Hamida Hammad

List of Publications by Citations

175 papers	19,333 citations	70 h-index	138 g-index
184 ext. papers	22,644 ext. citations	12.8 avg, IF	7.2 L-index

#	Paper	IF	Citations
175	The immunology of asthma. *Nature Immunology*, **2015**, 16, 45-56	19.1	986
174	House dust mite allergen induces asthma via Toll-like receptor 4 triggering of airway structural cells. *Nature Medicine*, **2009**, 15, 410-6	50.5	835
173	Alum adjuvant boosts adaptive immunity by inducing uric acid and activating inflammatory dendritic cells. *Journal of Experimental Medicine*, **2008**, 205, 869-82	16.6	722
172	Alveolar macrophages develop from fetal monocytes that differentiate into long-lived cells in the first week of life via GM-CSF. *Journal of Experimental Medicine*, **2013**, 210, 1977-92	16.6	698
171	Essential role of lung plasmacytoid dendritic cells in preventing asthmatic reactions to harmless inhaled antigen. *Journal of Experimental Medicine*, **2004**, 200, 89-98	16.6	660
170	Conventional and monocyte-derived CD11b(+) dendritic cells initiate and maintain T helper 2 cell-mediated immunity to house dust mite allergen. *Immunity*, **2013**, 38, 322-35	32.3	614
169	The airway epithelium in asthma. *Nature Medicine*, **2012**, 18, 684-92	50.5	608
168	Dendritic cells and epithelial cells: linking innate and adaptive immunity in asthma. *Nature Reviews Immunology*, **2008**, 8, 193-204	36.5	497
167	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). *European Journal of Immunology*, **2019**, 49, 1457-1973	6.1	485
166	Cutting edge: alum adjuvant stimulates inflammatory dendritic cells through activation of the NALP3 inflammasome. *Journal of Immunology*, **2008**, 181, 3755-9	5.3	481
165	Extracellular ATP triggers and maintains asthmatic airway inflammation by activating dendritic cells. *Nature Medicine*, **2007**, 13, 913-9	50.5	473
164	Inflammatory dendritic cells--not basophils--are necessary and sufficient for induction of Th2 immunity to inhaled house dust mite allergen. *Journal of Experimental Medicine*, **2010**, 207, 2097-111	16.6	468
163	Barrier Epithelial Cells and the Control of Type 2 Immunity. *Immunity*, **2015**, 43, 29-40	32.3	467
162	The function of Fc receptors in dendritic cells and macrophages. *Nature Reviews Immunology*, **2014**, 14, 94-108	36.5	415
161	Farm dust and endotoxin protect against allergy through A20 induction in lung epithelial cells. *Science*, **2015**, 349, 1106-10	33.3	374
160	The Cytokines of Asthma. *Immunity*, **2019**, 50, 975-991	32.3	340
159	Interleukin-1 controls allergic sensitization to inhaled house dust mite via the epithelial release of GM-CSF and IL-33. *Journal of Experimental Medicine*, **2012**, 209, 1505-17	16.6	306

