

Margaret Dallman

List of Publications by Year in descending order

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96
papers

6,283
citations

101543

36
h-index

66911

78
g-index

98
all docs

98
docs citations

98
times ranked

7076
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunisation against heterologous type II collagen induces arthritis in mice. <i>Nature</i> , 1980, 283, 666-668.	27.8	974
2	Relation of CD4+CD25+ regulatory T-cell suppression of allergen-driven T-cell activation to atopic status and expression of allergic disease. <i>Lancet, The</i> , 2004, 363, 608-615.	13.7	669
3	Reversing the defective induction of IL-10-secreting regulatory T cells in glucocorticoid-resistant asthma patients. <i>Journal of Clinical Investigation</i> , 2005, 116, 146-155.	8.2	511
4	MRC OX-19: A monoclonal antibody that labels rat T lymphocytes and augments in vitro proliferative responses. <i>European Journal of Immunology</i> , 1984, 14, 260-267.	2.9	318
5	From seeing to believing: labelling strategies for <i>in vivo</i> cell-tracking experiments. <i>Interface Focus</i> , 2013, 3, 20130001.	3.0	207
6	Serrate1-induced Notch signalling regulates the decision between immunity and tolerance made by peripheral CD4+ T cells. <i>International Immunology</i> , 2000, 12, 177-185.	4.0	195
7	The roles of host and donor cells in the rejection of skin allografts by T cell-deprived rats injected with syngeneic T cells. <i>European Journal of Immunology</i> , 1982, 12, 511-518.	2.9	190
8	The CD46-Jagged1 interaction is critical for human TH1 immunity. <i>Nature Immunology</i> , 2012, 13, 1213-1221.	14.5	163
9	Impaired Antiviral Response and Alpha/Beta Interferon Induction in Mice Lacking Beta Interferon. <i>Journal of Virology</i> , 2000, 74, 3404-3409.	3.4	161
10	Cytokines and transplantation: Th1/Th2 regulation of the immune response to solid organ transplants in the adult. <i>Current Opinion in Immunology</i> , 1995, 7, 632-638.	5.5	144
11	Independent degeneration of photoreceptors and retinal pigment epithelium in conditional knockout mouse models of choroideremia. <i>Journal of Clinical Investigation</i> , 2006, 116, 386-394.	8.2	116
12	Cytokine Gene Expression: Analysis using Northern Blotting, Polymerase Chain Reaction and in situ Hybridization. <i>Immunological Reviews</i> , 1991, 119, 163-179.	6.0	109
13	In utero gene transfer of human factor IX to fetal mice can induce postnatal tolerance of the exogenous clotting factor. <i>Blood</i> , 2003, 101, 1359-1366.	1.4	109
14	Sonic Hedgehog Promotes Cell Cycle Progression in Activated Peripheral CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2002, 169, 1869-1875.	0.8	91
15	Dietary cholesterol directly induces acute inflammasome-dependent intestinal inflammation. <i>Nature Communications</i> , 2014, 5, 5864.	12.8	89
16	Podocin Inactivation in Mature Kidneys Causes Focal Segmental Glomerulosclerosis and Nephrotic Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2181-2189.	6.1	87
17	Cytokines as mediators of organ graft rejection and tolerance. <i>Current Opinion in Immunology</i> , 1993, 5, 788-793.	5.5	86
18	In vivo fluorescence lifetime optical projection tomography. <i>Biomedical Optics Express</i> , 2011, 2, 1340.	2.9	77

