

Helmut Jonuleit

List of Publications by Year in descending order

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105
papers

13,584
citations

70961

41
h-index

38300

95
g-index

114
all docs

114
docs citations

114
times ranked

12795
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Interleukin 10-Producing, Nonproliferating Cd4+ T Cells with Regulatory Properties by Repetitive Stimulation with Allogeneic Immature Human Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 1213-1222.	4.2	1,425
2	Vaccination with Mage-3a1 Peptide-Pulsed Mature, Monocyte-Derived Dendritic Cells Expands Specific Cytotoxic T Cells and Induces Regression of Some Metastases in Advanced Stage IV Melanoma. <i>Journal of Experimental Medicine</i> , 1999, 190, 1669-1678.	4.2	1,140
3	Identification and Functional Characterization of Human Cd4+Cd25+ T Cells with Regulatory Properties Isolated from Peripheral Blood. <i>Journal of Experimental Medicine</i> , 2001, 193, 1285-1294.	4.2	1,114
4	Pro-inflammatory cytokines and prostaglandins induce maturation of potent immunostimulatory dendritic cells under fetal calf serum-free conditions. <i>European Journal of Immunology</i> , 1997, 27, 3135-3142.	1.6	1,087
5	Blockade of Programmed Death-1 Ligands on Dendritic Cells Enhances T Cell Activation and Cytokine Production. <i>Journal of Immunology</i> , 2003, 170, 1257-1266.	0.4	842
6	Infectious Tolerance. <i>Journal of Experimental Medicine</i> , 2002, 196, 255-260.	4.2	582
7	Cyclic adenosine monophosphate is a key component of regulatory T cell-mediated suppression. <i>Journal of Experimental Medicine</i> , 2007, 204, 1303-1310.	4.2	524
8	Interleukin-10-Treated Human Dendritic Cells Induce a Melanoma-Antigen-Specific Anergy in CD8+ T Cells Resulting in a Failure to Lyse Tumor Cells. <i>Blood</i> , 1999, 93, 1634-1642.	0.6	456
9	Dendritic cells as a tool to induce anergic and regulatory T cells. <i>Trends in Immunology</i> , 2001, 22, 394-400.	2.9	432
10	Lysozyme-Mediated Positive Monocytes Mediate Angiotensin II-Induced Arterial Hypertension and Vascular Dysfunction. <i>Circulation</i> , 2011, 124, 1370-1381.	1.6	422
11	Dacarbazine (DTIC) versus vaccination with autologous peptide-pulsed dendritic cells (DC) in first-line treatment of patients with metastatic melanoma: a randomized phase III trial of the DC study group of the DeCOG. <i>Annals of Oncology</i> , 2006, 17, 563-570.	0.6	400
12	The Regulatory T Cell Family: Distinct Subsets and their Interrelations. <i>Journal of Immunology</i> , 2003, 171, 6323-6327.	0.4	383
13	A comparison of two types of dendritic cell as adjuvants for the induction of melanoma-specific T-cell responses in humans following intranodal injection. <i>International Journal of Cancer</i> , 2001, 93, 243-251.	2.3	353
14	Immature, but not inactive: the tolerogenic function of immature dendritic cells. <i>Immunology and Cell Biology</i> , 2002, 80, 477-483.	1.0	324
15	Dendritic cells as mediators of tumor-induced tolerance in metastatic melanoma. <i>Journal of Experimental Medicine</i> , 1997, 186, 309-316.		322
16	Production of functional IL-18 by different subtypes of murine and human dendritic cells (DC): DC-derived IL-18 enhances IL-12-dependent Th1 development. <i>European Journal of Immunology</i> , 1998, 28, 3231-3239.	1.6	274
17	Mage-3 and Influenza-Matrix Peptide-Specific Cytotoxic T Cells Are Inducible in Terminal Stage HLA-A2.1+ Melanoma Patients by Mature Monocyte-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2000, 165, 3492-3496.	0.4	200
18	Human CD4+CD25+ regulatory T cells: proteome analysis identifies galectin-10 as a novel marker essential for their anergy and suppressive function. <i>Blood</i> , 2007, 110, 1550-1558.	0.6	181

