

Allison L Bayer

List of Publications by Year in descending order

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45
papers

2,573
citations

279701

23
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276775

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docs citations

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times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	CCL21 and beta-cell antigen releasing hydrogels as tolerance-inducing therapy in Type I diabetes. <i>Journal of Controlled Release</i> , 2022, 348, 499-517.	4.8	3
2	Immunosuppressive PLGA TGF- β 21 Microparticles Induce Polyclonal and Antigen-Specific Regulatory T Cells for Local Immunomodulation of Allogeneic Islet Transplants. <i>Frontiers in Immunology</i> , 2021, 12, 653088.	2.2	16
3	Immunomodulation Followed by Antigen-Specific Treg Infusion Controls Islet Autoimmunity. <i>Diabetes</i> , 2020, 69, 215-227.	0.3	28
4	In vitro platform establishes antigen-specific CD8+ T cell cytotoxicity to encapsulated cells via indirect antigen recognition. <i>Biomaterials</i> , 2020, 256, 120182.	5.7	25
5	CCL21 Expression in β -Cells Induces Antigen-Expressing Stromal Cell Networks in the Pancreas and Prevents Autoimmune Diabetes in Mice. <i>Diabetes</i> , 2019, 68, 1990-2003.	0.3	14
6	Immunoisolation of murine islet allografts in vascularized sites through conformal coating with polyethylene glycol. <i>American Journal of Transplantation</i> , 2018, 18, 590-603.	2.6	53
7	Altered homeostasis and development of regulatory T cell subsets represent an IL-2R α -dependent risk for diabetes in NOD mice. <i>Science Signaling</i> , 2017, 10, .	1.6	12
8	The Folate Cycle As a Cause of Natural Killer Cell Dysfunction and Viral Etiology in Type 1 Diabetes. <i>Frontiers in Endocrinology</i> , 2017, 8, 315.	1.5	27
9	The Expanding Role of Natural Killer Cells in Type 1 Diabetes and Immunotherapy. <i>Current Diabetes Reports</i> , 2016, 16, 109.	1.7	26
10	Engineering an "infectious" Treg biomimetic through chemoselective tethering of TGF- β 21 to PEG brush surfaces. <i>Biomaterials</i> , 2015, 67, 20-31.	5.7	19
11	Adoptive T Regulatory Cell Therapy for Tolerance Induction. <i>Current Transplantation Reports</i> , 2015, 2, 191-201.	0.9	9
12	In Vivo Environment Necessary to Support Transplanted Donor Mouse T Regulatory Cells. <i>American Journal of Transplantation</i> , 2014, 14, 1032-1045.	2.6	13
13	T Regulatory Cell Adoptive Therapy for Tolerance Induction in Autoimmunity and Transplantation. <i>American Journal of Transplantation</i> , 2014, 14, 2432-2433.	2.6	4
14	Small-molecule modulators of the OX40-OX40 ligand co-stimulatory protein-protein interaction. <i>British Journal of Pharmacology</i> , 2014, 171, 4955-4969.	2.7	27
15	The IL-2/IL-2R system: from basic science to therapeutic applications to enhance immune regulation. <i>Immunologic Research</i> , 2013, 57, 197-209.	1.3	76
16	Prevention of Autoimmune Diabetes and Induction of β -Cell Proliferation in NOD Mice by Hyperbaric Oxygen Therapy. <i>Diabetes</i> , 2012, 61, 1769-1778.	0.3	38
17	Expansion of a restricted residual host T _{reg} cell repertoire is dependent on IL-2 following experimental autologous hematopoietic stem transplantation. <i>European Journal of Immunology</i> , 2011, 41, 3467-3478.	1.6	12
18	High-resolution, noninvasive longitudinal live imaging of immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12863-12868.	3.3	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. <i>Blood</i> , 2009, 113, 733-743.	0.6	46
20	IL-2 Family of Cytokines in T Regulatory Cell Development and Homeostasis. <i>Journal of Clinical Immunology</i> , 2008, 28, 635-639.	2.0	89
21	A Function for IL-7R for CD4+CD25+Foxp3+ T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 181, 225-234.	0.4	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. <i>Journal of Immunology</i> , 2007, 178, 4062-4071.	0.4	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.. <i>Blood</i> , 2007, 110, 65-65.	0.6	1
25	Quantitative assessment concerning the contribution of IL-2R α for superantigen-mediated T cell responses in vivo. <i>International Immunology</i> , 2006, 18, 565-572.	1.8	14
26	Cutting Edge: Allogeneic CD4+CD25+Foxp3+ T Regulatory Cells Suppress Autoimmunity while Establishing Transplantation Tolerance. <i>Journal of Immunology</i> , 2006, 176, 7149-7153.	0.4	66
27	Essential role for interleukin-2 for CD4+CD25+ T regulatory cell development during the neonatal period. <i>Journal of Experimental Medicine</i> , 2005, 201, 769-777.	4.2	218
28	Tolerance, not immunity, crucially depends on IL-2. <i>Nature Reviews Immunology</i> , 2004, 4, 665-674.	10.6	733
29	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 242, 145-152.	1.4	67
30	Protein kinase C δ -dependent activation of proline-rich tyrosine kinase 2 in neonatal rat ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 1121-1133.	0.9	31
31	Activation of focal adhesion kinase by protein kinase C μ in neonatal rat ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1684-H1696.	1.5	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. <i>Molecular and Cellular Biochemistry</i> , 2003, 242, 145-52.	1.4	34
34	GFP-FRNK Disrupts Focal Adhesions and Induces Anoikis in Neonatal Rat Ventricular Myocytes. <i>Circulation Research</i> , 2002, 90, 1282-1289.	2.0	114
35	PYK2 expression and phosphorylation increases in pressure overload-induced left ventricular hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H695-H706.	1.5	46
36	PYK2 Expression and Phosphorylation in Neonatal and Adult Cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 1017-1030.	0.9	38

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37	Differential activation of mitogen-activated protein kinase cascades by protein kinase C (PKC) delta and epsilon. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, A45.	0.9	0
38	Role of protein kinase C- μ in hypertrophy of cultured neonatal rat ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H756-H766.	1.5	53
39	Differential Activation of Mitogen-Activated Protein Kinase Cascades and Apoptosis by Protein Kinase C μ and δ in Neonatal Rat Ventricular Myocytes. <i>Circulation Research</i> , 2001, 89, 882-890.	2.0	151
40	Differential effects of transferrin receptor blockade on the cellular mechanisms involved in graft rejection. <i>Transplant Immunology</i> , 1999, 7, 131-139.	0.6	6
41	ENHANCED ALLOGRAFT SURVIVAL VIA SIMULTANEOUS BLOCKADE OF TRANSFERRIN RECEPTOR AND INTERLEUKIN-2 RECEPTOR1. <i>Transplantation</i> , 1999, 68, 1369-1376.	0.5	3
42	Emerging therapeutic targets in immunosuppression: the transferrin receptor. <i>Expert Opinion on Therapeutic Targets</i> , 1998, 2, 41-55.	1.0	0
43	Transferrin receptor in T cell activation and transplantation. <i>Journal of Leukocyte Biology</i> , 1998, 64, 19-24.	1.5	31
44	ANTI-TRANSFERRIN RECEPTOR MONOCLONAL ANTIBODY. <i>Transplantation</i> , 1998, 65, 6-9.	0.5	15
45	T-CELL ALTERATIONS IN CARDIAC ALLOGRAFT RECIPIENTS AFTER B7 (CD80 AND CD86) BLOCKADE1. <i>Transplantation</i> , 1998, 66, 14-20.	0.5	15