

Holger M Reichardt

List of Publications by Year in descending order

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117
papers

9,598
citations

44069

48
h-index

37204

96
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120
all docs

120
docs citations

120
times ranked

11897
citing authors

#	ARTICLE	IF	CITATIONS
1	Resetting of Circadian Time in Peripheral Tissues by Glucocorticoid Signaling. <i>Science</i> , 2000, 289, 2344-2347.	12.6	1,591
2	DNA Binding of the Glucocorticoid Receptor Is Not Essential for Survival. <i>Cell</i> , 1998, 93, 531-541.	28.9	1,009
3	Glucocorticoids Suppress Bone Formation by Attenuating Osteoblast Differentiation via the Monomeric Glucocorticoid Receptor. <i>Cell Metabolism</i> , 2010, 11, 517-531.	16.2	346
4	The glucocorticoid receptor and FOXO1 synergistically activate the skeletal muscle atrophy-associated MuRF1 gene. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E785-E797.	3.5	278
5	Loss of the limbic mineralocorticoid receptor impairs behavioral plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 195-200.	7.1	240
6	Therapeutic Efficacy of Intranasally Delivered Mesenchymal Stem Cells in a Rat Model of Parkinson Disease. <i>Rejuvenation Research</i> , 2011, 14, 3-16.	1.8	225
7	Macrophages and neutrophils are the targets for immune suppression by glucocorticoids in contact allergy. <i>Journal of Clinical Investigation</i> , 2007, 117, 1381-1390.	8.2	225
8	Mice with an Increased Glucocorticoid Receptor Gene Dosage Show Enhanced Resistance to Stress and Endotoxic Shock. <i>Molecular and Cellular Biology</i> , 2000, 20, 9009-9017.	2.3	193
9	The DNA Binding-Independent Function of the Glucocorticoid Receptor Mediates Repression of Ap-1-Dependent Genes in Skin. <i>Journal of Cell Biology</i> , 1999, 147, 1365-1370.	5.2	179
10	Glucocorticoids exert opposing effects on macrophage function dependent on their concentration. <i>Immunology</i> , 2007, 122, 47-53.	4.4	174
11	MOLECULAR MECHANISMS OF GLUCOCORTICOIDS IN THE CONTROL OF INFLAMMATION AND LYMPHOCYTE APOPTOSIS. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2005, 42, 71-104.	6.1	164
12	Peripheral T Cells Are the Therapeutic Targets of Glucocorticoids in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2008, 180, 8434-8443.	0.8	161
13	Genetic dissection of glucocorticoid receptor function in mice. <i>Current Opinion in Genetics and Development</i> , 1998, 8, 532-538.	3.3	160
14	Wild-type microglia do not reverse pathology in mouse models of Rett syndrome. <i>Nature</i> , 2015, 521, E1-E4.	27.8	159
15	Inducible and reversible gene silencing by stable integration of an shRNA-encoding lentivirus in transgenic rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18507-18512.	7.1	149
16	Genetic disruption of mineralocorticoid receptor leads to impaired neurogenesis and granule cell degeneration in the hippocampus of adult mice. <i>EMBO Reports</i> , 2000, 1, 447-451.	4.5	142
17	Glucocorticoid receptor dimerization is required for survival in septic shock via suppression of interleukin-1 in macrophages. <i>FASEB Journal</i> , 2012, 26, 722-729.	0.5	135
18	Glucocorticoids limit acute lung inflammation in concert with inflammatory stimuli by induction of SphK1. <i>Nature Communications</i> , 2015, 6, 7796.	12.8	131