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19	Costimulatory Molecules on Immunogenic Versus Tolerogenic Human Dendritic Cells. <i>Frontiers in Immunology</i> , 2013, 4, 82.	2.2	180
20	Human CD25 ⁺ regulatory T cells: two subsets defined by the integrins $\alpha 4\beta 7$ or $\alpha 4\beta 1$ confer distinct suppressive properties upon CD4 ⁺ T helper cells. <i>European Journal of Immunology</i> , 2004, 34, 1303-1311.	1.6	165
21	Different Efficiency of Heat Shock Proteins (HSP) to Activate Human Monocytes and Dendritic Cells: Superiority of HSP60. <i>Journal of Immunology</i> , 2002, 169, 6141-6148.	0.4	157
22	Dependence on nuclear factor of activated T-cells (NFAT) levels discriminates conventional T cells from Foxp3 ⁺ regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16258-16263.	3.3	123
23	Interaction of TLR2 and TLR4 Ligands with the N-terminal Domain of Gp96 Amplifies Innate and Adaptive Immune Responses. <i>Journal of Biological Chemistry</i> , 2006, 281, 22545-22553.	1.6	119
24	ICOS and CD28 reversely regulate IL-10 on re-activation of human effector T _H 1 cells with mature dendritic cells. <i>European Journal of Immunology</i> , 2002, 32, 2680-2686.	1.6	114
25	Protein kinase CK2 enables regulatory T cells to suppress excessive TH2 responses in vivo. <i>Nature Immunology</i> , 2015, 16, 267-275.	7.0	102
26	Modulation of dendritic cell properties by laquinimod as a mechanism for modulating multiple sclerosis. <i>Brain</i> , 2013, 136, 1048-1066.	3.7	100
27	Differential Regulatory Capacity of CD25 ⁺ T Regulatory Cells and Preactivated CD25 ⁺ T Regulatory Cells on Development, Functional Activation, and Proliferation of Th2 Cells. <i>Journal of Immunology</i> , 2004, 173, 267-274.	0.4	98
28	Cytokines and their effects on maturation, differentiation and migration of dendritic cells. <i>Archives of Dermatological Research</i> , 1996, 289, 1-8.	1.1	90
29	The Role of ICOS in Directing T Cell Responses: ICOS-Dependent Induction of T Cell Anergy by Tolerogenic Dendritic Cells. <i>Journal of Immunology</i> , 2009, 182, 3349-3356.	0.4	81
30	miR-155 Inhibition Sensitizes CD4 ⁺ Th Cells for TREG Mediated Suppression. <i>PLoS ONE</i> , 2009, 4, e7158.	1.1	79
31	Myeloid dendritic cell: From sentinel of immunity to key player of peripheral tolerance?. <i>Human Immunology</i> , 2009, 70, 289-293.	1.2	74
32	Expression of the Actin-Bundling Protein Fascin in Cultured Human Dendritic Cells Correlates with Dendritic Morphology and Cell Differentiation. <i>Journal of Investigative Dermatology</i> , 2000, 115, 658-663.	0.3	73
33	Protection from graft-versus-host disease by HIV-1 envelope protein gp120-mediated activation of human CD4 ⁺ CD25 ⁺ regulatory T cells. <i>Blood</i> , 2009, 114, 1263-1269.	0.6	67
34	Influence of extracellular matrix proteins on the development of cultured human dendritic cells. <i>European Journal of Immunology</i> , 1998, 28, 1673-1680.	1.6	65
35	Induction of dendritic cell maturation and modulation of dendritic cell-induced immune responses by prostaglandins. <i>Archives of Dermatological Research</i> , 2000, 292, 437-445.	1.1	64
36	Human CD4 ⁺ CD25 ⁺ regulatory T cells and infectious tolerance.. <i>Transplantation</i> , 2004, 77, S23-S25.	0.5	62