158	Taking our breath away: dendritic cells in the pathogenesis of asthma. *Nature Reviews Immunology*, **2003**, 3, 994-1003	36.5	300
157	Biology of lung dendritic cells at the origin of asthma. *Immunity*, **2009**, 31, 412-24	32.3	290
156	An unexpected role for uric acid as an inducer of T helper 2 cell immunity to inhaled antigens and inflammatory mediator of allergic asthma. *Immunity*, **2011**, 34, 527-40	32.3	276
155	Mechanism of action of clinically approved adjuvants. *Current Opinion in Immunology*, **2009**, 21, 23-9	7.8	271
154	Tertiary lymphoid organs in infection and autoimmunity. *Trends in Immunology*, **2012**, 33, 297-305	14.4	241
153	Lung dendritic cells in respiratory viral infection and asthma: from protection to immunopathology. *Annual Review of Immunology*, **2012**, 30, 243-70	34.7	234
152	Human endothelial-cell specific molecule-1 binds directly to the integrin CD11a/CD18 (LFA-1) and blocks binding to intercellular adhesion molecule-1. *Journal of Immunology*, **2001**, 167, 3099-106	5.3	206
151	Local application of FTY720 to the lung abrogates experimental asthma by altering dendritic cell function. *Journal of Clinical Investigation*, **2006**, 116, 2935-44	15.9	204
150	Allergens and the airway epithelium response: gateway to allergic sensitization. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 499-507	11.5	203
149	The ubiquitin-editing protein A20 prevents dendritic cell activation, recognition of apoptotic cells, and systemic autoimmunity. *Immunity*, **2011**, 35, 82-96	32.3	197
148	The immunology of the allergy epidemic and the hygiene hypothesis. *Nature Immunology*, **2017**, 18, 1076-1083	31.1	195
147	Pulmonary lymphoid neogenesis in idiopathic pulmonary arterial hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 311-21	10.2	194
146	The role of dendritic and epithelial cells as master regulators of allergic airway inflammation. *Lancet, The*, **2010**, 376, 835-43	40	194
145	Division of labor between lung dendritic cells and macrophages in the defense against pulmonary infections. *Mucosal Immunology*, **2013**, 6, 464-73	9.2	187
144	Perinatal Activation of the Interleukin-33 Pathway Promotes Type 2 Immunity in the Developing Lung. *Immunity*, **2016**, 45, 1285-1298	32.3	187
143	Activation of the D prostanoid 1 receptor suppresses asthma by modulation of lung dendritic cell function and induction of regulatory T cells. *Journal of Experimental Medicine*, **2007**, 204, 357-67	16.6	158
142	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. *Immunity*, **2016**, 45, 626-640	32.3	157
141	Prostaglandin D2 inhibits airway dendritic cell migration and function in steady state conditions by selective activation of the D prostanoid receptor 1. *Journal of Immunology*, **2003**, 171, 3936-40	5.3	157

140	Activation of peroxisome proliferator-activated receptor-gamma in dendritic cells inhibits the development of eosinophilic airway inflammation in a mouse model of asthma. *American Journal of Pathology*, **2004**, 164, 263-71	5.8	151
139	Th2 polarization by Der p 1--pulsed monocyte-derived dendritic cells is due to the allergic status of the donors. *Blood*, **2001**, 98, 1135-41	2.2	148
138	C-kit-positive cells accumulate in remodeled vessels of idiopathic pulmonary arterial hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 116-23	10.2	147
137	Protective effect of Schistosoma mansoni infection on allergic airway inflammation depends on the intensity and chronicity of infection. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 932-40	11.5	134
136	An anti-inflammatory role for plasmacytoid dendritic cells in allergic airway inflammation. *Journal of Immunology*, **2009**, 183, 1074-82	5.3	132
135	Mesothelioma environment comprises cytokines and T-regulatory cells that suppress immune responses. *European Respiratory Journal*, **2006**, 27, 1086-95	13.6	129
134	Alternatively activated macrophages and impaired phagocytosis of S.´aureus in chronic rhinosinusitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2011**, 66, 396-403	9.3	122
133	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. *Immunity*, **2020**, 52, 1039-1056.e9	32.3	120
132	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. *Allergy: European Journal of Allergy and Clinical Immunology*, **2011**, 66, 596-604	9.3	115
131	Protein crystallization promotes type 2 immunity and is reversible by antibody treatment. *Science*, **2019**, 364,	33.3	114
130	Polymeric multilayer capsule-mediated vaccination induces protective immunity against cancer and viral infection. *ACS Nano*, **2012**, 6, 2136-49	16.7	113
129	Blockade of CCR4 in a humanized model of asthma reveals a critical role for DC-derived CCL17 and CCL22 in attracting Th2 cells and inducing airway inflammation. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 995-1002	9.3	112
128	Recent progress in the biology of airway dendritic cells and implications for understanding the regulation of asthmatic inflammation. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 331-6	11.5	112
127	Dendritic cells and airway epithelial cells at the interface between innate and adaptive immune responses. *Allergy: European Journal of Allergy and Clinical Immunology*, **2011**, 66, 579-87	9.3	110
126	Interleukin-21-Producing CD4(+) T Cells Promote Type 2 Immunity to House Dust Mites. *Immunity*, **2015**, 43, 318-30	32.3	107
125	Dendritic cell subsets and immune regulation in the lung. *Seminars in Immunology*, **2005**, 17, 295-303	10.7	105
124	Inhaled iloprost suppresses the cardinal features of asthma via inhibition of airway dendritic cell function. *Journal of Clinical Investigation*, **2007**, 117, 464-72	15.9	98
123	Monocyte-derived dendritic cells induce a house dust mite-specific Th2 allergic inflammation in the lung of humanized SCID mice: involvement of CCR7. *Journal of Immunology*, **2002**, 169, 1524-34	5.3	97

