Jan Ceuppens

List of Publications by Year
in descending order

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109	6,115	71061	74108
papers	citations	41 h-index	75 g-index

109	109	109	7808
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Innate Lymphoid Cells Are Required to Induce Airway Hyperreactivity in a Murine Neutrophilic Asthma Model. Frontiers in Immunology, 2022, 13, 849155.	2.2	7
2	Nasal epithelial barrier dysfunction increases sensitization and mast cell degranulation in the absence of allergic inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1155-1164.	2.7	42
3	Lactobacillus rhamnosus probiotic prevents airway function deterioration and promotes gut microbiome resilience in a murine asthma model. Gut Microbes, 2020, 11, 1729-1744.	4.3	39
4	Fibrogenesis in chronic murine colitis is independent of innate lymphoid cells. Immunity, Inflammation and Disease, 2020, 8, 393-407.	1.3	4
5	Intranasal administration of probiotic Lactobacillus rhamnosus GG prevents birch pollenâ€induced allergic asthma in a murine model. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 100-110.	2.7	84
6	Fibrogenesis in Chronic DSS Colitis is Not Influenced by Neutralisation of Regulatory T Cells, of Major T Helper Cytokines or Absence of IL-13. Scientific Reports, 2019, 9, 10064.	1.6	10
7	Mucosal IL13RA2 expression predicts nonresponse to antiâ€TNF therapy in Crohn's disease. Alimentary Pharmacology and Therapeutics, 2019, 49, 572-581.	1.9	52
8	Stepwise approach towards adoption of allergen immunotherapy for allergic rhinitis and asthma patients in daily practice in Belgium: a BelSACI-Abeforcal-EUFOREA statement. Clinical and Translational Allergy, 2019, 9, 1.	1.4	27
9	Lolium perenne peptides for treatment of grass pollen allergy: AÂrandomized, double-blind, placebo-controlled clinical trial. Journal of Allergy and Clinical Immunology, 2018, 141, 448-451.	1.5	18
10	Histamine and T helper cytokineâ€“driven epithelial barrier dysfunction in allergic rhinitis. Journal of Allergy and Clinical Immunology, 2018, 141, 951-963.e8.	1.5	139
11	<scp>MP</scp>29â€02 reduces nasal hyperreactivity and nasal mediators in patients with house dust miteâ€allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1084-1093.	2.7	40
12	Effects of Epithelial IL-13RÎ±2 Expression in Inflammatory Bowel Disease. Frontiers in Immunology, 2018, 9, 2983.	2.2	17
13	Probiotics against airway allergy: host factors to consider. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	20
14	Programmed cell deathâ€1 expression correlates with disease severity and ILâ€5 in chronic rhinosinusitis with nasal polyps. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 985-993.	2.7	23
15	Cluster analysis of sputum cytokine-high profiles reveals diversity in T(h)2-high asthma patients. Respiratory Research, 2017, 18, 39.	1.4	63
16	IL-13 is a central mediator of chemical-induced airway hyperreactivity in mice. PLoS ONE, 2017, 12, e0180690.	1.1	10
17	Value-added reporting of specific IgE. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1644-1644.	2.7	0
18	Genetic Deletion of Tissue Inhibitor of Metalloproteinase-1/TIMP-1 Alters Inflammation and Attenuates Fibrosis in Dextran Sodium Sulphate-induced Murine Models of Colitis. Journal of Crohn's and Colitis, 2016, 10, 1336-1350.	0.6	34