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19	Glucocorticoid signalling“multiple variations of a common theme. <i>Molecular and Cellular Endocrinology</i> , 1998, 146, 1-6.	3.2	127
20	Spondylarthritis in HLA“B27/human \hat{I}^2 microglobulin“transgenic rats is not prevented by lack of CD8. <i>Arthritis and Rheumatism</i> , 2009, 60, 1977-1984.	6.7	123
21	Glucocorticoid receptor function in hepatocytes is essential to promote postnatal body growth. <i>Genes and Development</i> , 2004, 18, 492-497.	5.9	110
22	\hat{I}^2 -Synuclein-reactive T cells induce autoimmune CNS grey matter degeneration. <i>Nature</i> , 2019, 566, 503-508.	27.8	109
23	Prednisolone-induced differential gene expression in mouse liver carrying wild type or a dimerization-defective glucocorticoid receptor. <i>BMC Genomics</i> , 2010, 11, 359.	2.8	107
24	A combination of fluorescent NFAT and H2B sensors uncovers dynamics of T cell activation in real time during CNS autoimmunity. <i>Nature Medicine</i> , 2013, 19, 784-790.	30.7	107
25	Mice with targeted mutations of glucocorticoid and mineralocorticoid receptors: Models for depression and anxiety?. <i>Physiology and Behavior</i> , 2001, 73, 811-825.	2.1	101
26	Glucocorticoids Engage Different Signal Transduction Pathways to Induce Apoptosis in Thymocytes and Mature T Cells. <i>Journal of Immunology</i> , 2006, 176, 1695-1702.	0.8	96
27	Absence of Glucocorticoid Receptor- \hat{I}^2 in Mice. <i>Journal of Biological Chemistry</i> , 1997, 272, 26665-26668.	3.4	93
28	Glucocorticoid therapy of antigen-induced arthritis depends on the dimerized glucocorticoid receptor in T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19317-19322.	7.1	91
29	The Insulin Receptor Plays a Critical Role in T Cell Function and Adaptive Immunity. <i>Journal of Immunology</i> , 2017, 198, 1910-1920.	0.8	89
30	Glucocorticoid receptor in T cells mediates protection from autoimmunity in pregnancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E181-E190.	7.1	86
31	A cell-autonomous role for the glucocorticoid receptor in skeletal muscle atrophy induced by systemic glucocorticoid exposure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1210-E1220.	3.5	83
32	Glucocorticoids in the control of neuroinflammation. <i>Molecular and Cellular Endocrinology</i> , 2007, 275, 62-70.	3.2	80
33	Cell-specific Regulation of PTX3 by Glucocorticoid Hormones in Hematopoietic and Nonhematopoietic Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 29983-29992.	3.4	78
34	ORIGINAL ARTICLE: Impact of Female Sex Hormones on the Maturation and Function of Human Dendritic Cells. <i>American Journal of Reproductive Immunology</i> , 2009, 62, 165-173.	1.2	77
35	Polyclonal expansion of regulatory T cells interferes with effector cell migration in a model of multiple sclerosis. <i>Brain</i> , 2006, 129, 2635-2647.	7.6	75
36	Lentivirally generated eGFP-transgenic rats allow efficient cell tracking in vivo. <i>Genesis</i> , 2004, 39, 94-99.	1.6	73

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37	Multifunctional Phosphate-Based Inorganic-Organic Hybrid Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 7329-7336.	13.7	71
38	Corticotropin-releasing hormone expression is the major target for glucocorticoid feedback-control at the hypothalamic level. <i>Brain Research</i> , 1999, 818, 488-491.	2.2	66
39	Liposomal Encapsulation of Glucocorticoids Alters Their Mode of Action in the Treatment of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2011, 187, 4310-4318.	0.8	65
40	Tolerance induction by bone marrow transplantation in a multiple sclerosis model. <i>Blood</i> , 2005, 106, 1875-1883.	1.4	62
41	Therapeutic and Adverse Effects of a Non-Steroidal Glucocorticoid Receptor Ligand in a Mouse Model of Multiple Sclerosis. <i>PLoS ONE</i> , 2009, 4, e8202.	2.5	62
42	Feedback Control of Glucocorticoid Production is Established during Fetal Development. <i>Molecular Medicine</i> , 1996, 2, 735-744.	4.4	59
43	A role for endogenous glucocorticoids in wound repair. <i>EMBO Reports</i> , 2002, 3, 575-582.	4.5	57
44	Analysis of glucocorticoid signalling by gene targeting. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1998, 65, 111-115.	2.5	53
45	Novel Drug Delivery Systems Tailored for Improved Administration of Glucocorticoids. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1836.	4.1	53
46	Targeting antiapoptotic A1/Bfl-1 by in vivo RNAi reveals multiple roles in leukocyte development in mice. <i>Blood</i> , 2012, 119, 6032-6042.	1.4	52
47	Glucocorticoid receptor dimers control intestinal STAT1 and TNF-induced inflammation in mice. <i>Journal of Clinical Investigation</i> , 2018, 128, 3265-3279.	8.2	52
48	Targeted delivery of glucocorticoids to macrophages in a mouse model of multiple sclerosis using inorganic-organic hybrid nanoparticles. <i>Journal of Controlled Release</i> , 2017, 245, 157-169.	9.9	49
49	The glycoprotein-hormones activin A and inhibin A interfere with dendritic cell maturation. <i>Reproductive Biology and Endocrinology</i> , 2008, 6, 17.	3.3	48
50	Healthy Bone Marrow Cells Reduce Progression of Kidney Failure Better than CKD Bone Marrow Cells in Rats with Established Chronic Kidney Disease. <i>Cell Transplantation</i> , 2012, 21, 2299-2312.	2.5	48
51	Type 1 Diabetes in BioBreeding Rats Is Critically Linked to an Imbalance between Th17 and Regulatory T Cells and an Altered TCR Repertoire. <i>Journal of Immunology</i> , 2010, 185, 2285-2294.	0.8	47
52	Chemokine-mediated redirection of T cells constitutes a critical mechanism of glucocorticoid therapy in autoimmune CNS responses. <i>Acta Neuropathologica</i> , 2014, 127, 713-729.	7.7	46
53	Influence of Short-Term Glucocorticoid Therapy on Regulatory T Cells In Vivo. <i>PLoS ONE</i> , 2011, 6, e24345.	2.5	46
54	Intestinal Smooth Muscle Cell Maintenance by Basic Fibroblast Growth Factor. <i>Tissue Engineering - Part A</i> , 2008, 14, 1395-1402.	3.1	45