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19	Cytokines and Peripheral Tolerance to Alloantigen. <i>Immunological Reviews</i> , 1993, 133, 5-18.	6.0	71
20	Photoswitchable gRNAs for Spatiotemporally Controlled CRISPR-Cas-Based Genomic Regulation. <i>ACS Central Science</i> , 2020, 6, 695-703.	11.3	69
21	Notch ligation by Delta1 inhibits peripheral immune responses to transplantation antigens by a CD8+ cell-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2003, 112, 1741-1750.	8.2	69
22	FLIM FRET Technology for Drug Discovery: Automated Multiwell-Plate High-Content Analysis, Multiplexed Readouts and Application in Situ. <i>ChemPhysChem</i> , 2011, 12, 609-626.	2.1	68
23	PATTERNS OF GRAFT INFILTRATION AND CYTOKINE GENE EXPRESSION DURING THE FIRST 10 DAYS OF KIDNEY TRANSPLANTATION. <i>Transplantation</i> , 1997, 63, 374-380.	1.0	63
24	Adenovirus-mediated gene transfer of CTLA-4Ig fusion protein in the suppression of experimental autoimmune arthritis. <i>Arthritis and Rheumatism</i> , 2000, 43, 1688-1697.	6.7	62
25	Designing attractive models via automated identification of chaotic and oscillatory dynamical regimes. <i>Nature Communications</i> , 2011, 2, 489.	12.8	62
26	SEQUENTIAL ANALYSIS OF IL-2 GENE TRANSCRIPTION IN RENAL TRANSPLANTS. <i>Transplantation</i> , 1992, 53, 683-684.	1.0	60
27	INDUCTION OF Ia ANTIGENS ON MURINE EPIDERMAL CELLS DURING THE REJECTION OF SKIN ALLOGRAFTS. <i>Transplantation</i> , 1983, 36, 222-223.	1.0	54
28	Notch signalling in the regulation of peripheral immunity. <i>Immunological Reviews</i> , 2001, 182, 215-227.	6.0	52
29	p62/SQSTM1 interacts with vimentin to enhance breast cancer metastasis. <i>Carcinogenesis</i> , 2017, 38, 1092-1103.	2.8	49
30	Noncanonical Notch Signaling Modulates Cytokine Responses of Dendritic Cells to Inflammatory Stimuli. <i>Journal of Immunology</i> , 2012, 189, 1274-1284.	0.8	48
31	SPONTANEOUS ACCEPTANCE OF LIVER ALLOGRAFTS IN THE RAT. <i>Transplantation</i> , 1994, 57, 171-176.	1.0	46
32	Notch: control of lymphocyte differentiation in the periphery. <i>Current Opinion in Immunology</i> , 2005, 17, 259-266.	5.5	45
33	Accelerated Optical Projection Tomography Applied to In Vivo Imaging of Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0136213.	2.5	45
34	Murine IL-10 Gene Transfer Inhibits Established Collagen-Induced Arthritis and Reduces Adenovirus-Mediated Inflammatory Responses in Mouse Liver. <i>Journal of Immunology</i> , 2001, 166, 5970-5978.	0.8	41
35	An Inducible Mouse Model for PAX2-Dependent Glomerular Disease: Insights into a Complex Pathogenesis. <i>Current Biology</i> , 2006, 16, 793-800.	3.9	39
36	Regulation of IL-17 in chronic inflammation in the human lung. <i>Clinical Science</i> , 2011, 120, 515-524.	4.3	39

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37	New chemical probes targeting cholesterylation of Sonic Hedgehog in human cells and zebrafish. <i>Chemical Science</i> , 2014, 5, 4249-4259.	7.4	37
38	Cutting Edge: Notch Signaling Induces a Distinct Cytokine Profile in Dendritic Cells That Supports T Cell-Mediated Regulation and IL-2-Dependent IL-17 Production. <i>Journal of Immunology</i> , 2008, 181, 8189-8193.	0.8	36
39	Zebrafish IL-4-like Cytokines and IL-10 Suppress Inflammation but Only IL-10 Is Essential for Gill Homeostasis. <i>Journal of Immunology</i> , 2020, 205, 994-1008.	0.8	36
40	In vivo biomolecular imaging of zebrafish embryos using confocal Raman spectroscopy. <i>Nature Communications</i> , 2020, 11, 6172.	12.8	36
41	Notch ligation by Delta1 inhibits peripheral immune responses to transplantation antigens by a CD8+ cell-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2003, 112, 1741-1750.	8.2	35
42	Global transcriptional analysis identifies a novel role for SOX4 in tumor-induced angiogenesis. <i>ELife</i> , 2018, 7, .	6.0	32
43	Linked Suppression in Peripheral T Cell Tolerance to the House Dust Mite Derived Allergen Der p 1. <i>International Archives of Allergy and Immunology</i> , 1999, 118, 122-124.	2.1	31
44	Calibrating spatio-temporal models of leukocyte dynamics against in vivo live-imaging data using approximate Bayesian computation. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 335.	1.3	31
45	CYTOKINE GENE EXPRESSION IN PANCREATIC ISLET GRAFTS IN THE RAT1. <i>Transplantation</i> , 1997, 64, 1152-1159.	1.0	31
46	Secretion of IFN- γ and not IL-2 by anergic human T cells correlates with assembly of an immature immune synapse. <i>Blood</i> , 2005, 106, 3874-3879.	1.4	29
47	Mucosal inflammation at the respiratory interface: a zebrafish model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L551-L561.	2.9	29
48	Visualising apoptosis in live zebrafish using fluorescence lifetime imaging with optical projection tomography to map FRET biosensor activity in space and time. <i>Journal of Biophotonics</i> , 2016, 9, 414-424.	2.3	28
49	The <i>Campylobacter jejuni</i> NCTC11168 capsule prevents excessive cytokine production by dendritic cells. <i>Medical Microbiology and Immunology</i> , 2012, 201, 137-144.	4.8	27
50	THE IMMUNE RESPONSE FOLLOWING SMALL BOWEL TRANSPLANTATION. <i>Transplantation</i> , 1996, 62, 851-855.	1.0	26
51	Inducible Gene Silencing in Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 786-791.	6.1	25
52	Incorporation of an experimentally determined MTF for spatial frequency filtering and deconvolution during optical projection tomography reconstruction. <i>Optics Express</i> , 2012, 20, 7323.	3.4	25
53	Remote focal scanning optical projection tomography with an electrically tunable lens. <i>Biomedical Optics Express</i> , 2014, 5, 3367.	2.9	25
54	LACK OF CORRELATION BETWEEN THE INDUCTION OF DONOR CLASS I AND CLASS II MAJOR HISTOCOMPATIBILITY COMPLEX ANTIGENS AND GRAFT REJECTION. <i>Transplantation</i> , 1988, 45, 759-767.	1.0	23