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37	Efficient transduction of mature CD83+ dendritic cells using recombinant adenovirus suppressed T cell stimulatory capacity. <i>Gene Therapy</i> , 2000, 7, 249-254.	2.3	61
38	Soluble GARP has potent antiinflammatory and immunomodulatory impact on human CD4+ T cells. <i>Blood</i> , 2013, 122, 1182-1191.	0.6	58
39	Induction of strong and persistent MelanA/MART-1-specific immune responses by adjuvant dendritic cell-based vaccination of stage II melanoma patients. <i>International Journal of Cancer</i> , 2006, 118, 2617-2627.	2.3	57
40	Dendritic Cells: Sentinels of Immunity and Tolerance. <i>International Journal of Hematology</i> , 2005, 81, 197-203.	0.7	49
41	Immune regulation by regulatory T cells: implications for transplantation. <i>Transplant Immunology</i> , 2003, 11, 267-276.	0.6	48
42	Dendritic Mesoporous Silica Nanoparticles for pH-Responsive Drug Delivery of TNF α . <i>Advanced Healthcare Materials</i> , 2017, 6, 1700012.	3.9	46
43	Increased regulatory T cell frequencies in patients with advanced melanoma correlate with a generally impaired T cell responsiveness and are restored after dendritic cell-based vaccination. <i>Experimental Dermatology</i> , 2010, 19, e213-21.	1.4	41
44	Priming of T cells with aAd-transduced DC followed by expansion with peptide-pulsed DC significantly enhances the induction of tumor-specific CD8+ T cells: implications for an efficient vaccination strategy. <i>Gene Therapy</i> , 2003, 10, 243-250.	2.3	40
45	Kinetics of IL-6 Production Defines T Effector Cell Responsiveness to Regulatory T Cells in Multiple Sclerosis. <i>PLoS ONE</i> , 2013, 8, e77634.	1.1	40
46	FTY720 (fingolimod) treatment tips the balance towards less immunogenic antigen-presenting cells in patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1811-1822.	1.4	37
47	CD40 signalling induces IL-10-producing, tolerogenic dendritic cells. <i>Experimental Dermatology</i> , 2010, 19, 44-53.	1.4	36
48	Allergen-induced IgE-dependent gut inflammation in a human PBMC-engrafted murine model of allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1126-1135.	1.5	35
49	A specific CD4 epitope bound by tregalizumab mediates activation of regulatory T cells by a unique signaling pathway. <i>Immunology and Cell Biology</i> , 2015, 93, 396-405.	1.0	34
50	Dendritic Cell-Based Immunotherapy of Malignant Melanoma: Success and Limitations. <i>JDDG - Journal of the German Society of Dermatology</i> , 2007, 5, 190-196.	0.4	32
51	CD4-mediated functional activation of human CD4+CD25+ regulatory T cells. <i>European Journal of Immunology</i> , 2007, 37, 1217-1223.	1.6	29
52	Fulfilling the dream: tolerogenic dendritic cells to treat multiple sclerosis. <i>European Journal of Immunology</i> , 2012, 42, 569-572.	1.6	29
53	Dimethyl Fumarate Therapy Significantly Improves the Responsiveness of T Cells in Multiple Sclerosis Patients for Immunoregulation by Regulatory T Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 271.	1.8	29
54	Interleukin-10-Treated Human Dendritic Cells Induce a Melanoma-Antigen-Specific Anergy in CD8+ T Cells Resulting in a Failure to Lyse Tumor Cells. <i>Blood</i> , 1999, 93, 1634-1642.	0.6	29

