

Joost J Oppenheim

List of Publications by Year in descending order

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70
papers

11,074
citations

50276

46
h-index

95266

68
g-index

71
all docs

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docs citations

71
times ranked

12166
citing authors

#	ARTICLE	IF	CITATIONS
1	LL-37, the Neutrophil Granule-And Epithelial Cell-Derived Cathelicidin, Utilizes Formyl Peptide Receptor-Like 1 (Fpr1) as a Receptor to Chemoattract Human Peripheral Blood Neutrophils, Monocytes, and T Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 1069-1074.	8.5	1,094
2	Toll-Like Receptor 4-Dependent Activation of Dendritic Cells by Î²-Defensin 2. <i>Science</i> , 2002, 298, 1025-1029.	12.6	870
3	Alarmins: chemotactic activators of immune responses. <i>Current Opinion in Immunology</i> , 2005, 17, 359-365.	5.5	718
4	Multiple Roles of Antimicrobial Defensins, Cathelicidins, and Eosinophil-Derived Neurotoxin in Host Defense. <i>Annual Review of Immunology</i> , 2004, 22, 181-215.	21.8	528
5	Identification of Defensin-1, Defensin-2, and CAP37/Azurocidin as T-cell Chemoattractant Proteins Released from Interleukin-8-stimulated Neutrophils. <i>Journal of Biological Chemistry</i> , 1996, 271, 2935-2940.	3.4	490
6	Interaction of TNF with TNF Receptor Type 2 Promotes Expansion and Function of Mouse CD4+CD25+ T Regulatory Cells. <i>Journal of Immunology</i> , 2007, 179, 154-161.	0.8	464
7	Alarmins: awaiting a clinical response. <i>Journal of Clinical Investigation</i> , 2012, 122, 2711-2719.	8.2	408
8	High mobility group box-1 protein induces the migration and activation of human dendritic cells and acts as an alarmin. <i>Journal of Leukocyte Biology</i> , 2007, 81, 59-66.	3.3	336
9	Eosinophil-derived neurotoxin acts as an alarmin to activate the TLR2-MyD88 signal pathway in dendritic cells and enhances Th2 immune responses. <i>Journal of Experimental Medicine</i> , 2008, 205, 79-90.	8.5	315
10	Mediators of Innate Immunity That Target Immature, But Not Mature, Dendritic Cells Induce Antitumor Immunity When Genetically Fused with Nonimmunogenic Tumor Antigens. <i>Journal of Immunology</i> , 2001, 167, 6644-6653.	0.8	284
11	Cutting Edge: Expression of TNFR2 Defines a Maximally Suppressive Subset of Mouse CD4+CD25+FoxP3+ T Regulatory Cells: Applicability to Tumor-Infiltrating T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 180, 6467-6471.	0.8	280
12	Alarmins and immunity. <i>Immunological Reviews</i> , 2017, 280, 41-56.	6.0	280
13	Human Î²-Defensin 2 and 3 and Their Mouse Orthologs Induce Chemotaxis through Interaction with CCR2. <i>Journal of Immunology</i> , 2010, 184, 6688-6694.	0.8	262
14	TNFR2 Is Critical for the Stabilization of the CD4+Foxp3+ Regulatory T Cell Phenotype in the Inflammatory Environment. <i>Journal of Immunology</i> , 2013, 190, 1076-1084.	0.8	244
15	Alarmins link neutrophils and dendritic cells. <i>Trends in Immunology</i> , 2009, 30, 531-537.	6.8	215
16	A Role for Neuronal Alpha-Synuclein in Gastrointestinal Immunity. <i>Journal of Innate Immunity</i> , 2017, 9, 456-463.	3.8	211
17	Mouse Cathelin-Related Antimicrobial Peptide Chemoattracts Leukocytes Using Formyl Peptide Receptor-Like 1/Mouse Formyl Peptide Receptor-Like 2 as the Receptor and Acts as an Immune Adjuvant. <i>Journal of Immunology</i> , 2005, 174, 6257-6265.	0.8	206
18	Glucocorticoid amplifies IL-2-dependent expansion of functional FoxP3+CD4+CD25+ T regulatory cells in vivo and enhances their capacity to suppress EAE. <i>European Journal of Immunology</i> , 2006, 36, 2139-2149.	2.9	206

