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	Modulation of TCR signalling components occurs prior to positive selection and lineage commitment in iNKT cells. Scientific Reports, 2021, 11, 23650.	3.3	2
2	Genetic Predisposition, Humans. , 2020, , 383-418.		2
3	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. Nature Immunology, 2020, 21, 1205-1218.	14.5	110
4	Multiple sclerosis risk variants regulate gene expression in innate and adaptive immune cells. Life Science Alliance, 2020, 3, e202000650.	2.8	22
5	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
6	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
7	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
8	Self-adjuvanting nanoemulsion targeting dendritic cell receptor Clec9A enables antigen-specific immunotherapy. Journal of Clinical Investigation, 2018, 128, 1971-1984.	8.2	73
9	Interleukin-2 receptor-Î± proximal promoter hypomethylation is associated with multiple sclerosis. Genes and Immunity, 2017, 18, 59-66.	4.1	23
10	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
11	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
12	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
13	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
14	No luck replicating the immune response in twins. Genome Medicine, 2015, 7, 29.	8.2	4
15	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
16	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
17	Abdominal Distension and Escherichia coli Peritonitis in Mice Lacking Myeloid Differentiation Factor 88. Comparative Medicine, 2015, 65, 123-6.	1.0	0
18	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

#	Article	IF	Citations
19	Genetic Predisposition, Humans. , 2014, , 341-364.		3
20	Ceruloplasmin geneâ€deficient mice with experimental autoimmune encephalomyelitis show attenuated early disease evolution. Journal of Neuroscience Research, 2014, 92, 732-742.	2.9	3
21	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
22	Plasticity is the differentiated state of CD4 T cells. Cellular and Molecular Immunology, 2013, 10, 375-378.	10.5	6
23	Identity-by-Descent Mapping to Detect Rare Variants Conferring Susceptibility to Multiple Sclerosis. PLoS ONE, 2013, 8, e56379.	2.5	18
24	Role of toll-like receptors in multiple sclerosis. American Journal of Clinical and Experimental Immunology, 2013, 2, 75-93.	0.2	51
25	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
26	NKT cellsâ€”an early warning system for HBV infection. Nature Medicine, 2012, 18, 1014-1016.	30.7	10
27	From Markers to Molecular Mechanisms: Type 1 Diabetes in the Post-GWAS Era. Review of Diabetic Studies, 2012, 9, 201-223.	1.3	13
28	Presumed guilty: natural killer T cell defects and human disease. Nature Reviews Immunology, 2011, 11, 131-142.	22.7	324
29	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
30	Role of SLAM in NKT Cell Development Revealed by Transgenic Complementation in NOD Mice. Journal of Immunology, 2011, 186, 3953-3965.	0.8	17
31	Raising the NKT cell family. Nature Immunology, 2010, 11, 197-206.	14.5	573
32	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
33	Clinical application of NKT cell biology in type I (autoimmune) diabetes mellitus. Immunology and Cell Biology, 2009, 87, 315-323.	2.3	20
34	Developing NKT cells need their calcium. Nature Immunology, 2009, 10, 231-233.	14.5	6
35	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
36	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

#	Article	IF	Citations
37	Interactions between B-Lymphocytes and Type 1 NKT Cells in Autoimmune Diabetes. Journal of Immunotoxicology, 2008, 5, 249-257.	1.7	9
38	The genetics of immunoregulatory T cells. Journal of Autoimmunity, 2008, 31, 237-244.	6.5	34
39	Congenic Analysis of the NKT Cell Control Gene Nkt2 Implicates the Peroxisomal Protein Pxmp4. Journal of Immunology, 2008, 181, 3400-3412.	0.8	32
40	Two genetic loci independently confer susceptibility to autoimmune gastritis. International Immunology, 2007, 19, 1135-1144.	4.0	19
41	Slamf1, the NKT Cell Control Gene Nkt1. Journal of Immunology, 2007, 178, 1618-1627.	0.8	75
42	The clonal selection theory: 50 years since the revolution. Nature Immunology, 2007, 8, 1019-1026.	14.5	58
43	The origin and application of experimental autoimmune encephalomyelitis. Nature Reviews Immunology, 2007, 7, 904-912.	22.7	384
44	Deficiency of Invariant NK T Cells in Crohn's Disease and Ulcerative Colitis. Digestive Diseases and Sciences, 2007, 52, 1415-1422.	2.3	42
45	Self/Non-self Recognition. , 2006, , 37-61.		1
46	Genetic Control of Susceptibility to Autoimmune Gastritis. International Reviews of Immunology, 2005, 24, 55-62.	3.3	18
47	Genes Mediating Environment Interactions in Type 1 Diabetes. Review of Diabetic Studies, 2005, 2, 192-192.	1.3	9
48	Dermal Enhancement: Bacterial Products on Intact Skin Induce and Augment Organ-Specific Autoimmune Disease. Journal of Immunology, 2004, 172, 302-309.	0.8	15
49	Genetic control of NKT cell numbers. Immunology and Cell Biology, 2004, 82, 276-284.	2.3	22
50	On lawnmowers and lay-down miseres. Immunology, 2004, 111, 252-253.	4.4	1
51	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
52	Models of type 1 (autoimmune) diabetes. Drug Discovery Today: Disease Models, 2004, 1, 451-455.	1.2	4
53	Generalized Resistance to Thymic Deletion in the NOD Mouse. Immunity, 2004, 21, 817-830.	14.3	90
54	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