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19	Impaired barrier function in patients with house dust miteâ€“induced allergic rhinitis is accompanied by decreased occludin and zonula occludens-1 expression. Journal of Allergy and Clinical Immunology, 2016, 137, 1043-1053.e5.	1.5	244
20	Regulatory T Cellâ€“Dependent and â€“Independent Mechanisms of Immune Suppression by CD28/B7 and CD40/CD40L Costimulation Blockade. Journal of Immunology, 2016, 197, 533-540.	0.4	14
21	Restoring airway epithelial barrier dysfunction: a new therapeutic challenge in allergic airway disease. Rhinology, 2016, 54, 195-205.	0.7	45
22	Th2â€high asthma: a heterogeneous asthma population?. Clinical and Translational Allergy, 2015, 5, O1.	1.4	2
23	Antiâ€“Tumor Necrosis Factor Therapy Restores Peripheral Blood B-cell Subsets and CD40 Expression in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 2015, 21, 2787-2796.	0.9	31
24	Restoration of Foxp3+ Regulatory T-cell Subsets and Foxp3â^' Type 1 Regulatory-like T Cells in Inflammatory Bowel Diseases During Anti-tumor Necrosis Factor Therapy. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	14
25	A chest physician's guide to mechanisms of sinonasal disease. Thorax, 2015, 70, 353-358.	2.7	17
26	Defining thresholds of specific IgE levels to grass pollen and birch pollen allergens improves clinical interpretation. Clinica Chimica Acta, 2015, 450, 46-50.	0.5	14
27	CD28/CTLAâ€4/B7 costimulatory pathway blockade affects regulatory Tâ€cell function in autoimmunity. European Journal of Immunology, 2015, 45, 1832-1841.	1.6	44
28	Low cord blood Foxp3/CD3Î³ <scp>mRNA</scp> ratios: a marker of increased risk for allergy development. Clinical and Experimental Allergy, 2015, 45, 232-237.	1.4	12
29	Perioperative allergic reactions: Experience in a Flemish referral centre. Allergologia Et Immunopathologia, 2014, 42, 348-354.	1.0	52
30	Nasal Allergen Deposition Leads to Conjunctival Mast Cell Degranulation in Allergic Rhinoconjunctivitis. American Journal of Rhinology and Allergy, 2014, 28, 290-296.	1.0	11
31	Sputum â€œILâ€5, ILâ€17A, ILâ€25â€highâ€•pattern is associated with uncontrolled asthma and worse lung function. Clinical and Translational Allergy, 2013, 3, O3.	1.4	0
32	Foxp3⁺ regulatory T cells are activated in spite of B7â€CD28 and CD40â€CD40L blockade. European Journal of Immunology, 2013, 43, 1013-1023.	1.6	27
33	Crucial Role of Transient Receptor Potential Ankyrin 1 and Mast Cells in Induction of Nonallergic Airway Hyperreactivity in Mice. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 486-493.	2.5	85
34	<scp>I</scp>nterleukinâ€15 receptor Î± expression in inflammatory bowel disease patients before and after normalization of inflammation with infliximab. Immunology, 2013, 138, 47-56.	2.0	13
35	Unique Gene Expression and MR T2 Relaxometry Patterns Define Chronic Murine Dextran Sodium Sulphate Colitis as a Model for Connective Tissue Changes in Human Crohnâ€™s Disease. PLoS ONE, 2013, 8, e68876.	1.1	42
36	Effects of haptoglobin polymorphisms and deficiency on susceptibility to inflammatory bowel disease and on severity of murine colitis. Gut, 2012, 61, 528-534.	6.1	32