122	Cytokine targets in airway inflammation. *Current Opinion in Pharmacology*, **2013**, 13, 351-61	5.1	93
121	The emerging role of ADAM metalloproteinases in immunity. *Nature Reviews Immunology*, **2018**, 18, 745-758	36.3	92
120	A gammaherpesvirus provides protection against allergic asthma by inducing the replacement of resident alveolar macrophages with regulatory monocytes. *Nature Immunology*, **2017**, 18, 1310-1320	19.1	90
119	Cholera toxin B suppresses allergic inflammation through induction of secretory IgA. *Mucosal Immunology*, **2009**, 2, 331-9	9.2	89
118	Asthma: the importance of dysregulated barrier immunity. *European Journal of Immunology*, **2013**, 43, 3125-37	6.1	88
117	Lipopolysaccharide-induced suppression of airway Th2 responses does not require IL-12 production by dendritic cells. *Journal of Immunology*, **2003**, 171, 3645-54	5.3	88
116	Langerhans Cells: Sensing the Environment in Health and Disease. *Frontiers in Immunology*, **2018**, 9, 93	8.4	84
115	Single-Cell RNA Sequencing of the T Helper Cell Response to House Dust Mites Defines a Distinct Gene Expression Signature in Airway Th2 Cells. *Immunity*, **2019**, 51, 169-184.e5	32.3	79
114	Innate immune cells in asthma. *Trends in Immunology*, **2013**, 34, 540-7	14.4	79
113	Peroxisome proliferator-activated receptor gamma inhibits the migration of dendritic cells: consequences for the immune response. *Journal of Immunology*, **2003**, 170, 5295-301	5.3	78
112	Imaging regulatory T cell dynamics and CTLA4-mediated suppression of T cell priming. *Nature Communications*, **2015**, 6, 6219	17.4	77
111	Structure and antagonism of the receptor complex mediated by human TSLP in allergy and asthma. *Nature Communications*, **2017**, 8, 14937	17.4	76
110	Activation of the D prostanoid receptor 1 regulates immune and skin allergic responses. *Journal of Immunology*, **2004**, 172, 3822-9	5.3	76
109	Role of B Cell-Activating Factor in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 706-18	10.2	73
108	The IL-33/ST2 axis is crucial in type 2 airway responses induced by Staphylococcus aureus-derived serine protease-like protein D. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 549-559.e7	11.5	73
107	CC chemokines and interleukin-5 in bronchial lavage fluid from patients with status asthmaticus. Potential implication in eosinophil recruitment. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 162, 586-92	10.2	73
106	Selective control of SIRP-alpha-positive airway dendritic cell trafficking through CD47 is critical for the development of T(H)2-mediated allergic inflammation. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1333-42.e1	11.5	70
105	The basic immunology of asthma. *Cell*, **2021**, 184, 1469-1485	56.2	69