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55	Induction of tumor peptide-specific cytotoxic T cells under serum-free conditions by mature human dendritic cells. <i>Archives of Dermatological Research</i> , 2000, 292, 325-332.	1.1	28
56	CD4-mediated regulatory T-cell activation inhibits the development of disease in a humanized mouse model of allergic airway disease. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 521-528.e7.	1.5	28
57	Cladribine exerts an immunomodulatory effect on human and murine dendritic cells. <i>International Immunopharmacology</i> , 2014, 18, 347-357.	1.7	28
58	A key role of GARP in the immune suppressive tumor microenvironment. <i>Oncotarget</i> , 2016, 7, 42996-43009.	0.8	26
59	Interferon-Beta Therapy of Multiple Sclerosis Patients Improves the Responsiveness of T Cells for Immune Suppression by Regulatory T Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16330-16346.	1.8	25
60	Fetal Calf Serum-Free Generation of Functionally Active Murine Dendritic Cells Suitable for In Vivo Therapeutic Approaches. <i>Journal of Investigative Dermatology</i> , 2000, 114, 142-148.	0.3	24
61	Immunization with a Synthetic Human MUC1 Glycopeptide Vaccine against Tumor-Associated MUC1 Breaks Tolerance in Human MUC1 Transgenic Mice. <i>ChemMedChem</i> , 2017, 12, 1424-1428.	1.6	24
62	Regulatory T cells: present facts and future hopes. <i>Medical Microbiology and Immunology</i> , 2006, 195, 113-124.	2.6	23
63	Regulatory T cells—the renaissance of the suppressor T cells. <i>Annals of Medicine</i> , 2007, 39, 322-334.	1.5	22
64	IgG1 anti-epidermal growth factor receptor antibodies induce CD8-dependent antitumor activity. <i>International Journal of Cancer</i> , 2015, 136, 821-830.	2.3	22
65	Treg cells as potential cellular targets for functionalized nanoparticles in cancer therapy. <i>Nanomedicine</i> , 2016, 11, 2699-2709.	1.7	19
66	Using immuno-PET imaging to monitor kinetics of T cell-mediated inflammation and treatment efficiency in a humanized mouse model for GvHD. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1314-1325.	3.3	19
67	Early Adenoviral Gene Expression Mediates Immunosuppression by Transduced Dendritic Cell (DC): Implications for Immunotherapy Using Genetically Modified DC. <i>Journal of Immunology</i> , 2004, 172, 1524-1530.	0.4	17
68	Subclinical CNS Inflammation as Response to a Myelin Antigen in Humanized Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 1037-1047.	2.1	17
69	GARP inhibits allergic airway inflammation in a humanized mouse model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1274-1283.	2.7	17
70	Allergen-specific immune deviation from a TH2 to a TH1 response induced by dendritic cells and collagen type I. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 104, 1052-1059.	1.5	16
71	Oxymetazoline modulates proinflammatory cytokines and the T-cell stimulatory capacity of dendritic cells. <i>Experimental Dermatology</i> , 2007, 16, 171-178.	1.4	15
72	Boosting regulatory T cell function by CD4 stimulation enters the clinic. <i>Frontiers in Immunology</i> , 2012, 3, 164.	2.2	15

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73	RAF kinases are stabilized and required for dendritic cell differentiation and function. <i>Cell Death and Differentiation</i> , 2020, 27, 1300-1315.	5.0	15
74	Synthesis of Maleimide-Functionalized HPMA-Copolymers and in vitro Characterization of the aRAGE- and Human Immunoglobulin (hulgC)-Polymer Conjugates. <i>Macromolecular Bioscience</i> , 2013, 13, 203-214.	2.1	14
75	Novel anti-GARP antibody DS-1055a augments anti-tumor immunity by depleting highly suppressive GARP+ regulatory T cells. <i>International Immunology</i> , 2021, 33, 435-446.	1.8	14
76	ERK5 modulates IL-6 secretion and contributes to tumor-induced immune suppression. <i>Cell Death and Disease</i> , 2021, 12, 969.	2.7	13
77	Immune regulation by dendritic cells and T cells--basic science, diagnostic, and clinical application. <i>Clinical Laboratory</i> , 2011, 57, 1-12.	0.2	13
78	Regulatory T-Cells in Antitumor Therapy: Isolation and Functional Testing of CD4 ⁺ CD25 ⁺ Regulatory T-Cells. , 2005, 109, 285-296.		12
79	Human primary dendritic cell subsets differ in their IL-12 release in response to <i>Leishmania major</i> infection. <i>Experimental Dermatology</i> , 2010, 19, 924-926.	1.4	12
80	Interferon- γ Abrogates Tolerance Induction by Human Tolerogenic Dendritic Cells. <i>PLoS ONE</i> , 2011, 6, e22763.	1.1	11
81	Functional and morphological characterization of 4F7+ spleen accessory dendritic cells. <i>International Immunology</i> , 1993, 5, 615-624.	1.8	10
82	TCR signalling network organization at the immunological synapses of murine regulatory T cells. <i>European Journal of Immunology</i> , 2017, 47, 2043-2058.	1.6	9
83	ERK3/MAPK6 is required for KRAS-mediated NSCLC tumorigenesis. <i>Cancer Gene Therapy</i> , 2021, 28, 359-374.	2.2	9
84	Bioconjugation of Small Molecules to RNA Impedes Its Recognition by Toll-Like Receptor 7. <i>Frontiers in Immunology</i> , 2017, 8, 312.	2.2	8
85	Plasmacytoid Dendritic Cells Are Inefficient in Activation of Human Regulatory T Cells. <i>PLoS ONE</i> , 2012, 7, e44056.	1.1	7
86	In-Depth Immune-Oncology Studies of the Tumor Microenvironment in a Humanized Melanoma Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1011.	1.8	6
87	Kinome Profiling of Regulatory T Cells: A Closer Look into a Complex Intracellular Network. <i>PLoS ONE</i> , 2016, 11, e0149193.	1.1	6
88	Pillars Article: Induction of Tolerance by IL-10-Treated Dendritic Cells. <i>J. Immunol.</i> 1997. 159: 4772-4780. <i>Journal of Immunology</i> , 2016, 197, 1547-55.	0.4	6
89	Generation of monoclonal antibodies against human regulatory T cells. <i>Journal of Immunological Methods</i> , 2010, 353, 62-70.	0.6	5
90	Novel Concept of CD4-Mediated Activation of Regulatory T Cells for the Treatment of Graft-Versus-Host Disease. <i>Frontiers in Immunology</i> , 2017, 8, 1495.	2.2	4