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37	Placental Growth Factor Contributes to Bronchial Neutrophilic Inflammation and Edema in Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 781-789.	1.4	20
38	Explorative study on patient's perceived knowledge level, expectations, preferences and fear of side effects for treatment for allergic rhinitis. Clinical and Translational Allergy, 2012, 2, 9.	1.4	49
39	Neonatal ILâ€10 production and risk of allergy development. Clinical and Experimental Allergy, 2012, 42, 483-484.	1.4	6
40	In vivo maturation of TH cells in relation to atopy. Journal of Allergy and Clinical Immunology, 2011, 128, 234-237.e7.	1.5	8
41	Measurement of itching: Validation of the Leuven Itch Scale. Burns, 2011, 37, 939-950.	1.1	43
42	Airway exposure to hypochlorite prior to ovalbumin induces airway hyperreactivity without evidence for allergic sensitization. Toxicology Letters, 2011, 204, 101-107.	0.4	15
43	Selective Nasal Allergen Provocation Induces Substance Pâ€“Mediated Bronchial Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 517-523.	1.4	40
44	Effects of T cell-induced colonic inflammation on epithelial barrier functionâ€. Inflammatory Bowel Diseases, 2010, 16, 1322-1331.	0.9	18
45	Reciprocal changes of Foxp3 expression in blood and intestinal mucosa in IBD patients responding to infliximabâ€. Inflammatory Bowel Diseases, 2010, 16, 1299-1310.	0.9	90
46	Staphylococcus aureus enterotoxin B facilitates allergic sensitization in experimental asthma. Clinical and Experimental Allergy, 2010, 40, 1079-1090.	1.4	65
47	Impact of lipoteichoic acid modification on the performance of the probiotic Lactobacillus rhamnosus GG in experimental colitis. Clinical and Experimental Immunology, 2010, 162, 306-314.	1.1	92
48	Staphylococcus aureus enterotoxin B augments granulocyte migration and survival via airway epithelial cell activation. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1013-1020.	2.7	51
49	Conjunctival effects of a selective nasal pollen provocation. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1173-1181.	2.7	17
50	Blocking costimulatory pathways: prospects for inducing transplantation tolerance. Immunotherapy, 2010, 2, 497-509.	1.0	7
51	Sensitization to Inhaled Ryegrass Pollen by Collateral Priming in a Murine Model of Allergic Respiratory Disease. International Archives of Allergy and Immunology, 2010, 152, 233-242.	0.9	8
52	DC vaccination with anti-CD25 treatment leads to long-term immunity against experimental glioma. Neuro-Oncology, 2009, 11, 529-542.	0.6	94
53	Generation of Antibody Responses to Pneumococcal Capsular Polysaccharides Is Independent of CD1 Expression in Mice. Infection and Immunity, 2009, 77, 1976-1980.	1.0	5
54	Haptoglobin deficiency facilitates the development of autoimmune inflammation. European Journal of Immunology, 2009, 39, 3404-3412.	1.6	34

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55	ICOS Deficiency Results in Exacerbated IL-17 Mediated Experimental Autoimmune Encephalomyelitis. Journal of Clinical Immunology, 2009, 29, 426-433.	2.0	37
56	Immune dysfunction in patients with functional gastrointestinal disorders. Neurogastroenterology and Motility, 2009, 21, 389-398.	1.6	139
57	Immunotherapy with a modified birch pollen extract in allergic rhinoconjunctivitis: clinical and immunological effects. Clinical and Experimental Allergy, 2009, 39, 1903-1909.	1.4	40
58	Subâ€lingual Immunotherapy: World Allergy Organization Position Paper 2009. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1-59.	2.7	316
59	Type III IFNâ€Î» mRNA expression in sputum of adult and schoolâ€aged asthmatics. Clinical and Experimental Allergy, 2008, 38, 1459-1467.	1.4	55
60	T-cell mediated late increase in bronchial tone after allergen provocation in a murine asthma model. Clinical Immunology, 2008, 128, 248-258.	1.4	10
61	The human polysaccharide- and protein-specific immune response to Streptococcus pneumoniae is dependent on CD4+ T lymphocytes, CD14+ monocytes, and the CD40â€“CD40 ligand interaction. Journal of Allergy and Clinical Immunology, 2008, 122, 1231-1233.	1.5	8
62	Contribution of Regulatory T Cells and Effector T Cell Deletion in Tolerance Induction by Costimulation Blockadel. Journal of Immunology, 2008, 181, 1034-1042.	0.4	46
63	Impact of luxS and Suppressor Mutations on the Gastrointestinal Transit of Lactobacillus rhamnosus GG. Applied and Environmental Microbiology, 2008, 74, 4711-4718.	1.4	68
64	Distinct approaches to investigate the importance of the murine 4-1BB-4-1BBL interaction in the antibody response to Streptococcus pneumoniae. Journal of Leukocyte Biology, 2007, 82, 638-644.	1.5	5
65	Immunological determinants of ventilatory changes induced in mice by dermal sensitization and respiratory challenge with toluene diisocyanate. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L207-L214.	1.3	68
66	Persistent IL-10 production is required for glioma growth suppressive activity by Th1-directed effector cells after stimulation with tumor lysate-loaded dendritic cells. Journal of Neuro-Oncology, 2007, 84, 131-140.	1.4	28
67	IL-17 mRNA in sputum of asthmatic patients: linking T cell driven inflammation and granulocytic influx?. Respiratory Research, 2006, 7, 135.	1.4	488
68	Evaluation of airway inflammation by quantitative Th1/Th2 cytokine mRNA measurement in sputum of asthma patients. Thorax, 2006, 61, 202-208.	2.7	166
69	Aggravation of bronchial eosinophilia in mice by nasal and bronchial exposure to Staphylococcus aureus enterotoxin B. Clinical and Experimental Allergy, 2006, 36, 1063-1071.	1.4	64
70	Involvement of 4-1BB (CD137)-4-1BBligand interaction in the modulation of CD4+ T cell-mediated inflammatory colitis. Clinical and Experimental Immunology, 2006, 143, 228-236.	1.1	25
71	CD4+ T Lymphocytes Expressing CD40 Ligand Help the IgM Antibody Response to Soluble Pneumococcal Polysaccharides via an Intermediate Cell Type. Journal of Immunology, 2006, 176, 529-536.	0.4	16
72	Haptoglobin dampens endotoxin-induced inflammatory effects both in vitro and in vivo. Immunology, 2005, 114, 263-271.	2.0	129