104	Vaccination with early ferroptotic cancer cells induces efficient antitumor immunity **2020**, 8,		67
103	Are allergic multimorbidities and IgE polysensitization associated with the persistence or re-occurrence of foetal type 2 signalling? The MeDALL hypothesis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 1062-78	9.3	66
102	Role of CXCL13 in cigarette smoke-induced lymphoid follicle formation and chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 343-55	10.2	63
101	Involvement of the mannose receptor in the uptake of Der p 1, a major mite allergen, by human dendritic cells. *Journal of Allergy and Clinical Immunology*, **2002**, 110, 763-70	11.5	63
100	Paving the way of systems biology and precision medicine in allergic diseases: the MeDALL success story: Mechanisms of the Development of ALLergy; EU FP7-CP-IP; Project No: 261357; 2010-2015. *Allergy: European Journal of Allergy and Clinical Immunology*, **2016**, 71, 1513-1525	9.3	63
99	The neuropeptide calcitonin gene-related peptide affects allergic airway inflammation by modulating dendritic cell function. *Clinical and Experimental Allergy*, **2011**, 41, 1609-21	4.1	62
98	TLR4 signalling in pulmonary stromal cells is critical for inflammation and immunity in the airways. *Respiratory Research*, **2011**, 12, 125	7.3	60
97	Der p 1-pulsed myeloid and plasmacytoid dendritic cells from house dust mite-sensitized allergic patients dysregulate the T cell response. *Journal of Leukocyte Biology*, **2003**, 73, 91-9	6.5	57
96	Neutralizing TNF restores glucocorticoid sensitivity in a mouse model of neutrophilic airway inflammation. *Mucosal Immunology*, **2015**, 8, 1212-25	9.2	56
95	A20-deficient mast cells exacerbate inflammatory responses in vivo. *PLoS Biology*, **2014**, 12, e1001762	9.7	54
94	Origin and functional specializations of DC subsets in the lung. *European Journal of Immunology*, **2010**, 40, 2112-8	6.1	54
93	Synergistic effect of diesel organic extracts and allergen Der p 1 on the release of chemokines by peripheral blood mononuclear cells from allergic subjects: involvement of the map kinase pathway. *American Journal of Respiratory Cell and Molecular Biology*, **2000**, 23, 247-54	5.7	54
92	Bacteria isolated from lung modulate asthma susceptibility in mice. *ISME Journal*, **2017**, 11, 1061-1074	11.9	53
91	Lung dendritic cell migration. *Advances in Immunology*, **2007**, 93, 265-78	5.6	52
90	Gata1 regulates dendritic-cell development and survival. *Blood*, **2007**, 110, 1933-41	2.2	48
89	Dendritic Cell Targeting mRNA Lipopolyplexes Combine Strong Antitumor T-Cell Immunity with Improved Inflammatory Safety. *ACS Nano*, **2018**, 12, 9815-9829	16.7	46
88	Transitional B cells commit to marginal zone B cell fate by Taok3-mediated surface expression of ADAM10. *Nature Immunology*, **2017**, 18, 313-320	19.1	45
87	Effects of diesel organic extracts on chemokine production by peripheral blood mononuclear cells. *Journal of Allergy and Clinical Immunology*, **1999**, 103, 1115-24	11.5	45