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55	Airway Epithelial Cells Are Crucial Targets of Glucocorticoids in a Mouse Model of Allergic Asthma. <i>Journal of Immunology</i> , 2017, 199, 48-61.	0.8	44
56	Glucocorticoid Therapy of Multiple Sclerosis Patients Induces Anti-inflammatory Polarization and Increased Chemotaxis of Monocytes. <i>Frontiers in Immunology</i> , 2019, 10, 1200.	4.8	44
57	The Role of Glucocorticoids in Inflammatory Diseases. <i>Cells</i> , 2021, 10, 2921.	4.1	44
58	New Insights into Glucocorticoid and Mineralocorticoid Signaling: Lessons from Gene Targeting. <i>Advances in Pharmacology</i> , 1999, 47, 1-21.	2.0	43
59	Glucocorticoids in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 1657-1670.	2.8	43
60	Enhanced Glucocorticoid Receptor Signaling in T Cells Impacts Thymocyte Apoptosis and Adaptive Immune Responses. <i>American Journal of Pathology</i> , 2007, 170, 1041-1053.	3.8	43
61	A CD28 superagonistic antibody elicits 2 functionally distinct waves of T cell activation in rats. <i>Journal of Clinical Investigation</i> , 2008, 118, 1405-1416.	8.2	41
62	Impaired resolution of DSS-induced colitis in mice lacking the glucocorticoid receptor in myeloid cells. <i>PLoS ONE</i> , 2018, 13, e0190846.	2.5	40
63	Progesterone modulates the T cell response via glucocorticoid receptor-dependent pathways. <i>American Journal of Reproductive Immunology</i> , 2019, 81, e13084.	1.2	40
64	Molecular Genetic Analysis of Glucocorticoid Signaling Using the Cre/loxP System. <i>Biological Chemistry</i> , 2000, 381, 961-964.	2.5	37
65	Inhibition of Notch signaling biases rat thymocyte development towards the NK cell lineage. <i>European Journal of Immunology</i> , 2004, 34, 1405-1413.	2.9	35
66	Glucocorticoids Enhance Intestinal Glucose Uptake Via the Dimerized Glucocorticoid Receptor in Enterocytes. <i>Endocrinology</i> , 2012, 153, 1783-1794.	2.8	33
67	Glucocorticoids attenuate acute graft-versus-host disease by suppressing the cytotoxic capacity of CD8 ⁺ T cells. <i>Journal of Pathology</i> , 2015, 235, 646-655.	4.5	33
68	Acid Sphingomyelinase Is Required for Protection of Effector Memory T Cells against Glucocorticoid-Induced Cell Death. <i>Journal of Immunology</i> , 2011, 187, 4509-4516.	0.8	30
69	Traditional Concepts and Future Avenues of Glucocorticoid Action in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis Therapy. <i>Critical Reviews in Immunology</i> , 2009, 29, 255-273.	0.5	29
70	Tyrphostin AG126 exerts neuroprotection in CNS inflammation by a dual mechanism. <i>Glia</i> , 2015, 63, 1083-1099.	4.9	29
71	Depletion of Cutaneous Macrophages and Dendritic Cells Promotes Growth of Basal Cell Carcinoma in Mice. <i>PLoS ONE</i> , 2014, 9, e93555.	2.5	29
72	Glucocorticoid Receptor-Deficient Foxp3 ⁺ Regulatory T Cells Fail to Control Experimental Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2019, 10, 472.	4.8	28

