mediates Immune Surveillance of Intestinal Tumors in <i>ApcMin/+</i> Mice. <i>Cancer Immunology Research</i> , 2018, 6, 332-347.	3.4	36
15	TRIF Is Required for TLR4 Mediated Adjuvant Effects on T Cell Clonal Expansion. <i>PLoS ONE</i> , 2013, 8, e56855.	2.5	35
16	Decrease in acetyl-CoA pathway utilizing butyrate-producing bacteria is a key pathogenic feature of alcohol-induced functional gut microbial dysbiosis and development of liver disease in mice. <i>Gut Microbes</i> , 2021, 13, 1946367.	9.8	34
17	Adjuvant Activity of Naturally Occurring Monophosphoryl Lipopolysaccharide Preparations from Mucosa-Associated Bacteria. <i>Infection and Immunity</i> , 2013, 81, 3317-3325.	2.2	32
18	Impaired Bcl3 Up-regulation Leads to Enhanced Lipopolysaccharide-induced Interleukin (IL)-23/P19 Gene Expression in IL-10-Deficient Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 14182-14189.	3.4	31

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19	Immunobiology in <sc>VCA</sc>. Transplant International, 2016, 29, 644-654.	1.6	31
20	Matching at the MHC class I K locus is essential for long-term engraftment of purified hematopoietic stem cells: a role for host NK cells in regulating HSC engraftment. Blood, 2004, 104, 873-880.	1.4	30
21	Preconditioning of NOD mice with anti-CD8 mAb and costimulatory blockade enhances chimerism and tolerance and prevents diabetes, while depletion of β 2-TCR+ and CD4+ cells negates the effect. Blood, 2005, 105, 2577-2584.	1.4	29
22	Unrestrained Glycogen Synthase Kinase-3 β Activity Leads to Activated T Cell Death and Can Be Inhibited by Natural Adjuvant. Journal of Immunology, 2007, 178, 6083-6091.	0.8	24
23	Costimulatory blockade of CD154-CD40 in combination with T-cell lymphodepletion results in prevention of allogeneic sensitization. Blood, 2008, 111, 3266-3275.	1.4	22
24	Regulation of the Expression of the Soluble and Membrane Forms of the Murine IL-4 Receptor. Cellular Immunology, 1997, 180, 104-115.	3.0	20
25	Addition of Cyclophosphamide to T-cell Depletion-Based Nonmyeloablative Conditioning Allows Donor T-cell Engraftment and Clonal Deletion of Alloreactive Host T-cells After Bone Marrow Transplantation. Transplantation, 2007, 83, 954-963.	1.0	17
26	Adipose-derived cellular therapies in solid organ and vascularized-composite allotransplantation. Current Opinion in Organ Transplantation, 2017, 22, 490-498.	1.6	16
27	Linked in vivo expression of soluble interleukin-4 receptor and interleukin-4 in murine schistosomiasis. European Journal of Immunology, 1995, 25, 649-656.	2.9	15
28	Control of the production of soluble interleukin-4 receptors: implications in immunoregulation. Journal of Leukocyte Biology, 1996, 59, 499-504.	3.3	13
29	Hematopoietic stem cells from NOD mice exhibit autonomous behavior and a competitive advantage in allogeneic recipients. Blood, 2005, 105, 2189-2197.	1.4	13
30	Adjuvant-induced survival signaling in clonally expanded T cells is associated with transient increases in pAkt levels and sustained uptake of glucose. Immunobiology, 2005, 210, 647-659.	1.9	13
31	Plasmacytoid Precursor Dendritic Cells From NOD Mice Exhibit Impaired Function. Diabetes, 2008, 57, 2360-2370.	0.6	13
32	THE PRODUCTION OF SOLUBLE INTERLEUKIN 4 RECEPTORS IS PREFERENTIALLY REGULATED BY THE MURINE Th2CELL SUBSET. Cytokine, 1997, 9, 166-177.	3.2	12
33	NK Cells Play a Critical Role in the Regulation of Class I-Deficient Hemopoietic Stem Cell Engraftment: Evidence for NK Tolerance Correlates with Receptor Editing. Journal of Immunology, 2005, 175, 3753-3761.	0.8	12
34	MmuPV1 infection and tumor development of T cell-deficient mice is prevented by passively transferred hyperimmune sera from normal congenic mice immunized with MmuPV1 virus-like particles (VLPs). Experimental and Molecular Pathology, 2016, 100, 212-219.	2.1	12
35	CD8 T Cells Require Bcl-3 for Maximal Gamma Interferon Production upon Secondary Exposure to Antigen. Infection and Immunity, 2006, 74, 4180-4189.	2.2	11
36	T cell-mediated antitumor immune response eliminates skin tumors induced by mouse papillomavirus, MmuPV1. Experimental and Molecular Pathology, 2017, 103, 181-190.	2.1	10

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37	Bone Marrow Cell Graft Engineering: From Bench to Bedside. <i>Leukemia and Lymphoma</i> , 2001, 41, 19-34.	1.3	9
38	A delay in bone marrow transplantation after partial conditioning improves engraftment1. <i>Transplantation</i> , 2004, 77, 819-826.	1.0	9
39	Absence of <i>CCR2</i> reduces spontaneous intestinal tumorigenesis in the <i>Apc^{Min/+}</i> mouse model. <i>International Journal of Cancer</i> , 2021, 148, 2594-2607.	5.1	7
40	Infrared imaging of lymphatic function in the upper extremity of normal controls and hand transplant recipients via subcutaneous indocyanine green injection. <i>SAGE Open Medicine</i> , 2019, 7, 205031211986267.	1.8	6
41	Regulation of the production of soluble IL-4 receptors in murine cutaneous leishmaniasis. The roles of IL-12 and IL-4. <i>Journal of Leukocyte Biology</i> , 1999, 66, 481-488.	3.3	5
42	Naturally occurring low biological reactivity lipopolysaccharides as vaccine adjuvants. <i>Expert Review of Vaccines</i> , 2013, 12, 707-709.	4.4	5
43	Adjuvant Induced Glucose Uptake by Activated T Cells is not Correlated with Increased Survival. <i>Advances in Experimental Medicine and Biology</i> , 2008, 614, 65-72.	1.6	5
44	Strategic Nonmyeloablative Conditioning: CD154:CD40 Costimulatory Blockade at Primary Bone Marrow Transplantation Promotes Engraftment for Secondary Bone Marrow Transplantation after Engraftment Failure. <i>Journal of Immunology</i> , 2008, 181, 6616-6624.	0.8	4
45	Adipose-resident myeloid-derived suppressor cells modulate immune cell homeostasis in healthy mice. <i>Immunology and Cell Biology</i> , 2020, 98, 650-666.	2.3	4
46	BLOCKADE OF T CELL CO-STIMULATION IN VIVO ALLOWS CHIMERISM WITH DECREASED CONDITIONING IN DIABETES-PRONE NOD MICE.. <i>Transplantation</i> , 2000, 69, S356-S357.	1.0	1
47	Epigenetic Mechanisms Underlying HIV-Infection Induced Susceptibility of CD4+ T Cells to Enhanced Activation-Induced FasL Expression and Cell Death. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 128-137.	2.1	1
48	Abstract 800: Inflammatory chemokines mediate immune surveillance of intestinal cancer. , 2011, , .		0
49	Abstract LB-297: Antitumor immune response passively prevents and eliminates skin tumors on the mouse model of human papillomavirus cancers. , 2016, , .		0