86	Cellular networks controlling Th2 polarization in allergy and immunity. *F1000 Biology Reports*, **2012**, 4, 6		45
85	Monocyte-derived dendritic cells exposed to Der p 1 allergen enhance the recruitment of Th2 cells: major involvement of the chemokines TARC/CCL17 and MDC/CCL22. *European Cytokine Network*, **2003**, 14, 219-28	3.3	43
84	Interplay between barrier epithelial cells and dendritic cells in allergic sensitization through the lung and the skin. *Immunological Reviews*, **2017**, 278, 131-144	11.3	42
83	Mouse Models of´Asthma. *Current Protocols in Mouse Biology*, **2016**, 6, 169-184	1.1	42
82	House dust mite-driven asthma and allergen-specific T cells depend on B cells when the amount of inhaled allergen is limiting. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 76-88.e7	11.5	41
81	Epicutaneous sensitization to house dust mite allergen requires interferon regulatory factor 4-dependent dermal dendritic cells. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1364-1377.e2	11.5	40
80	The transcriptome of lung tumor-infiltrating dendritic cells reveals a tumor-supporting phenotype and a microRNA signature with negative impact on clinical outcome. *OncoImmunology*, **2017**, 6, e1253655	7.2	40
79	Professional and 'Amateur' Antigen-Presenting Cells In Type 2 Immunity. *Trends in Immunology*, **2019**, 40, 22-34	14.4	40
78	RUN and FYVE domain-containing protein 4 enhances autophagy and lysosome tethering in response to Interleukin-4. *Journal of Cell Biology*, **2015**, 210, 1133-52	7.3	39
77	Invariant natural killer T cells are natural regulators of murine spondylarthritis. *Arthritis and Rheumatism*, **2010**, 62, 988-99		39
76	Murine Models of Allergic Asthma. *Methods in Molecular Biology*, **2017**, 1559, 121-136	1.4	38
75	A20 Deficiency in Lung Epithelial Cells Protects against Influenza A Virus Infection. *PLoS Pathogens*, **2016**, 12, e1005410	7.6	38
74	Contribution of regulatory T cells to alleviation of experimental allergic asthma after specific immunotherapy. *Clinical and Experimental Allergy*, **2012**, 42, 1519-28	4.1	37
73	Facilitated antigen uptake and timed exposure to TLR ligands dictate the antigen-presenting potential of plasmacytoid DCs. *Journal of Leukocyte Biology*, **2011**, 90, 1177-90	6.5	36
72	Alarming dendritic cells for allergic sensitization. *Allergology International*, **2010**, 59, 95-103	4.4	36
71	Short cigarette smoke exposure facilitates sensitisation and asthma development in mice. *European Respiratory Journal*, **2013**, 41, 1189-99	13.6	35
70	The multi-faceted role of allergen exposure to the local airway mucosa. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 152-60	9.3	34
69	Differential capacity of CD8+ alpha or CD8- alpha dendritic cell subsets to prime for eosinophilic airway inflammation in the T-helper type 2-prone milieu of the lung. *Clinical and Experimental Allergy*, **2004**, 34, 1834-40	4.1	34

68	Presence of chromogranin-derived antimicrobial peptides in plasma during coronary artery bypass surgery and evidence of an immune origin of these peptides. *Blood*, **2002**, 100, 553-9	2.2	34
67	Dendritic cell and epithelial cell interactions at the origin of murine asthma. *Annals of the American Thoracic Society*, **2014**, 11 Suppl 5, S236-43	4.7	32
66	The hygiene hypothesis: immunological mechanisms of airway tolerance. *Current Opinion in Immunology*, **2018**, 54, 102-108	7.8	31
65	TNF-□nduced protein 3 levels in lung dendritic cells instruct T2 or T17´cell differentiation in eosinophilic or neutrophilic asthma. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1620-1633.e12	11.5	30
64	Direct regulatory immune activity of lactic acid bacteria on Der p 1-pulsed dendritic cells from allergic patients. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 198-204	11.5	30
63	IL-33trap is a novel IL-33-neutralizing biologic that inhibits allergic airway inflammation. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 204-215	11.5	29
62	Ursodeoxycholic acid suppresses eosinophilic airway inflammation by inhibiting the function of dendritic cells through the nuclear farnesoid X receptor. *Allergy: European Journal of Allergy and Clinical Immunology*, **2012**, 67, 1501-10	9.3	27
61	The mucosal adjuvant cholera toxin B instructs non-mucosal dendritic cells to promote IgA production via retinoic acid and TGF-□*PLoS ONE*, **2013**, 8, e59822	3.7	27
60	Lung dendritic cell-epithelial cell crosstalk in Th2 responses to allergens. *Current Opinion in Immunology*, **2011**, 23, 772-7	7.8	27
59	Asthma and coagulation. *New England Journal of Medicine*, **2013**, 369, 1964-6	59.2	26
58	The lung vascular filter as a site of immune induction for T cell responses to large embolic antigen. *Journal of Experimental Medicine*, **2009**, 206, 2823-35	16.6	26
57	The other cells in asthma: dendritic cell and epithelial cell crosstalk. *Current Opinion in Pulmonary Medicine*, **2003**, 9, 34-41	3	24
56	Human dendritic cells in the severe combined immunodeficiency mouse model: their potentiating role in the allergic reaction. *Laboratory Investigation*, **2000**, 80, 605-14	5.9	23
55	The ORMDL3 asthma susceptibility gene regulates systemic ceramide levels without altering key asthma features in mice. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1648-1659.e9	11.5	22
54	Anti-inflammatory actions of phosphatidylinositol. *European Journal of Immunology*, **2011**, 41, 1047-57	6.1	22
53	Evidence for local dendritic cell activation in pulmonary sarcoidosis. *Respiratory Research*, **2012**, 13, 33	7.3	20
52	Vegf regulates embryonic erythroid development through Gata1 modulation. *Blood*, **2010**, 116, 2141-51	2.2	20
51	Early IL-1 Signaling Promotes iBALT Induction after Influenza Virus Infection. *Frontiers in Immunology*, **2016**, 7, 312	8.4	20

