Alan G Baxter

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5727108/publications.pdf

Version: 2024-02-01

86 papers	6,518 citations	117625 34 h-index	64796 79 g-index
90 all docs	90 docs citations	90 times ranked	8429 citing authors

#	Article	IF	Citations
1	NKT cells: facts, functions and fallacies. Trends in Immunology, 2000, 21, 573-583.	7.5	771
2	Raising the NKT cell family. Nature Immunology, 2010, 11, 197-206.	14.5	573
3	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. Nature Immunology, 2017, 18, 552-562.	14.5	551
4	Î±/Î²â€“T Cell Receptor (TCR)+CD4â^'CD8â^' (NKT) Thymocytes Prevent Insulin-dependent Diabetes Mellitus in Nonobese Diabetic (NOD)/Lt Mice by the Influence of Interleukin (IL)-4 and/or IL-10. Journal of Experimental Medicine, 1998, 187, 1047-1056.	8.5	441
5	The origin and application of experimental autoimmune encephalomyelitis. Nature Reviews Immunology, 2007, 7, 904-912.	22.7	384
6	A Natural Killer T (NKT) Cell Developmental Pathway Involving a Thymus-dependent NK1.1â^'CD4+ CD1d-dependent Precursor Stage. Journal of Experimental Medicine, 2002, 195, 835-844.	8.5	332
7	Presumed guilty: natural killer T cell defects and human disease. Nature Reviews Immunology, 2011, 11, 131-142.	22.7	324
8	NKT cells are phenotypically and functionally diverse. European Journal of Immunology, 1999, 29, 3768-3781.	2.9	224
9	CD1d-Restricted NKT Cells: An Interstrain Comparison. Journal of Immunology, 2001, 167, 1164-1173.	0.8	200
10	The Interleukin 1 Beta (IL1B) Gene Is Associated with Failure to Achieve Remission and Impaired Emotion Processing in Major Depression. Biological Psychiatry, 2010, 67, 543-549.	1.3	169
11	Activation rules: the two-signal theories of immune activation. Nature Reviews Immunology, 2002, 2, 439-446.	22.7	148
12	Cytometric and functional analyses of NK and NKT cell deficiencies in NOD mice. International Immunology, 2001, 13, 887-896.	4.0	133
13	Clonal cytotoxic T cells are expanded in myeloma and reside in the CD8+CD57+CD28â^' compartment. Blood, 2001, 98, 2817-2827.	1.4	131
14	An Essential Role for Tumor Necrosis Factor in Natural Killer Cellâ€“mediated Tumor Rejection in the Peritoneum. Journal of Experimental Medicine, 1998, 188, 1611-1619.	8.5	126
15	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. Nature Immunology, 2020, 21, 1205-1218.	14.5	110
16	Flow Cytometric Study of T Cell Development in NOD Mice Reveals a Deficiency in Î±Î²TCR+CD4â^'CD8â^'Thymocytes. Journal of Autoimmunity, 1997, 10, 279-285.	6.5	97
17	The Role of NK Cells in Autoimmune Disease. Autoimmunity, 2002, 35, 1-14.	2.6	91
18	Generalized Resistance to Thymic Deletion in the NOD Mouse. Immunity, 2004, 21, 817-830.	14.3	90

#	Article	IF	Citations
19	Dengue virus NS1 protein activates immune cells via TLR4 but not TLR2 or TLR6. Immunology and Cell Biology, 2017, 95, 491-495.	2.3	89
20	Genetic Control of NKT Cell Numbers Maps to Major Diabetes and Lupus Loci. Journal of Immunology, 2003, 171, 2873-2878.	0.8	82
21	Slamf1, the NKT Cell Control Gene Nkt1. Journal of Immunology, 2007, 178, 1618-1627.	0.8	75
22	Self-adjuvanting nanoemulsion targeting dendritic cell receptor Clec9A enables antigen-specific immunotherapy. Journal of Clinical Investigation, 2018, 128, 1971-1984.	8.2	73
23	Role for MyD88, TLR2 and TLR9 but Not TLR1, TLR4 or TLR6 in Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2011, 187, 791-804.	0.8	70
24	The clonal selection theory: 50 years since the revolution. Nature Immunology, 2007, 8, 1019-1026.	14.5	58
25	Hemolytic anemia in non-obese diabetic mice. European Journal of Immunology, 1991, 21, 2051-2055.	2.9	56
26	A rare P2X7 variant Arg307Gln with absent pore formation function protects against neuroinflammation in multiple sclerosis. Human Molecular Genetics, 2015, 24, 5644-5654.	2.9	53
27	Role of toll-like receptors in multiple sclerosis. American Journal of Clinical and Experimental Immunology, 2013, 2, 75-93.	0.2	51
28	Systemic NKT cell deficiency in NOD mice is not detected in peripheral blood: implications for human studies. Immunology and Cell Biology, 2004, 82, 247-252.	2.3	49
29	The NOD Mouse as a Model of SLE. Autoimmunity, 2001, 34, 53-64.	2.6	48
30	Linkage Analysis of Systemic Lupus Erythematosus Induced in Diabetes-Prone Nonobese Diabetic Mice byMycobacterium bovis. Journal of Immunology, 2000, 165, 1673-1684.	0.8	43
31	Deficiency of Invariant NK T Cells in Crohn's Disease and Ulcerative Colitis. Digestive Diseases and Sciences, 2007, 52, 1415-1422.	2.3	42
32	The CYP27B1 variant associated with an increased risk of autoimmune disease is underexpressed in tolerizing dendritic cells. Human Molecular Genetics, 2014, 23, 1425-1434.	2.9	40
33	Immunopathogenesis, loss of T cell tolerance and genetics of autoimmune gastritis. Autoimmunity Reviews, 2002, 1, 290-297.	5.8	36
34	High and Low Diabetes Incidence Nonobese Diabetic (NOD) Mice: Origins and Characterisation. Autoimmunity, 1991, 9, 61-67.	2.6	35
35	The genetics of immunoregulatory T cells. Journal of Autoimmunity, 2008, 31, 237-244.	6.5	34
36	The MS Risk Allele of CD40 Is Associated with Reduced Cell-Membrane Bound Expression in Antigen Presenting Cells: Implications for Gene Function. PLoS ONE, 2015, 10, e0127080.	2.5	34

