Allison L Bayer

List of Publications by Year
in descending order

45 papers	2,573 citations	279798 23 h-index	276875 41 g-index
47 all docs	47 docs citations	47 times ranked	3347 citing authors

#	Article	IF	Citations
1	CCL21 and beta-cell antigen releasing hydrogels as tolerance-inducing therapy in Type I diabetes. Journal of Controlled Release, 2022, 348, 499-517.	9.9	3
2	Immunosuppressive PLGA TGF-Î²1 Microparticles Induce Polyclonal and Antigen-Specific Regulatory T Cells for Local Immunomodulation of Allogeneic Islet Transplants. Frontiers in Immunology, 2021, 12, 653088.	4.8	16
3	Immunomodulation Followed by Antigen-Specific Treg Infusion Controls Islet Autoimmunity. Diabetes, 2020, 69, 215-227.	0.6	28
4	In vitro platform establishes antigen-specific CD8+ T cell cytotoxicity to encapsulated cells via indirect antigen recognition. Biomaterials, 2020, 256, 120182.	11.4	25
5	CCL21 Expression in Î²-Cells Induces Antigen-Expressing Stromal Cell Networks in the Pancreas and Prevents Autoimmune Diabetes in Mice. Diabetes, 2019, 68, 1990-2003.	0.6	14
6	Immunoisolation of murine islet allografts in vascularized sites through conformal coating with polyethylene glycol. American Journal of Transplantation, 2018, 18, 590-603.	4.7	53
7	Altered homeostasis and development of regulatory T cell subsets represent an IL-2Râ€“dependent risk for diabetes in NOD mice. Science Signaling, 2017, 10, .	3.6	12
8	The Folate Cycle As a Cause of Natural Killer Cell Dysfunction and Viral Etiology in Type 1 Diabetes. Frontiers in Endocrinology, 2017, 8, 315.	3.5	27
9	The Expanding Role of Natural Killer Cells in Type 1 Diabetes and Immunotherapy. Current Diabetes Reports, 2016, 16, 109.	4.2	26
10	Engineering an â€œinfectiousâ€•Treg biomimetic through chemoselective tethering of TGF-Î²1 to PEG brush surfaces. Biomaterials, 2015, 67, 20-31.	11.4	19
11	Adoptive T Regulatory Cell Therapy for Tolerance Induction. Current Transplantation Reports, 2015, 2, 191-201.	2.0	9
12	In VivoEnvironment Necessary to Support Transplanted Donor Mouse T Regulatory Cells. American Journal of Transplantation, 2014, 14, 1032-1045.	4.7	13
13	T Regulatory Cell Adoptive Therapy for Tolerance Induction in Autoimmunity and Transplantation. American Journal of Transplantation, 2014, 14, 2432-2433.	4.7	4
14	Smallâ€molecule modulators of the <scp>OX</scp>40â€“<scp>OX40</scp> ligand coâ€stimulatory proteinâ€“protein interaction. British Journal of Pharmacology, 2014, 171, 4955-4969.	5.4	27
15	The IL-2/IL-2R system: from basic science to therapeutic applications to enhance immune regulation. Immunologic Research, 2013, 57, 197-209.	2.9	76
16	Prevention of Autoimmune Diabetes and Induction of Î²-Cell Proliferation in NOD Mice by Hyperbaric Oxygen Therapy. Diabetes, 2012, 61, 1769-1778.	0.6	38
17	Expansion of a restricted residual host T_{reg}â€cell repertoire is dependent on ILâ€2 following experimental autologous hematopoietic stem transplantation. European Journal of Immunology, 2011, 41, 3467-3478.	2.9	12
18	High-resolution, noninvasive longitudinal live imaging of immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12863-12868.	7.1	81

