

# Holger Hackstein

## List of Publications by Year in descending order

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75  
papers

3,444  
citations

201385

27  
h-index

143772

57  
g-index

77  
all docs

77  
docs citations

77  
times ranked

4764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic cells: emerging pharmacological targets of immunosuppressive drugs. <i>Nature Reviews Immunology</i> , 2004, 4, 24-35.	10.6	494
2	TLR7 Ligands Induce Higher IFN- $\gamma$ Production in Females. <i>Journal of Immunology</i> , 2006, 177, 2088-2096.	0.4	394
3	Rapamycin inhibits IL-4-induced dendritic cell maturation in vitro and dendritic cell mobilization and function in vivo. <i>Blood</i> , 2003, 101, 4457-4463.	0.6	346
4	Rapamycin-Treated, Alloantigen-Pulsed Host Dendritic Cells Induce Ag-Specific T Cell Regulation and Prolong Graft Survival. <i>American Journal of Transplantation</i> , 2005, 5, 228-236.	2.6	225
5	Aspirin Inhibits In Vitro Maturation and In Vivo Immunostimulatory Function of Murine Myeloid Dendritic Cells. <i>Journal of Immunology</i> , 2001, 166, 7053-7062.	0.4	177
6	Rapamycin inhibits macropinocytosis and mannose receptor-mediated endocytosis by bone marrow-derived dendritic cells. <i>Blood</i> , 2002, 100, 1084-1087.	0.6	162
7	Designer dendritic cells for tolerance induction: guided not misguided missiles. <i>Trends in Immunology</i> , 2001, 22, 437-442.	2.9	118
8	Androgen receptor modulates <i>Foxp3</i> expression in CD4 <sup>+</sup> CD25 <sup>+</sup> Foxp3 <sup>+</sup> regulatory T-cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 2845-2857.	0.9	118
9	Potential of tolerogenic dendritic cells for transplantation. <i>Seminars in Immunology</i> , 2001, 13, 323-335.	2.7	76
10	Good manufacturing practice-compliant animal-free expansion of human bone marrow derived mesenchymal stroma cells in a closed hollow-fiber-based bioreactor. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 325-330.	1.0	70
11	Human platelets target dendritic cell differentiation and production of proinflammatory cytokines. <i>Transfusion</i> , 2006, 46, 818-827.	0.8	69
12	A novel polymorphism in the 5' promoter region of the human interleukin-4 receptor $\alpha$ -chain gene is associated with decreased soluble interleukin-4 receptor protein levels. <i>Immunogenetics</i> , 2001, 53, 264-269.	1.2	67
13	Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. <i>PLoS ONE</i> , 2017, 12, e0188251.	1.1	64
14	The TLR7/8 ligand resiquimod targets monocyte-derived dendritic cell differentiation via TLR8 and augments functional dendritic cell generation. <i>Cellular Immunology</i> , 2011, 271, 401-412.	1.4	48
15	Natural and Synthetic TLR7 Ligands Inhibit CpG-A- and CpG-C-Oligodeoxynucleotide-Induced IFN- $\gamma$ Production. <i>Journal of Immunology</i> , 2007, 178, 4072-4079.	0.4	43
16	Influence of Testosterone on Inflammatory Response in Testicular Cells and Expression of Transcription Factor <i>Foxp3</i> in T Cells. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 12-25.	1.2	42
17	Prospectively defined murine mesenchymal stem cells inhibit <i>Klebsiella pneumoniae</i> -induced acute lung injury and improve pneumonia survival. <i>Respiratory Research</i> , 2015, 16, 123.	1.4	41
18	Definition of human interleukin-4 receptor alpha chain haplotypes and allelic association with atopy markers. <i>Human Immunology</i> , 1999, 60, 1119-1127.	1.2	40