#	Article	IF	Citations
37	Congenic Analysis of the NKT Cell Control Gene Nkt2 Implicates the Peroxisomal Protein Pxmp4. Journal of Immunology, 2008, 181, 3400-3412.	0.8	32
38	Deficiency in Type I Interferon Signaling Prevents the Early Interferonâ€“Induced Gene Signature in Pancreatic Islets but Not Type 1 Diabetes in NOD Mice. Diabetes, 2014, 63, 1032-1040.	0.6	32
39	Common and Low Frequency Variants in MERTK Are Independently Associated with Multiple Sclerosis Susceptibility with Discordant Association Dependent upon HLA-DRB1*15:01 Status. PLoS Genetics, 2016, 12, e1005853.	3.5	29
40	T-Cellâ€“Specific PTPN2 Deficiency in NOD Mice Accelerates the Development of Type 1 Diabetes and Autoimmune Comorbidities. Diabetes, 2019, 68, 1251-1266.	0.6	27
41	Identification of the Gasa3 and Gasa4 autoimmune gastritis susceptibility genes using congenic mice and partitioned, segregative and interaction analyses. Immunogenetics, 2001, 53, 741-750.	2.4	26
42	Genetic requirements for acceleration of diabetes in non-obese diabetic mice expressing interleukin-2 in islet Î²-cells. European Journal of Immunology, 1994, 24, 2535-2541.	2.9	25
43	Temporal Regulation of Natural Killer T Cell Interferon Gamma Responses by Î²-Catenin-Dependent and -Independent Wnt Signaling. Frontiers in Immunology, 2018, 9, 483.	4.8	25
44	The genetics of the NOD mouse. Diabetes/metabolism Reviews, 1995, 11, 315-335.	0.3	23
45	Interleukin-2 receptor-Î± proximal promoter hypomethylation is associated with multiple sclerosis. Genes and Immunity, 2017, 18, 59-66.	4.1	23
46	Immunogenetics and the Cause of Autoimmune Disease. Autoimmunity, 1997, 25, 177-189.	2.6	22
47	Genetic control of NKT cell numbers. Immunology and Cell Biology, 2004, 82, 276-284.	2.3	22
48	Multiple sclerosis risk variants regulate gene expression in innate and adaptive immune cells. Life Science Alliance, 2020, 3, e202000650.	2.8	22
49	Clinical application of NKT cell biology in type I (autoimmune) diabetes mellitus. Immunology and Cell Biology, 2009, 87, 315-323.	2.3	20
50	Two genetic loci independently confer susceptibility to autoimmune gastritis. International Immunology, 2007, 19, 1135-1144.	4.0	19
51	Genetic Control of Susceptibility to Autoimmune Gastritis. International Reviews of Immunology, 2005, 24, 55-62.	3.3	18
52	Identity-by-Descent Mapping to Detect Rare Variants Conferring Susceptibility to Multiple Sclerosis. PLoS ONE, 2013, 8, e56379.	2.5	18
53	Role of SLAM in NKT Cell Development Revealed by Transgenic Complementation in NOD Mice. Journal of Immunology, 2011, 186, 3953-3965.	0.8	17
54	Immature murine NKT cells pass through a stage of developmentally programmed innate IL-4 secretion. Journal of Leukocyte Biology, 2012, 92, 999-1009.	3.3	17