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19	Host CD4+CD25+ T cells can expand and comprise a major component of the Treg compartment after experimental HCT. Blood, 2009, 113, 733-743.	1.4	46
20	IL-2 Family of Cytokines in T Regulatory Cell Development and Homeostasis. Journal of Clinical Immunology, 2008, 28, 635-639.	3.8	89
21	A Function for IL-7R for CD4+CD25+Foxp3+ T Regulatory Cells. Journal of Immunology, 2008, 181, 225-234.	0.8	118
22	The Role of IL-2 in the Development and Peripheral Homeostasis of Naturally Occurring CD4 + CD25 + Foxp3 + Regulatory T Cells. , 2008, , 57-76.		1
23	Function of the IL-2R for Thymic and Peripheral CD4+CD25+ Foxp3+ T Regulatory Cells. Journal of Immunology, 2007, 178, 4062-4071.	0.8	142
24	Surviving Host CD4+CD25+Foxp3+ Cells Following Ablative Conditioning Expand and Comprise the Major Component of the Treg Compartment during the Lymphoid Reconstitution Period Following HCT.. Blood, 2007, 110, 65-65.	1.4	1
25	Quantitative assessment concerning the contribution of IL-2RÂ for superantigen-mediated T cell responses in vivo. International Immunology, 2006, 18, 565-572.	4.0	14
26	Cutting Edge: Allogeneic CD4+CD25+Foxp3+ T Regulatory Cells Suppress Autoimmunity while Establishing Transplantation Tolerance. Journal of Immunology, 2006, 176, 7149-7153.	0.8	66
27	Essential role for interleukin-2 for CD4+CD25+ T regulatory cell development during the neonatal period. Journal of Experimental Medicine, 2005, 201, 769-777.	8.5	218
28	Tolerance, not immunity, crucially depends on IL-2. Nature Reviews Immunology, 2004, 4, 665-674.	22.7	733
29	Title is missing!. Molecular and Cellular Biochemistry, 2003, 242, 145-152.	3.1	67
30	Protein kinase CÉ›-dependent activation of proline-rich tyrosine kinase 2Âin neonatal rat ventricular myocytes. Journal of Molecular and Cellular Cardiology, 2003, 35, 1121-1133.	1.9	31
31	Activation of focal adhesion kinase by protein kinase CÏµ in neonatal rat ventricular myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1684-H1696.	3.2	56
32	Alterations in protein kinase C isoenzyme expression and autophosphorylation during the progression of pressure overload-induced left ventricular hypertrophy. , 2003, , 145-152.		2
33	Alterations in protein kinase C isoenzyme expression and autophosphorylation during the progression of pressure overload-induced left ventricular hypertrophy. Molecular and Cellular Biochemistry, 2003, 242, 145-52.	3.1	34
34	GFP-FRNK Disrupts Focal Adhesions and Induces Anoikis in Neonatal Rat Ventricular Myocytes. Circulation Research, 2002, 90, 1282-1289.	4.5	114
35	PYK2 expression and phosphorylation increases in pressure overload-induced left ventricular hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H695-H706.	3.2	46
36	PYK2 Expression and Phosphorylation in Neonatal and Adult Cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2001, 33, 1017-1030.	1.9	38

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37	Differential activation of mitogen-activated protein kinase cascades by protein kinase C (PKC) delta and epsilon. Journal of Molecular and Cellular Cardiology, 2001, 33, A45.	1.9	0
38	Role of protein kinase C-Îµ in hypertrophy of cultured neonatal rat ventricular myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H756-H766.	3.2	53
39	Differential Activation of Mitogen-Activated Protein Kinase Cascades and Apoptosis by Protein Kinase C Îµ and Î´ in Neonatal Rat Ventricular Myocytes. Circulation Research, 2001, 89, 882-890.	4.5	151
40	Differential effects of transferrin receptor blockade on the cellular mechanisms involved in graft rejection. Transplant Immunology, 1999, 7, 131-139.	1.2	6
41	ENHANCED ALLOGRAFT SURVIVAL VIA SIMULTANEOUS BLOCKADE OF TRANSFERRIN RECEPTOR AND INTERLEUKIN-2 RECEPTOR1. Transplantation, 1999, 68, 1369-1376.	1.0	3
42	Emerging therapeutic targets in immunosuppression: the transferrin receptor. Expert Opinion on Therapeutic Targets, 1998, 2, 41-55.	1.0	0
43	Transferrin receptor in T cell activation and transplantation. Journal of Leukocyte Biology, 1998, 64, 19-24.	3.3	31
44	ANTI-TRANSFERRIN RECEPTOR MONOCLONAL ANTIBODY. Transplantation, 1998, 65, 6-9.	1.0	15
45	T-CELL ALTERATIONS IN CARDIAC ALLOGRAFT RECIPIENTS AFTER B7 (CD80 AND CD86) BLOCKADE1. Transplantation, 1998, 66, 14-20.	1.0	15