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19	Co-expression of TNFR2 and CD25 identifies more of the functional CD4 ⁺ FOXP3 ⁺ regulatory T cells in human peripheral blood. <i>European Journal of Immunology</i> , 2010, 40, 1099-1106.	2.9	185
20	Defensins act as potent adjuvants that promote cellular and humoral immune responses in mice to a lymphoma idiotype and carrier antigens. <i>International Immunology</i> , 2000, 12, 691-700.	4.0	182
21	Lactoferrin Acts as an Alarmin to Promote the Recruitment and Activation of APCs and Antigen-Specific Immune Responses. <i>Journal of Immunology</i> , 2008, 180, 6868-6876.	0.8	174
22	Alarmins Initiate Host Defense. <i>Advances in Experimental Medicine and Biology</i> , 2007, 601, 185-194.	1.6	161
23	Chemotactic Activity of S100A7 (Psoriasin) Is Mediated by the Receptor for Advanced Glycation End Products and Potentiates Inflammation with Highly Homologous but Functionally Distinct S100A15. <i>Journal of Immunology</i> , 2008, 181, 1499-1506.	0.8	156
24	Eosinophil-derived neurotoxin (EDN), an antimicrobial protein with chemotactic activities for dendritic cells. <i>Blood</i> , 2003, 102, 3396-3403.	1.4	145
25	Human Ribonuclease A Superfamily Members, Eosinophil-Derived Neurotoxin and Pancreatic Ribonuclease, Induce Dendritic Cell Maturation and Activation. <i>Journal of Immunology</i> , 2004, 173, 6134-6142.	0.8	142
26	Chemokine-like receptor 1 (CMKLR1) and chemokine (C-C motif) receptor-like 2 (CCRL2); Two multifunctional receptors with unusual properties. <i>Experimental Cell Research</i> , 2011, 317, 674-684.	2.6	138
27	Immunologic and Cytogenetic Studies of Chronic Lymphocytic Leukemic Cells. <i>Blood</i> , 1965, 26, 121-132.	1.4	132
28	Granulysin activates antigen-presenting cells through TLR4 and acts as an immune alarmin. <i>Blood</i> , 2010, 116, 3465-3474.	1.4	131
29	High-mobility group nucleosome-binding protein 1 acts as an alarmin and is critical for lipopolysaccharide-induced immune responses. <i>Journal of Experimental Medicine</i> , 2012, 209, 157-171.	8.5	130
30	Expression of Costimulatory TNFR2 Induces Resistance of CD4 ⁺ FoxP3 ^{hi} Conventional T Cells to Suppression by CD4 ⁺ FoxP3 ⁺ Regulatory T Cells. <i>Journal of Immunology</i> , 2010, 185, 174-182.	0.8	117
31	TNF- α : An Activator of CD4 ⁺ FoxP3 ⁺ TNFR2 ⁺ Regulatory T Cells. <i>Current Directions in Autoimmunity</i> , 2010, 11, 119-134.	8.0	99
32	β -Defensin 2 and 3 Promote the Uptake of Self or CpG DNA, Enhance IFN- γ Production by Human Plasmacytoid Dendritic Cells, and Promote Inflammation. <i>Journal of Immunology</i> , 2013, 191, 865-874.	0.8	98
33	Pertussis toxin as an adjuvant suppresses the number and function of CD4 ⁺ CD25 ⁺ T regulatory cells. <i>European Journal of Immunology</i> , 2006, 36, 671-680.	2.9	96
34	Chemerin reveals its chimeric nature. <i>Journal of Experimental Medicine</i> , 2008, 205, 2187-2190.	8.5	96
35	Suppressive activity of human regulatory T cells is maintained in the presence of TNF. <i>Nature Medicine</i> , 2016, 22, 16-17.	30.7	93
36	Pertussis Toxin by Inducing IL-6 Promotes the Generation of IL-17-Producing CD4 Cells. <i>Journal of Immunology</i> , 2007, 178, 6123-6129.	0.8	88