#	Article	IF	Citations
55	Mycobacteria, an environmental enhancer of lupus nephritis in a mouse model of systemic lupus erythematosus. Immunology, 2003, 108, 70-78.	4.4	11
56	Natural killer T cells are targets for human immunodeficiency virus infection. Immunology, 2003, 108, 1-2.	4.4	16
57	Genetic Control of NKT Cell Numbers Maps to Major Diabetes and Lupus Loci. Journal of Immunology, 2003, 171, 2873-2878.	0.8	82
58	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
59	The Role of NK Cells in Autoimmune Disease. Autoimmunity, 2002, 35, 1-14.	2.6	91
60	Immunopathogenesis, loss of T cell tolerance and genetics of autoimmune gastritis. Autoimmunity Reviews, 2002, 1, 290-297.	5.8	36
61	Activation rules: the two-signal theories of immune activation. Nature Reviews Immunology, 2002, 2, 439-446.	22.7	148
62	Modelling the Effects of Genetic and Environmental Factors on the Risk of Autoimmune Disease. Journal of Autoimmunity, 2001, 16, 331-335.	6.5	9
63	The NOD Mouse as a Model of SLE. Autoimmunity, 2001, 34, 53-64.	2.6	48
64	Clonal cytotoxic T cells are expanded in myeloma and reside in the CD8+CD57+CD28â^' compartment. Blood, 2001, 98, 2817-2827.	1.4	131
65	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
66	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
67	Louis Pasteur's beer of revenge. Nature Reviews Immunology, 2001, 1, 229-232.	22.7	13
68	CD1d-Restricted NKT Cells: An Interstrain Comparison. Journal of Immunology, 2001, 167, 1164-1173.	0.8	200
69	Cytometric and functional analyses of NK and NKT cell deficiencies in NOD mice. International Immunology, 2001, 13, 887-896.	4.0	133
70	NKT cells: facts, functions and fallacies. Trends in Immunology, 2000, 21, 573-583.	7.5	771
71	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
72	Symptomless infection with Ebola virus. Lancet, The, 2000, 355, 2178-2179.	13.7	14

#	Article	IF	Citations
73	The cells that knew too much. Journal of Clinical Investigation, 2000, 105, 1675-1677.	8.2	2
74	NKT cells are phenotypically and functionally diverse. European Journal of Immunology, 1999, 29, 3768-3781.	2.9	224
75	Functional tolerance for prevention of Type 1 diabetes. , 1998, 14, 254-256.		0
76	Î±/Î²â€“T Cell Receptor (TCR)+CD4âˆ’CD8âˆ’ (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
77	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
78	Immunogenetics and the Cause of Autoimmune Disease. Autoimmunity, 1997, 25, 177-189.	2.6	22
79	Flow Cytometric Study of T Cell Development in NOD Mice Reveals a Deficiency in Î±Î²TCR+CD4âˆ’CD8âˆ’Thymocytes. Journal of Autoimmunity, 1997, 10, 279-285.	6.5	97
80	Regulation of autoimmune diabetes: Characteristics of non-islet-antigen specific therapies. Immunology and Cell Biology, 1996, 74, 401-407.	2.3	13
81	The genetics of the NOD mouse. Diabetes/metabolism Reviews, 1995, 11, 315-335.	0.3	23
82	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
83	Effect of MHC Class II Encoding Transgenes on Autoimmunity in Nonobese Diabetic Mice. , 1994, , 183-190.		0
84	Breast may well be best. Nature, 1992, 359, 194-195.	27.8	3
85	High and Low Diabetes Incidence Nonobese Diabetic (NOD) Mice: Origins and Characterisation. Autoimmunity, 1991, 9, 61-67.	2.6	35
86	Hemolytic anemia in non-obese diabetic mice. European Journal of Immunology, 1991, 21, 2051-2055.	2.9	56