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73	Activation of the MAP Kinase Pathway Induces Apoptosis in the Merkel Cell Carcinoma Cell Line UIISO. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2116-2122.	0.7	27
74	C-type lectin receptors Mcl and Mincle control development of multiple sclerosisâ€like neuroinflammation. <i>Journal of Clinical Investigation</i> , 2020, 130, 838-852.	8.2	27
75	Glucocorticoids Induce Effector T Cell Depolarization via ERM Proteins, Thereby Impeding Migration and APC Conjugation. <i>Journal of Immunology</i> , 2013, 190, 4360-4370.	0.8	26
76	Deletion of the Mineralocorticoid Receptor in Myeloid Cells Attenuates Central Nervous System Autoimmunity. <i>Frontiers in Immunology</i> , 2017, 8, 1319.	4.8	26
77	The potential role of T cell migration and chemotaxis as targets of glucocorticoids in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Molecular and Cellular Endocrinology</i> , 2013, 380, 99-107.	3.2	25
78	Prediction of graft-versus-host disease: a biomarker panel based on lymphocytes and cytokines. <i>Annals of Hematology</i> , 2017, 96, 1127-1133.	1.8	25
79	The Glucocorticoid Receptor in Intestinal Epithelial Cells Alleviates Colitis and Associated Colorectal Cancer in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1505-1518.	4.5	23
80	Resistance of Single-Positive Thymocytes to Glucocorticoid-Induced Apoptosis Is Mediated by CD28 Signaling. <i>Molecular Endocrinology</i> , 2004, 18, 687-695.	3.7	22
81	Erythropoietin Responsive Cardiomyogenic Cells Contribute to Heart Repair Post Myocardial Infarction. <i>Stem Cells</i> , 2014, 32, 2480-2491.	3.2	22
82	Regeneration competent satellite cell niches in rat engineered skeletal muscle. <i>FASEB BioAdvances</i> , 2019, 1, 731-746.	2.4	21
83	CD8+ T cell help is required for efficient induction of EAE in Lewis rats. <i>Journal of Neuroimmunology</i> , 2013, 260, 17-27.	2.3	20
84	Glucocorticoids Induce Gastroparesis in Mice Through Depletion of l-Arginine. <i>Endocrinology</i> , 2014, 155, 3899-3908.	2.8	20
85	High-grade acute organ toxicity and p16INK4A expression as positive prognostic factors in primary radio(chemo)therapy for patients with head and neck squamous cell carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 566-572.	2.0	20
86	Fluorescent Inorganicâ€Organic Hybrid Nanoparticles. <i>ChemNanoMat</i> , 2019, 5, 24-45.	2.8	20
87	The Hedgehog Receptor Patched1 in T Cells Is Dispensable for Adaptive Immunity in Mice. <i>PLoS ONE</i> , 2013, 8, e61034.	2.5	19
88	Modified Extracorporeal Photopheresis with Cells from a Healthy Donor for Acute Graft-versus-Host Disease in a Mouse Model. <i>PLoS ONE</i> , 2014, 9, e105896.	2.5	19
89	Thymocyteâ€derived BDNF influences Tâ€cell maturation at the DN3/DN4 transition stage. <i>European Journal of Immunology</i> , 2015, 45, 1326-1338.	2.9	18
90	T-cell autonomous death induced by regeneration of inert glucocorticoid metabolites. <i>Cell Death and Disease</i> , 2017, 8, e2948-e2948.	6.3	17