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19	Dendritic Cell Deficiency in the Blood of Kidney Transplant Patients on Long-Term Immunosuppression: Results of a Prospective Matched-Cohort Study. <i>American Journal of Transplantation</i> , 2005, 5, 2945-2953.	2.6	37
20	Cutting Edge: Sanglifehrin A, a Novel Cyclophilin-Binding Immunosuppressant Blocks Bioactive IL-12 Production by Human Dendritic Cells. <i>Journal of Immunology</i> , 2003, 171, 542-546.	0.4	36
21	Human monocytes represent a competitive source of interferon- $\gamma$ in peripheral blood. <i>Clinical Immunology</i> , 2008, 127, 252-264.	1.4	36
22	Characterization of dendritic cells in testicular draining lymph nodes in a rat model of experimental autoimmune orchitis. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, 276-289.	3.6	34
23	Heterogeneity of respiratory dendritic cell subsets and lymphocyte populations in inbred mouse strains. <i>Respiratory Research</i> , 2012, 13, 94.	1.4	33
24	GMP-Compliant Expansion of Clinical-Grade Human Mesenchymal Stromal/Stem Cells Using a Closed Hollow Fiber Bioreactor. <i>Methods in Molecular Biology</i> , 2016, 1416, 389-412.	0.4	33
25	The IL-4 receptor $\alpha$ -chain variant Q576R is strongly associated with decreased kidney allograft survival. <i>Tissue Antigens</i> , 1999, 54, 471-477.	1.0	31
26	Mini buffy coat photopheresis for children and critically ill patients with extracorporeal photopheresis contraindications. <i>Transfusion</i> , 2009, 49, 2366-2373.	0.8	31
27	Microchimerism, Donor Dendritic Cells, and Alloimmune Reactivity in Recipients of Flt3 Ligand-Mobilized Hemopoietic Cells: Modulation by Tacrolimus. <i>Journal of Immunology</i> , 2000, 165, 226-237.	0.4	28
28	Immunosuppressive capabilities of mesenchymal stromal cells are maintained under hypoxic growth conditions and after gamma irradiation. <i>Cytotherapy</i> , 2015, 17, 152-162.	0.3	28
29	Interleukin-1 $\beta$ affects the phospholipid biosynthesis of fibroblast-like synoviocytes from human osteoarthritic knee joints. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1890-1899.	0.6	27
30	Successful use of miniphotopheresis for the treatment of graft-versus-host disease. <i>Transfusion</i> , 2014, 54, 2022-2027.	0.8	26
31	HLA-DRB3*01:01 is a predictor of immunization against human platelet antigen-1a but not of the severity of fetal and neonatal alloimmune thrombocytopenia. <i>Transfusion</i> , 2017, 57, 533-540.	0.8	26
32	Sanglifehrin A Blocks Key Dendritic Cell Functions In Vivo and Promotes Long-Term Allograft Survival Together with Low-Dose CsA. <i>American Journal of Transplantation</i> , 2007, 7, 789-798.	2.6	25
33	Extracorporeal Photopheresis Promotes IL-1 $\beta$ Production. <i>Journal of Immunology</i> , 2015, 194, 2569-2577.	0.4	25
34	Modulation of respiratory dendritic cells during <i>Klebsiella pneumoniae</i> infection. <i>Respiratory Research</i> , 2013, 14, 91.	1.4	24
35	ADAR1 Is Required for Dendritic Cell Subset Homeostasis and Alveolar Macrophage Function. <i>Journal of Immunology</i> , 2019, 202, 1099-1111.	0.4	24
36	IgA2 Antibodies against SARS-CoV-2 Correlate with NET Formation and Fatal Outcome in Severely Diseased COVID-19 Patients. <i>Cells</i> , 2020, 9, 2676.	1.8	24

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37	Expression pattern of protease activated receptors in lymphoid cells. <i>Cellular Immunology</i> , 2014, 288, 47-52.	1.4	21
38	Resolvin E1 and its precursor 18R-HEPE restore mitochondrial function in inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1016-1028.	1.2	20
39	Skin TLR7 Triggering Promotes Accumulation of Respiratory Dendritic Cells and Natural Killer Cells. <i>PLoS ONE</i> , 2012, 7, e43320.	1.1	19
40	Isolation, enrichment and primary characterisation of vitelline cells from <i>Schistosoma mansoni</i> obtained by the organ isolation method. <i>International Journal for Parasitology</i> , 2015, 45, 663-672.	1.3	18
41	Identification of novel dendritic cell subset markers in human blood. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 453-457.	1.0	16
42	Red blood cell alloimmunization in neonates and children up to 3 years of age. <i>Transfusion</i> , 2017, 57, 2720-2726.	0.8	16
43	Primary MHC-Class II+Cells Are Necessary To Promote Resting V $\alpha$ 2 Cell Expansion in Response to (E)-4-Hydroxy-3-Methyl-But-2-Enyl-Pyrophosphate and Isopentenyl Pyrophosphate. <i>Journal of Immunology</i> , 2012, 189, 5212-5222.	0.4	15
44	Peptidoglycan Recognition Protein 2 Regulates Neutrophil Recruitment Into the Lungs After <i>Streptococcus pneumoniae</i> Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 199.	1.5	13
45	Analysis of nucleophosmin $\alpha$ -anaplastic lymphoma kinase (NPM-ALK)-reactive CD8+ T cell responses in children with NPM-ALK+ anaplastic large cell lymphoma. <i>Clinical and Experimental Immunology</i> , 2016, 186, 96-105.	1.1	12
46	Unique high and homogenous surface expression of the transferrin receptor CD71 on murine plasmacytoid dendritic cells in different tissues. <i>Cellular Immunology</i> , 2017, 316, 41-52.	1.4	12
47	Scavenging of bacteria or bacterial products by magnetic particles functionalized with a broad-spectrum pathogen recognition receptor motif offers diagnostic and therapeutic applications. <i>Acta Biomaterialia</i> , 2022, 141, 418-428.	4.1	11
48	The Cyclophilin-Binding Agent Sanglifohrin A Is a Dendritic Cell Chemokine and Migration Inhibitor. <i>PLoS ONE</i> , 2011, 6, e18406.	1.1	9
49	Alloantibody against new platelet alloantigen (Lap <sup>a</sup> ) on glycoprotein IIb is responsible for a case of fetal and neonatal alloimmune thrombocytopenia. <i>Transfusion</i> , 2015, 55, 2920-2929.	0.8	9
50	Growth factors regulate phospholipid biosynthesis in human fibroblast-like synoviocytes obtained from osteoarthritic knees. <i>Scientific Reports</i> , 2017, 7, 13469.	1.6	9
51	Plasmacytoid dendritic cell depletion modifies FoxP3+ T cell homeostasis and the clinical course of bacterial pneumonia in mice. <i>Journal of Leukocyte Biology</i> , 2019, 106, 977-985.	1.5	9
52	Contact-dependent abrogation of bone marrow-derived plasmacytoid dendritic cell differentiation by murine mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 15-20.	1.0	8
53	Recent Advances in Good Manufacturing Practice-Grade Generation of Dendritic Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 454-463.	0.7	8
54	Successful treatment of COVID-19 infection with convalescent plasma in B $\alpha$ cell-depleted patients may promote cellular immunity. <i>European Journal of Immunology</i> , 2021, 51, 2478-2484.	1.6	8