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37	Contrasting effects of TNF and anti-TNF on the activation of effector T cells and regulatory T cells in autoimmunity. <i>FEBS Letters</i> , 2011, 585, 3611-3618.	2.8	88
38	TNF optimally activates regulatory T cells by inducing TNF receptor superfamily members TNFR2, CD137 and OX40. <i>European Journal of Immunology</i> , 2011, 41, 2010-2020.	2.9	88
39	Th17 cells and Tregs: unlikely allies. <i>Journal of Leukocyte Biology</i> , 2014, 95, 723-731.	3.3	81
40	Specific Binding and Chemotactic Activity of mBD4 and Its Functional Orthologue hBD2 to CCR6-expressing Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 7028-7034.	3.4	74
41	Targeting TNFR2, an immune checkpoint stimulator and oncoprotein, is a promising treatment for cancer. <i>Science Signaling</i> , 2017, 10, .	3.6	62
42	Antimicrobial proteins act as "alarmins" in joint immune defense. <i>Arthritis and Rheumatism</i> , 2004, 50, 3401-3403.	6.7	61
43	Enhancement of the primary antibody response by 2-mercaptoethanol is mediated by its action on glutathione in the serum. <i>European Journal of Immunology</i> , 1980, 10, 391-395.	2.9	57
44	The Alarmin HMG1 Contributes to Antitumor Immunity and Is a Potent Immunoadjuvant. <i>Cancer Research</i> , 2014, 74, 5989-5998.	0.9	56
45	Inhibition of murine hepatoma tumor growth by cryptotanshinone involves TLR7-dependent activation of macrophages and induction of adaptive antitumor immune defenses. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1073-1085.	4.2	54
46	Alpha synuclein, the culprit in Parkinson disease, is required for normal immune function. <i>Cell Reports</i> , 2022, 38, 110090.	6.4	51
47	Blockade of TNFR2 signaling enhances the immunotherapeutic effect of CpG ODN in a mouse model of colon cancer. <i>Science Signaling</i> , 2018, 11, .	3.6	50
48	Enhanced immunostimulatory effects of DNA-encapsulated peptide hydrogels. <i>Biomaterials</i> , 2015, 53, 545-553.	11.4	49
49	Alarmins and Antitumor Immunity. <i>Clinical Therapeutics</i> , 2016, 38, 1042-1053.	2.5	46
50	Effective Chemoimmunotherapy with Anti-TGF β 2 Antibody and Cyclophosphamide in a Mouse Model of Breast Cancer. <i>PLoS ONE</i> , 2014, 9, e85398.	2.5	43
51	The alarmin functions of high-mobility group proteins. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 157-163.	1.9	41
52	IKK β is required for the homeostasis of regulatory T cells and for the expansion of both regulatory and effector CD4 T cells. <i>FASEB Journal</i> , 2015, 29, 443-454.	0.5	41
53	Cryptotanshinone has curative dual anti-proliferative and immunotherapeutic effects on mouse Lewis lung carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1059-1071.	4.2	38
54	TNFR2 expression by CD4 effector T cells is required to induce full-fledged experimental colitis. <i>Scientific Reports</i> , 2016, 6, 32834.	3.3	37

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55	Development of a Curative Therapeutic Vaccine (TheraVac) for the Treatment of Large Established Tumors. <i>Scientific Reports</i> , 2017, 7, 14186.	3.3	32
56	HMGN1 and R848 Synergistically Activate Dendritic Cells Using Multiple Signaling Pathways. <i>Frontiers in Immunology</i> , 2018, 9, 2982.	4.8	29
57	Progranulin promotes tumour necrosis factor α -induced proliferation of suppressive mouse CD4 ⁺ Foxp3 ⁺ regulatory T cells. <i>Immunology</i> , 2014, 142, 193-201.	4.4	28
58	Alarmin α -induced cell migration. <i>European Journal of Immunology</i> , 2013, 43, 1412-1418.	2.9	26
59	High-mobility group nucleosome binding domain 1 (HMGN1) functions as a Th1-polarizing alarmin. <i>Seminars in Immunology</i> , 2018, 38, 49-53.	5.6	23
60	Alarmin human β -defensin HNP1 activates plasmacytoid dendritic cells by triggering NF- κ B and IRF1 signaling pathways. <i>Cytokine</i> , 2016, 83, 53-60.	3.2	22
61	In vitro generated Th17 cells support the expansion and phenotypic stability of CD4 ⁺ Foxp3 ⁺ regulatory T cells in vivo. <i>Cytokine</i> , 2014, 65, 56-64.	3.2	20
62	A TNFR2 antibody by countering immunosuppression cooperates with HMGN1 and R848 immune stimulants to inhibit murine colon cancer. <i>International Immunopharmacology</i> , 2021, 101, 108345.	3.8	19
63	Cytidine acetylation yields a hypoinflammatory synthetic messenger RNA. <i>Cell Chemical Biology</i> , 2022, 29, 312-320.e7.	5.2	14
64	Inhibition of two-pore channels in antigen-presenting cells promotes the expansion of TNFR2-expressing CD4 ⁺ Foxp3 ⁺ regulatory T cells. <i>Science Advances</i> , 2020, 6, .	10.3	13
65	Therapeutic vaccine to cure large mouse hepatocellular carcinomas. <i>Oncotarget</i> , 2017, 8, 52061-52071.	1.8	13
66	Harnessing the alarmin HMGN1 for anticancer therapy. <i>Immunotherapy</i> , 2015, 7, 1129-1131.	2.0	12
67	Combined treatment with HMGN1 and anti-CD4 depleting antibody reverses T cell exhaustion and exerts robust anti-tumor effects in mice. , 2019, 7, 21.		11
68	The Future of the Cytokine Discipline. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a028498.	5.5	10
69	Synergistic antitumor effects of a TGF β 2 inhibitor and cyclophosphamide. <i>Oncolmmunology</i> , 2014, 3, e28247.	4.6	7
70	Evolution of the Serendipitous Discovery of Macrophage α - β Lymphocyte Interactions. <i>Frontiers in Immunology</i> , 2014, 5, 530.	4.8	0