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91	T Cell Development Critically Depends on Prethymic Stromal Patched Expression. <i>Journal of Immunology</i> , 2011, 186, 3383-3391.	0.8	15
92	The Ambivalent Role of Apoptosis in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. <i>Current Pharmaceutical Design</i> , 2012, 18, 4453-4464.	1.9	14
93	The glucocorticoid receptor in recipient cells keeps cytokine secretion in acute graft-versus-host disease at bay. <i>Oncotarget</i> , 2018, 9, 15437-15450.	1.8	14
94	Sustained Pre-TCR Expression in Notch1IC-Transgenic Rats Impairs T Cell Maturation and Selection. <i>Journal of Immunology</i> , 2005, 174, 7845-7852.	0.8	13
95	Silencing of the Mineralocorticoid Receptor by Ribonucleic Acid Interference in Transgenic Rats Disrupts Endocrine Homeostasis. <i>Molecular Endocrinology</i> , 2008, 22, 1304-1311.	3.7	13
96	Inducible Knock-Down of the Mineralocorticoid Receptor in Mice Disturbs Regulation of the Renin-Angiotensin-Aldosterone System and Attenuates Heart Failure Induced by Pressure Overload. <i>PLoS ONE</i> , 2015, 10, e0143954.	2.5	12
97	Antigen therapy of experimental autoimmune encephalomyelitis selectively induces apoptosis of pathogenic T cells. <i>Journal of Neuroimmunology</i> , 2007, 183, 146-150.	2.3	10
98	Distinct roles of T cell lymphopenia and the microbial flora for gastrointestinal and CNS autoimmunity. <i>FASEB Journal</i> , 2016, 30, 1724-1732.	0.5	10
99	Preventive Treatment with Methylprednisolone Paradoxically Exacerbates Experimental Autoimmune Encephalomyelitis. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-8.	1.5	9
100	Glucocorticoid-Induced Apoptosis in Animal Models of Multiple Sclerosis. <i>Critical Reviews in Immunology</i> , 2013, 33, 183-202.	0.5	9
101	A Coculture Model Mimicking the Tumor Microenvironment Unveils Mutual Interactions between Immune Cell Subtypes and the Human Seminoma Cell Line TCam-2. <i>Cells</i> , 2022, 11, 885.	4.1	9
102	Highly selective organ distribution and cellular uptake of inorganic-organic hybrid nanoparticles customized for the targeted delivery of glucocorticoids. <i>Journal of Controlled Release</i> , 2020, 319, 360-370.	9.9	8
103	Unexpected features of acute T lymphoblastic lymphomas in Notch1IC transgenic rats. <i>European Journal of Immunology</i> , 2006, 36, 2223-2234.	2.9	7
104	Glucocorticoid resistance of allogeneic T cells alters the gene expression profile in the inflamed small intestine of mice suffering from acute graft-versus-host disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 195, 105485.	2.5	7
105	Stable silencing of the glucocorticoid receptor in myelin-specific T effector cells by retroviral delivery of shRNA: Insight into neuroinflammatory disease. <i>European Journal of Immunology</i> , 2009, 39, 2361-2370.	2.9	6
106	Modulation of CNS autoimmune responses by CD8+ T cells coincides with their oligoclonal expansion. <i>Journal of Neuroimmunology</i> , 2016, 290, 26-32.	2.3	5
107	Glucocorticoids delivered by inorganic-organic hybrid nanoparticles mitigate acute graft-versus-host disease and sustain graft-versus-leukemia activity. <i>European Journal of Immunology</i> , 2020, 50, 1220-1233.	2.9	4
108	A flow cytometric approach to study glucocorticoid receptor expression in immune cell subpopulations of genetically engineered mice. <i>Immunology Letters</i> , 2021, 233, 68-79.	2.5	4

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109	Protection of Antigen-Primed Effector T Cells From Glucocorticoid-Induced Apoptosis in Cell Culture and in a Mouse Model of Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 671258.	4.8	4
110	An alternative for extracorporeal photopheresis: 8-methoxypsoralen and UVA-treated leucocytes from allogeneic donors improve graft-versus-host disease in mice. <i>Vox Sanguinis</i> , 2018, 113, 803-810.	1.5	3
111	T cell abundance in blood predicts acute organ toxicity in chemoradiotherapy for head and neck cancer. <i>Oncotarget</i> , 2016, 7, 65902-65915.	1.8	3
112	Characterization of testicular macrophage subpopulations in mice. <i>Immunology Letters</i> , 2022, 243, 44-52.	2.5	3
113	Generation of Transgenic Rats Using Lentiviral Vectors. <i>Methods in Molecular Biology</i> , 2014, 1304, 25-37.	0.9	2
114	Response to Comment on "Type 1 Diabetes in BioBreeding Rats Is Critically Linked to an Imbalance between Th17 and Regulatory T Cells and an Altered TCR Repertoire". <i>Journal of Immunology</i> , 2011, 186, 1298-1299.	0.8	1
115	Enhanced Glucocorticoid Signaling Impacts Thymocyte Apoptosis and Adaptive Immune Responses. <i>Clinical Immunology</i> , 2007, 123, S143-S144.	3.2	0
116	Critical role of thymocyte-derived brain-derived neurotrophic factor in T cell maturation. <i>Journal of Neuroimmunology</i> , 2014, 275, 202-203.	2.3	0
117	Novel mechanisms of glucocorticoids in the treatment of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 275, 60.	2.3	0