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55	Quantitative in vivo optical tomography of cancer progression & vasculature development in adult zebrafish. <i>Oncotarget</i> , 2016, 7, 43939-43948.	1.8	23
56	Molecular cloning of cDNAs for the rat interleukin 2 receptor $\hat{1}\alpha$ and $\hat{1}\beta$ chain genes: Differentially regulated gene activity in response to mitogenic stimulation. <i>European Journal of Immunology</i> , 1991, 21, 2133-2138.	2.9	22
57	Analysis of activated T cell infiltrates in rat renal allografts by gamma camera imaging after injection of 123iodine-interleukin 2. <i>Transplant Immunology</i> , 1993, 1, 45-51.	1.2	22
58	Sonic hedgehog promotes CD4+ T lymphocyte proliferation and modulates the expression of a subset of CD28-targeted genes. <i>International Immunology</i> , 2006, 18, 1627-1636.	4.0	22
59	MMBGX: a method for estimating expression at the isoform level and detecting differential splicing using whole-transcript Affymetrix arrays. <i>Nucleic Acids Research</i> , 2010, 38, e4-e4.	14.5	22
60	THE IMMUNE RESPONSE FOLLOWING SMALL BOWEL TRANSPLANTATION. <i>Transplantation</i> , 1997, 63, 1118-1123.	1.0	22
61	Spontaneous acceptance of rat liver allografts is associated with an early downregulation of intragraft interleukin-4 messenger RNA expression. <i>Hepatology</i> , 1995, 21, 767-775.	7.3	20
62	Cytokines and their receptors in transplantation. <i>Current Opinion in Immunology</i> , 1991, 3, 729-734.	5.5	19
63	SEMI-QUANTITATIVE POLYMERASE CHAIN REACTION ANALYSIS OF CYTOKINE AND CYTOKINE RECEPTOR GENE EXPRESSION DURING THYMIC ONTOGENY. <i>Cytokine</i> , 1997, 9, 717-726.	3.2	19
64	The cytokine network and regulation of the immune response to organ transplants. <i>Transplantation Reviews</i> , 1992, 6, 209-217.	2.9	18
65	Notch signalling in the regulation of peripheral T-cell function. <i>Seminars in Cell and Developmental Biology</i> , 2003, 14, 127-134.	5.0	18
66	P38 and JNK have opposing effects on persistence of <i>in vivo</i> leukocyte migration in zebrafish. <i>Immunology and Cell Biology</i> , 2013, 91, 60-69.	2.3	17
67	EFFECT OF ONE-HLA-HAPLOTYPE-MATCHED AND HLA-MISMATCHED BLOOD TRANSFUSIONS ON RECIPIENT T LYMPHOCYTE ALLOREPERTOIRES1. <i>Transplantation</i> , 1997, 63, 1160-1165.	1.0	17
68	Independent contributions of HLA epitopes and killer inhibitory receptor expression to the functional alloreactive specificity of natural killer cells. <i>Human Immunology</i> , 1998, 59, 700-712.	2.4	15
69	The NOTCH pathway contributes to cell fate decision in myelopoiesis. <i>Haematologica</i> , 2011, 96, 1753-1760.	3.5	15
70	Inhibition of Sonic Hedgehog Signaling Reduces Chronic Rejection and Prolongs Allograft Survival in a Rat Orthotopic Small Bowel Transplantation Model. <i>Transplantation</i> , 2007, 83, 1351-1357.	1.0	13
71	Mammary gland-specific secretion of biologically active immunosuppressive agent cytotoxic-T-lymphocyte antigen 4 human immunoglobulin fusion protein (CTLA4Ig) in milk by transgenesis. <i>Journal of Immunological Methods</i> , 2003, 277, 171-183.	1.4	11
72	HLA-DRB1 amino acid disparity is the major stimulus of interleukin-2 production by alloreactive helper T-lymphocytes. <i>Immunogenetics</i> , 1998, 47, 310-317.	2.4	9