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55	Normal Donor Bone Marrow is Superior to Flt3 Ligand-Mobilized Bone Marrow in Prolonging Heart Allograft Survival when Combined with Anti-CD40L (CD154). <i>American Journal of Transplantation</i> , 2002, 2, 609-617.	2.6	7
56	A window into immunosuppressant immunoregulation: recipient conversion to rapamycin increases potentially tolerogenic immune cells. <i>Kidney International</i> , 2014, 85, 743-745.	2.6	7
57	Mini photopheresis for refractory chronic graft-versus-host disease in children and adolescents. <i>Transfusion</i> , 2018, 58, 2495-2500.	0.8	7
58	Peptidoglycan Recognition Protein 3 Does Not Alter the Outcome of Pneumococcal Pneumonia in Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 103.	1.5	7
59	CD71 surface analysis of T cells: a simple alternative for extracorporeal photopheresis quality control. <i>Vox Sanguinis</i> , 2020, 115, 81-93.	0.7	6
60	Differential LysoTracker Uptake Defines Two Populations of Distal Epithelial Cells in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2022, 11, 235.	1.8	6
61	Manipulation of dendritic cells in organ transplantation: a major step towards graft tolerance?. <i>Current Opinion in Organ Transplantation</i> , 2004, 9, 294-300.	0.8	5
62	Rapamycin and Dendritic Cells: Keep on Movin'. <i>Transplantation</i> , 2006, 82, 739-740.	0.5	5
63	Incidental diagnosis of leukocyte adhesion deficiency type II following ABO typing. <i>Clinical Immunology</i> , 2020, 221, 108599.	1.4	5
64	CD11c + dendritic cells mediate antigen-specific suppression in extracorporeal photopheresis. <i>Clinical and Experimental Immunology</i> , 2021, 203, 329-339.	1.1	5
65	Distinct endocytosis and immune activation of poly(lactic-co-glycolic) acid nanoparticles prepared by single- and double-emulsion evaporation. <i>Nanomedicine</i> , 2021, 16, 2075-2094.	1.7	4
66	Aspirin Promotes Kidney Allograft Survival and Function. <i>Transplantation</i> , 2005, 79, 253-254.	0.5	3
67	Prospective quality control study of a novel gravity-driven whole blood separation system suitable for humanitarian crises. <i>Vox Sanguinis</i> , 2017, 112, 806-809.	0.7	3
68	Physiologically relevant aspirin concentrations trigger immunostimulatory cytokine production by human leukocytes. <i>PLoS ONE</i> , 2021, 16, e0254606.	1.1	3
69	Validation of a SARS-CoV-2 RNA RT-PCR assay for high-throughput testing in blood of COVID-19 convalescent plasma donors and patients. <i>Transfusion</i> , 2021, 61, 368-374.	0.8	2
70	Detection of SARS-CoV-2-independent immunoregulatory activity of COVID-19 convalescent plasma. <i>Transfusion</i> , 2021, 61, 3087-3093.	0.8	2
71	Modulation of Dendritic Cells for Tolerance Induction*. <i>Transfusion Medicine and Hemotherapy</i> , 2006, 33, 150-155.	0.7	1
72	Thrombocyte apheresis cassettes as a novel source of viable peripheral blood mononuclear cells. <i>Transfusion</i> , 2020, 60, 1500-1507.	0.8	1

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73	A simplified extracorporeal photopheresis procedure based on single high-dose ultraviolet A light irradiation shows similar in vitro efficacy. <i>Transfusion</i> , 2021, 61, 883-893.	0.8	1
74	Current and Future Use of Dendritic Cells for Tolerance Induction. , 2008, , 363-372.		0
75	Rapid generation of monocyte-derived antigen-presenting cells with dendritic cell-like properties. <i>Transfusion</i> , 2021, 61, 1845-1855.	0.8	0