#	Article	IF	Citations
55	Natural killer T cells are targets for human immunodeficiency virus infection. Immunology, 2003, 108, 1-2.	4.4	16
56	Dermal Enhancement: Bacterial Products on Intact Skin Induce and Augment Organ-Specific Autoimmune Disease. Journal of Immunology, 2004, 172, 302-309.	0.8	15
57	Symptomless infection with Ebola virus. Lancet, The, 2000, 355, 2178-2179.	13.7	14
58	Regulation of autoimmune diabetes: Characteristics of non-islet-antigen specific therapies. Immunology and Cell Biology, 1996, 74, 401-407.	2.3	13
59	Clinical application of NKT cell assays to the prediction of type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2001, 17, 429-435.	4.0	13
60	Louis Pasteur's beer of revenge. Nature Reviews Immunology, 2001, 1, 229-232.	22.7	13
61	From Markers to Molecular Mechanisms: Type 1 Diabetes in the Post-GWAS Era. Review of Diabetic Studies, 2012, 9, 201-223.	1.3	13
62	Altered behaviour and cognitive function following combined deletion of Toll-like receptors 2 and 4 in mice. Behavioural Brain Research, 2016, 303, 1-8.	2.2	12
63	Mycobacteria, an environmental enhancer of lupus nephritis in a mouse model of systemic lupus erythematosus. Immunology, 2003, 108, 70-78.	4.4	11
64	NKT cellsâ€”an early warning system for HBV infection. Nature Medicine, 2012, 18, 1014-1016.	30.7	10
65	Modelling the Effects of Genetic and Environmental Factors on the Risk of Autoimmune Disease. Journal of Autoimmunity, 2001, 16, 331-335.	6.5	9
66	Interactions between B-Lymphocytes and Type 1 NKT Cells in Autoimmune Diabetes. Journal of Immunotoxicology, 2008, 5, 249-257.	1.7	9
67	Double deficiency of toll-like receptors 2 and 4 alters long-term neurological sequelae in mice cured of pneumococcal meningitis. Scientific Reports, 2019, 9, 16189.	3.3	9
68	Genes Mediating Environment Interactions in Type 1 Diabetes. Review of Diabetic Studies, 2005, 2, 192-192.	1.3	9
69	Quantitative and qualitative approaches to GOD: the first 10 years of the clonal selection theory. Immunology and Cell Biology, 2008, 86, 72-79.	2.3	6
70	Developing NKT cells need their calcium. Nature Immunology, 2009, 10, 231-233.	14.5	6
71	Plasticity is the differentiated state of CD4 T cells. Cellular and Molecular Immunology, 2013, 10, 375-378.	10.5	6
72	Models of type 1 (autoimmune) diabetes. Drug Discovery Today: Disease Models, 2004, 1, 451-455.	1.2	4

#	Article	IF	Citations
73	No luck replicating the immune response in twins. Genome Medicine, 2015, 7, 29.	8.2	4
74	Allelic Variation of Ets1 Does Not Contribute to NK and NKT Cell Deficiencies in Type 1 Diabetes Susceptible NOD Mice. Review of Diabetic Studies, 2009, 6, 104-116.	1.3	4
75	Breast may well be best. Nature, 1992, 359, 194-195.	27.8	3
76	Genetic Predisposition, Humans. , 2014, , 341-364.		3
77	Ceruloplasmin geneâ€deficient mice with experimental autoimmune encephalomyelitis show attenuated early disease evolution. Journal of Neuroscience Research, 2014, 92, 732-742.	2.9	3
78	Genetic Predisposition, Humans. , 2020, , 383-418.		2
79	The cells that knew too much. Journal of Clinical Investigation, 2000, 105, 1675-1677.	8.2	2
80	Modulation of TCR signalling components occurs prior to positive selection and lineage commitment in iNKT cells. Scientific Reports, 2021, 11, 23650.	3.3	2
81	On lawnmowers and lay-down miseres. Immunology, 2004, 111, 252-253.	4.4	1
82	Self/Non-self Recognition. , 2006, , 37-61.		1
83	Functional tolerance for prevention of Type 1 diabetes. , 1998, 14, 254-256.		0
84	Type 1 Diabetes and NKT Cells: A Report on the 3rd International Workshop on NKT Cells and CD1-Mediated Antigen Presentation, September 2004, Heron Island, QLD, Australia. Review of Diabetic Studies, 2004, 1, 141-141.	1.3	0
85	Effect of MHC Class II Encoding Transgenes on Autoimmunity in Nonobese Diabetic Mice. , 1994, , 183-190.		0
86	Abdominal Distension and Escherichia coli Peritonitis in Mice Lacking Myeloid Differentiation Factor 88. Comparative Medicine, 2015, 65, 123-6.	1.0	0