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73	Uptake and presentation of malignant glioma tumor cell lysates by monocyte-derived dendritic cells. Cancer Immunology, Immunotherapy, 2005, 54, 372-382.	2.0	42
74	Detection of basophil-activating IgG autoantibodies in chronic idiopathic urticaria by induction of CD63. Journal of Allergy and Clinical Immunology, 2005, 116, 662-667.	1.5	61
75	Human T Cell Activation by Costimulatory Signal-Deficient Allogeneic Cells Induces Inducible Costimulator-Expressing Anergic T Cells with Regulatory Cell Activity. Journal of Immunology, 2004, 172, 5371-5378.	0.4	32
76	Allergen-specific T cells from birch-pollen-allergic patients and healthy controls differ in T helper 2 cytokine and in interleukin-10 production. Clinical and Experimental Allergy, 2004, 34, 879-887.	1.4	35
77	T lymphocyte dependence of the antibody response to 'T lymphocyte independent type 2' antigens. Immunology, 2004, 111, 1-7.	2.0	47
78	The human antibody response to pneumococcal capsular polysaccharides is dependent on the CD40-CD40 ligand interaction. European Journal of Immunology, 2004, 34, 850-858.	1.6	25
79	Inhibition of glycolipid biosynthesis by N-(5-adamantane-1-yl-methoxy-pentyl)-deoxynojirimycin protects against the inflammatory response in hapten-induced colitis. International Immunopharmacology, 2004, 4, 939-951.	1.7	38
80	Haptoglobin directly affects T cells and suppresses T helper cell type 2 cytokine release. Immunology, 2003, 108, 144-151.	2.0	157
81	Progesterone increases airway eosinophilia and hyper-responsiveness in a murine model of allergic asthma. Clinical and Experimental Allergy, 2003, 33, 1457-1463.	1.4	86
82	Interleukin-17 Orchestrates the Granulocyte Influx into Airways after Allergen Inhalation in a Mouse Model of Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 42-50.	1.4	359
83	Essential Role for CD40 Ligand Interactions in T Lymphocyte-Mediated Modulation of the Murine Immune Response to Pneumococcal Capsular Polysaccharides. Journal of Immunology, 2002, 168, 2773-2781.	0.4	35
84	Blockade of CTLA-4 enhances allergic sensitization and eosinophilic airway inflammation in genetically predisposed mice. European Journal of Immunology, 2002, 32, 585-594.	1.6	81
85	Effects of anti-tumour necrosis factor, interleukin-10 and antibiotic therapy in the indometacin-induced bowel inflammation rat model. Alimentary Pharmacology and Therapeutics, 2001, 15, 1827-1836.	1.9	27
86	Eosinophilic rhinitis accompanies the development of lower airway inflammation and hyper-reactivity in sensitized mice exposed to aerosolized allergen. Clinical and Experimental Allergy, 2001, 31, 782-790.	1.4	73
87	Activation of the immune system in cancer patients. , 2000, 34, 1-9.		10
88	IL-15 Is Highly Expressed in Inflammatory Bowel Disease and Regulates Local T Cell-Dependent Cytokine Production. Journal of Immunology, 2000, 164, 3608-3615.	0.4	177
89	Prevention of Experimental Colitis in SCID Mice Reconstituted with CD45RBhigh CD4+ T Cells by Blocking the CD40-CD154 Interactions. Journal of Immunology, 2000, 164, 6005-6014.	0.4	118
90	Naive human T cells can be a source of IL-4 during primary immune responses. Clinical and Experimental Immunology, 1999, 118, 384-391.	1.1	24