50	A bispecific antibody strategy to target multiple type 2 cytokines in asthma. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1185-1193.e4	11.5	19
49	Engineered 3D microporous gelatin scaffolds to study cell migration. *Chemical Communications*, **2012**, 48, 3512-4	5.8	17
48	Sterilizing Immunity against SARS-CoV-2 Infection in Mice by a Single-Shot and Lipid Amphiphile Imidazoquinoline TLR7/8 Agonist-Adjuvanted Recombinant Spike Protein Vaccine*. *Angewandte Chemie - International Edition*, **2021**, 60, 9467-9473	16.4	17
47	Death at the airway epithelium in asthma. *Cell Research*, **2013**, 23, 588-9	24.7	15
46	Sensitization by intratracheally injected dendritic cells is independent of antigen presentation by host antigen-presenting cells. *Journal of Leukocyte Biology*, **2009**, 85, 64-70	6.5	14
45	How a farming environment protects from atopy. *Current Opinion in Immunology*, **2019**, 60, 163-169	7.8	12
44	A novel method for isolating dendritic cells from human bronchoalveolar lavage fluid. *Journal of Immunological Methods*, **2009**, 351, 13-23	2.5	12
43	Lung dendritic cells: targets for therapy in allergic disease. *Chemical Immunology and Allergy*, **2008**, 94, 189-200		11
42	Co-Activation of Glucocorticoid Receptor and Peroxisome Proliferator-Activated Receptor-δ in Murine Skin Prevents Worsening of Atopic March. *Journal of Investigative Dermatology*, **2018**, 138, 1360-1370	4.3	10
41	Myeloid dendritic cells make it to the top. *Clinical and Experimental Allergy*, **2002**, 32, 805-10	4.1	10
40	Lung dendritic cells: targets for therapy in allergic disease. *Handbook of Experimental Pharmacology* , **2009**, 99-114	3.2	10
39	Role of NKp46 natural killer cells in house dust mite-driven asthma. *EMBO Molecular Medicine*, **2018** , 10,	12	9
38	Myeloid Cells in Asthma. *Microbiology Spectrum*, **2017**, 5,	8.9	8
37	Airway epithelial cell necroptosis contributes to asthma exacerbation in a mouse model of house dust mite-induced allergic inflammation. *Mucosal Immunology*, **2021**, 14, 1160-1171	9.2	8
36	Charcot-Leyden crystals and other protein crystals driving type 2 immunity and allergy. *Current Opinion in Immunology*, **2021**, 72, 72-78	7.8	8
35	GATA1-Deficient Dendritic Cells Display Impaired CCL21-Dependent Migration toward Lymph Nodes Due to Reduced Levels of Polysialic Acid. *Journal of Immunology*, **2016**, 197, 4312-4324	5.3	7
34	CCR2- and Flt3-Dependent Inflammatory Conventional Type 2 Dendritic Cells Are Necessary for the Induction of Adaptive Immunity by the Human Vaccine Adjuvant System AS01. *Frontiers in Immunology*, **2020**, 11, 606805	8.4	7
33	TAO-kinase 3 governs the terminal differentiation of NOTCH2-dependent splenic conventional dendritic cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020** , 117, 31331-31342	11.5	5