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91	Humanized mice in cutaneous leishmaniasis suitability analysis of human PBMC transfer into immunodeficient mice. <i>Experimental Dermatology</i> , 2019, 28, 1087-1090.	1.4	4
92	Specific stabilization of the 4F7 molecule on dendritic cells by contact allergens. <i>Archives of Dermatological Research</i> , 1996, 288, 745-752.	1.1	3
93	Production of functional IL-18 by different subtypes of murine and human dendritic cells (DC): DC-derived IL-18 enhances IL-12-dependent Th1 development. , 1998, 28, 3231.		3
94	Drug Delivery: Dendritic Mesoporous Silica Nanoparticles for pH-Responsive Drug Delivery of TNF- α (Adv. Healthcare Mater. 13/2017). <i>Advanced Healthcare Materials</i> , 2017, 6, .	3.9	2
95	Large scale preparation of human MHC class II+ integrin β 21+ Tregs. <i>Journal of Immunological Methods</i> , 2010, 360, 96-102.	0.6	1
96	Research in practice: Regulatory T cells targets for therapeutic approaches?. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 8-11.	0.4	1
97	Production of functional IL-18 by different subtypes of murine and human dendritic cells (DC): DC-derived IL-18 enhances IL-12-dependent Th1 development. , 1998, 28, 3231.		1
98	How do dendritic cells prevent autoimmunity: what is a mature dendritic cell in the mouse?. <i>Trends in Immunology</i> , 2001, 22, 547.	2.9	0
99	Immuntherapie des Malignen Melanoms mit Dendritischen Zellen: Erfolge und Grenzen. <i>JDDG - Journal of the German Society of Dermatology</i> , 2007, 5, --.	0.4	0
100	Forschen für die Praxis: Regulatorische T-Zellen - Therapeutische Zielzellen?. <i>JDDG - Journal of the German Society of Dermatology</i> , 2011, 9, 8-11.	0.4	0
101	Editorial: Current Concepts of Cellular and Biological Drugs to Modulate Regulatory T Cell Activity in the Clinic. <i>Frontiers in Immunology</i> , 2016, 7, 141.	2.2	0
102	Abstract 1847: Anti-GARP antibody DS-1055a augments antitumor immunity by depleting highly suppressive GARP+regulatory T cells. , 2021, , .		0
103	Differential analysis of T cell membrane proteins. , 0, 2004, .		0
104	GARP reduces inflammation in a humanized mouse model of allergic airway disease. , 2015, , .		0
105	Specific stabilization of the 4F7 molecule on dendritic cells by contact allergens. <i>Archives of Dermatological Research</i> , 1996, 288, 745-752.	1.1	0