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91	Blocking CD40 â€“ CD154 and CD80/CD86 â€“ CD28 interactions during primary allogeneic stimulation results in T cell anergy and high IL-10 production. European Journal of Immunology, 1999, 29, 2367-2375.	1.6	67
92	Blocking CD40 â€“ CD154 and CD80/CD86 â€“ CD28 interactions during primary allogeneic stimulation results in T cell anergy and high IL-10 production. European Journal of Immunology, 1999, 29, 2367-2375.	1.6	4
93	Effects of anti-IL-4 receptor monoclonal antibody on in vitro T cell cytokine levels: IL-4 production by T cells from non-atopic donors. Clinical and Experimental Immunology, 1998, 113, 320-326.	1.1	39
94	Identification of an enriched CD4+ CD8Î±++ CD8Î²+ T-cell subset among tumor-infiltrating lymphocytes in human renal cell carcinoma. , 1997, 71, 178-182.		12
95	Multivariate reconstruction of lymphocyte profiles in a two-dimensional graphical model as a tool for the investigation of lymphocyte subset distribution in health and disease. , 1997, 28, 220-227.		6
96	Accessory signaling by CD40 for T cell activation: induction of Th1 and Th2 cytokines and synergy with interleukin-12 for interferon-Î³ production. European Journal of Immunology, 1996, 26, 1621-1627.	1.6	126
97	CD80, CD86 and CD40 Provide Accessory Signals in a Multiple-Step T-Cell Activation Model. Immunological Reviews, 1996, 153, 47-83.	2.8	219
98	Identification of haptoglobin as an alternative ligand for CD11b/CD18. Journal of Immunology, 1996, 156, 2542-52.	0.4	91
99	Inhibition of synovial fluid T cell proliferation by anti-CD5 monoclonal antibodies. A potential mechanism for their immunotherapeutic action in vivo. Arthritis and Rheumatism, 1992, 35, 1445-1451.	6.7	15
100	Immobilized anti-CD5 together with prolonged activation of protein kinase C induce interleukin 2-dependent T cell growth: evidence for signal transduction through CD5. European Journal of Immunology, 1991, 21, 251-259.	1.6	41
101	Subset markers of CD8(+) cells and their relation to enhanced cytotoxic T-cell activity during human immunodeficiency virus infection. Journal of Clinical Immunology, 1991, 11, 345-356.	2.0	56
102	Tumor necrosis factor-Î± and interleukin 6 synergistically induce T cell growth. European Journal of Immunology, 1990, 20, 1019-1025.	1.6	46
103	A bidirectional regulatory network involving IL 2 and IL 4 in the alternative CD2 pathway of T cell activation. European Journal of Immunology, 1990, 20, 1569-1575.	1.6	16
104	Defect in the membrane expression of high affinity 72-kD Fc gamma receptors on phagocytic cells in four healthy subjects.. Journal of Clinical Investigation, 1988, 82, 571-578.	3.9	66
105	Human T cell activation with phytohemagglutinin. The function of IL-6 as an accessory signal. Journal of Immunology, 1988, 141, 3868-74.	0.4	123
106	Direct demonstration of binding of anti-Leu 4 antibody to the 40 kDa Fc receptor on monocytes as a prerequisite for anti-Leu 4-induced T cell mitogenesis. Journal of Immunology, 1987, 139, 4067-71.	0.4	21
107	Immunomodulatory effects of treatment with naproxen in patients with rheumatic disease. Arthritis and Rheumatism, 1986, 29, 305-311.	6.7	21
108	Immunological Alterations in Haemophiliacs Treated with Lyophilized Factor VIII Cryoprecipitate from Volunteer Donors. Thrombosis and Haemostasis, 1984, 51, 207-211.	1.8	20

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109	Blocking CD40 â€“ CD154 and CD80/CD86 â€“ CD28 interactions during primary allogeneic stimulation results in T cell anergy and high IL-10 production. , 0, .		1