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73	CD4+ T cells induced by virus-like particles expressing a major T cell epitope down-regulate IL-5 production in an ongoing immune response to Der p 1 independently of IFN- γ production. <i>International Immunology</i> , 1999, 11, 1927-1934.	4.0	9
74	Association of the CD134/CD134L costimulatory pathway with acute rejection of small bowel allograft. <i>Transplantation</i> , 2002, 74, 133-138.	1.0	9
75	Myristoylation profiling in human cells and zebrafish. <i>Data in Brief</i> , 2015, 4, 379-383.	1.0	9
76	Notch signalling in the peripheral immune system. <i>Novartis Foundation Symposium</i> , 2003, 252, 268-76; discussion 276-8.	1.1	9
77	Potent Virustatic Polymer-Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. <i>ACS Central Science</i> , 2022, 8, 1238-1257.	11.3	9
78	A fast and efficient method for transiently transfecting ES cells: application to the development of systems for conditional gene expression. <i>Transgenic Research</i> , 2000, 9, 229-232.	2.4	8
79	Induction of innate cytokine responses by respiratory mucosal challenge with R848 in zebrafish, mice, and humans. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 342-345.e7.	2.9	8
80	Antigen-Induced Tolerance to Organ Allografts. <i>Annals of the New York Academy of Sciences</i> , 1991, 636, 295-305.	3.8	7
81	Enumeration of human alloreactive helper T lymphocyte precursor frequencies by limiting dilution analysis of interleukin-2 production. <i>Journal of Immunological Methods</i> , 1996, 195, 33-41.	1.4	7
82	Selective silencing of full-length CD80 but not IgV-CD80 leads to impaired clonal deletion of self-reactive T cells and altered regulation of immune responses. <i>European Journal of Immunology</i> , 2001, 31, 118-127.	2.9	7
83	Rosiglitazone Suppresses Cyclosporin-Induced Chronic Transplant Dysfunction and Prolongs Survival of Rat Cardiac Allografts. <i>Transplantation</i> , 2007, 83, 1602-1610.	1.0	7
84	Notch Signalling in the Peripheral Immune System. <i>Novartis Foundation Symposium</i> , 2008, , 268-278.	1.1	7
85	The role of Nfil3 in zebrafish hematopoiesis. <i>Developmental and Comparative Immunology</i> , 2012, 38, 187-192.	2.3	7
86	GENE TARGETING. <i>Transplantation</i> , 1997, 64, 1227-1235.	1.0	7
87	Primary alloreactive cytotoxic T-lymphocytes are not commonly restricted by self-HLA class I antigens. <i>Human Immunology</i> , 1996, 50, 38-46.	2.4	6
88	Mesoscopic in vivo 3-D tracking of sparse cell populations using angular multiplexed optical projection tomography. <i>Biomedical Optics Express</i> , 2015, 6, 1253.	2.9	6
89	A Negative Regulatory Role in Mouse Cardiac Transplantation for a Splice Variant of CD80. <i>Transplantation</i> , 2006, 82, 1334-1341.	1.0	4
90	DYNAMICS OF THE EXPRESSION OF THE INTERLEUKIN-2 (IL-2) RECEPTOR IN RAT RENAL ALLOGRAFTS ANALYZED BY IMMUNOHISTOLOGY, AUTORADIOGRAPHY, AND NUCLEAR IMAGING USING RADIOIODINATED IL-2 PROBES. <i>Transplantation</i> , 1994, 58, 1284-1287.	1.0	3

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91	CD46: Just a Notch up your common complement regulator. <i>Molecular Immunology</i> , 2010, 47, 2229-2229.	2.2	3
92	Vascular anastomotic techniques for experimental intestinal transplantation. <i>Transplant International</i> , 1994, 7, 368-371.	1.6	1
93	<i>Immunology of Graft Rejection.</i> , 2008, , 9-32.		1
94	Enhancement and inhibition of cellular responsiveness mediated by the anti-leucocyte monoclonal antibody NDS 71. <i>Immunology Letters</i> , 1995, 46, 37-42.	2.5	0
95	<i>Immunology of Graft Rejection.</i> , 2014, , 10-38.		0
96	<i>TRANSPLANTATION IMMUNOBIOLOGY.</i> , 1997, , 27-42.		0