32	TAOK3 is a MAP3K contributing to osteoblast differentiation and skeletal mineralization. *Biochemical and Biophysical Research Communications*, **2020**, 531, 497-502	3.4	5
31	Wnt and Hippo pathways in regulatory T cells: a NOTCH above in asthma. *Nature Immunology*, **2020**, 21, 1313-1314	19.1	5
30	Prophylactic allergen immunotherapy with Der p 2 prevents murine asthma by regulating lung GM-CSF. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 2307-2311.e5	11.5	4
29	Osteopontin Promotes Protective Antigenic Tolerance against Experimental Allergic Airway Disease. *Journal of Immunology*, **2018**, 200, 1270-1282	5.3	4
28	Isolation of Conventional Murine Lung Dendritic Cell Subsets. *Current Protocols in Immunology*, **2018**, 120, 3.7B.1-3.7B.16	4	4
27	Flow cytometric sexing of spider sperm reveals an equal sperm production ratio in a female-biased species. *Biology Letters*, **2014**, 10, 20140159	3.6	4
26	Studying the function of dendritic cells in mouse models of asthma. *Methods in Molecular Biology*, **2010**, 595, 331-49	1.4	4
25	Tnfaip3 expression in pulmonary conventional type 1 Langerin-expressing dendritic cells regulates T helper 2-mediated airway inflammation in mice. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 2587-2598	9.3	3
24	Innate immune cells to the help. *Immunity*, **2014**, 40, 313-4	32.3	3
23	Sterilizing Immunity against SARS-CoV-2 Infection in Mice by a Single-Shot and Modified Imidazoquinoline TLR7/8 Agonist-Adjuvanted Recombinant Spike Protein Vaccine **2020**,		3
22	Rbm7 in Structural Cells: A NEAT Way to Control Fibrosis. *Immunity*, **2020**, 52, 429-431	32.3	2
21	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. *Journal of Experimental Medicine*, **2021**, 218,	16.6	2
20	The Generation and Use of Allergen-Specific TCR Transgenic Animals. *Methods in Molecular Biology*, **2018**, 1799, 183-210	1.4	2
19	Dendritic Cells in Inflammatory Disease **2017**, 289-314		1
18	Epithelial Cell Regulation of Immune Responses in the Lung **2015**, 591-603		1
17	Utilisation des r□cepteurs de l□immunit□inn□e par les allergi□es. *Revue Francaise D□allergologie*, **2011**, 51, 130-133	0.2	1
16	ILC3s control airway inflammation by limiting T cell responses to allergens and microbes. *Cell Reports*, **2021**, 37, 110051	10.6	1
15	Lung Dendritic Cells and Pulmonary Defence Mechanisms to Bacteria **2013**, 49-66		1

List of Publications

14	Antigen-Presenting Dendritic Cells **2014**, 215-227		1
13	Emerging Paradigms in Type 2 Immunity.. *Annual Review of Immunology*, **2022**, 40, 443-467	34.7	1
12	Future prospects of translational and clinical eosinophil research **2022**, 253-262		0
11	IRE1 does not affect mucus secretion during allergic asthma development in a house dust mite murine model. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 3546-3549	9.3	0
10	Dendritic Cells and Type 2 Inflammation **2016**, 33-51		
9	Myeloid Cells in Asthma **2017**, 739-757		
8	L'épithélium pulmonaire contrôle la sensibilisation allergique initiée par les cellules dendritiques. *Revue Francaise D'allergologie*, **2012**, 52, 457-461	0.2	
7	Crosstalk between Innate and Adaptive Cells on Allergic Process. *Journal of Allergy*, **2012**, 2012, 720568		
6	Dendritic Cells in Asthma1059-1079		
5	Rôle des différentes populations de cellules dendritiques dans l'asthme allergique. *Revue Francaise D'allergologie Et D'immunologie Clinique*, **2006**, 46, 128-130		
4	IFN-(g)uarding the niche-Keeping ILC2 in check.. *Immunity*, **2022**, 55, 190-192	32.3	
3	Function of Dendritic Cell Subsets in Allergic Disease **2009**, 209-230		
2	Novel Anti-Inflammatory Drugs Based on Targeting Lung Dendritic Cells and Airway Epithelial Cells1-14		
1	Isolation of Conventional Murine Lung Dendritic Cell Subsets. *Methods in Molecular Biology*, **2022**, 237-255	1.4	