Bart N Lambrecht

List of Publications by Year in Descending Order

416 papers	35,132 citations	99 h-index	175 g-index
487 ext. papers	42,033 ext. citations	11.3 avg, IF	7.64 L-index

#	Paper	IF	Citations
416	Future prospects of translational and clinical eosinophil research **2022**, 253-262		0
415	TIM3+ TRBV11-2 T cells and IFN signature in patrolling monocytes and CD16+ NK cells delineate MIS-C.. *Journal of Experimental Medicine*, **2022**, 219,	16.6	9
414	Prospective longitudinal evaluation of hospitalised COVID-19 survivors 3 and 12 months after discharge.. *ERJ Open Research*, **2022**, 8,	3.5	4
413	Emerging Paradigms in Type 2 Immunity.. *Annual Review of Immunology*, **2022**, 40, 443-467	34.7	1
412	Isolation of Conventional Murine Lung Dendritic Cell Subsets. *Methods in Molecular Biology*, **2022**, 237-255	1.4	
411	The state of complement in COVID-19.. *Nature Reviews Immunology*, **2021**,	36.5	20
410	ILC3s control airway inflammation by limiting T cell responses to allergens and microbes. *Cell Reports*, **2021**, 37, 110051	10.6	1
409	Pathophysiological and Clinical Aspects of Chronic Rhinosinusitis: Current Concepts.. *Frontiers in Allergy*, **2021**, 2, 741788	0	2
408	Effect of anti-interleukin drugs in patients with COVID-19 and signs of cytokine release syndrome (COV-AID): a factorial, randomised, controlled trial. *Lancet Respiratory Medicine,the*, **2021**, 9, 1427-1438	35.1	11
407	Surgery in Nasal Polyp Patients: Outcome After a Minimum Observation of 10 Years. *American Journal of Rhinology and Allergy*, **2021**, 35, 449-457	2.4	7
406	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. *Journal of Experimental Medicine*, **2021**, 218,	16.6	2
405	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
404	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*, **2021**, 133, 9553-9559	3.6	0
403	The basic immunology of asthma. *Cell*, **2021**, 184, 1469-1485	56.2	69
402	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
401	RNA viruses in the house dust mite Dermatophagoides pteronyssinus, detection in environmental samples and in commercial allergen extracts used for in vivo diagnosis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 3743-3754	9.3	0
400	Squaric Ester-Based, pH-Degradable Nanogels: Modular Nanocarriers for Safe, Systemic Administration of Toll-like Receptor 7/8 Agonistic Immune Modulators. *Journal of the American Chemical Society*, **2021**, 143, 9872-9883	16.4	8

399	The pharmacology of the prostaglandin D receptor 2 (DP) receptor antagonist, fevipiprant. *Pulmonary Pharmacology and Therapeutics*, **2021**, 68, 102030	3.5	4
398	Coronavirus disease 2019 in patients with inborn errors of immunity: An international study. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 520-531	11.5	142
397	Missing heritability in Bloom syndrome: First report of a deep intronic variant leading to pseudo-exon activation in the BLM gene. *Clinical Genetics*, **2021**, 99, 292-297	4	2
396	Ribosome-Targeting Antibiotics Impair T Cell Effector Function and Ameliorate Autoimmunity by Blocking Mitochondrial Protein Synthesis. *Immunity*, **2021**, 54, 68-83.e6	32.3	25
395	Lipid-Polyglutamate Nanoparticle Vaccine Platform. *ACS Applied Materials & Interfaces*, **2021**, 13, 6011-6022	9.5	11
394	Conceptions of the pathophysiology of happy hypoxemia in COVID-19. *Respiratory Research*, **2021**, 22, 12	7.3	9
393	Local immune response to food antigens drives meal-induced abdominal pain. *Nature*, **2021**, 590, 151-156	50.4	53
392	Lipid Nature and Alkyl Length Influence Lymph Node Accumulation of Lipid-Polyethylene Glycol Amphiphiles. *Advanced Therapeutics*, **2021**, 4, 2100079	4.9	0
391	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. *Cell Reports*, **2021**, 36, 109500	10.6	9
390	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19: A Meta-analysis. *JAMA - Journal of the American Medical Association*, **2021**, 326, 499-518	27.4	154
389	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
388	Charcot-Leyden crystals and other protein crystals driving type 2 immunity and allergy. *Current Opinion in Immunology*, **2021**, 72, 72-78	7.8	8
387	Short-term preoperative protein restriction attenuates vein graft disease via induction of cystathionine □lyase. *Cardiovascular Research*, **2020**, 116, 416-428	9.9	16
386	A randomized, multicentre, open-label phase II proof-of-concept trial investigating the clinical efficacy and safety of the addition of convalescent plasma to the standard of care in patients hospitalized with COVID-19: the Donated Antibodies Working against nCoV (DAWn-Plasma) trial.	2.8	9
385	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
384	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
383	Potent and Prolonged Innate Immune Activation by Enzyme-Responsive Imidazoquinoline TLR7/8 Agonist Prodrug Vesicles. *Journal of the American Chemical Society*, **2020**, 142, 12133-12139	16.4	21
382	Zeb2 drives invasive and microbiota-dependent colon carcinoma.. *Nature Cancer*, **2020**, 1, 620-634	15.4	14

381	Treatment of severely ill COVID-19 patients with anti-interleukin drugs (COV-AID): A structured summary of a study protocol for a randomised controlled trial. *Trials*, **2020**, 21, 468	2.8	44
380	An anti-siglec-8 antibody depletes sputum eosinophils from asthmatic subjects and inhibits lung mast cells. *Clinical and Experimental Allergy*, **2020**, 50, 904-914	4.1	9
379	Sargramostim to treat patients with acute hypoxic respiratory failure due to COVID-19 (SARPAC): A structured summary of a study protocol for a randomised controlled trial. *Trials*, **2020**, 21, 491	2.8	12
378	Rbm7 in Structural Cells: A NEAT Way to Control Fibrosis. *Immunity*, **2020**, 52, 429-431	32.3	2
377	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
376	GATA2 deficiency and haematopoietic stem cell transplantation: challenges for the clinical practitioner. *British Journal of Haematology*, **2020**, 188, 768-773	4.5	15
375	Clarifying the translational potential of B-I09. *Nature Chemical Biology*, **2020**, 16, 1152	11.7	2
374	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
373	Zilucoplan in patients with acute hypoxic respiratory failure due to COVID-19 (ZILU-COV): A structured summary of a study protocol for a randomised controlled trial. *Trials*, **2020**, 21, 934	2.8	10
372	The pathophysiology of happy hypoxemia in COVID-19. *Respiratory Research*, **2020**, 21, 198	7.3	179
371	Case Report: Convalescent Plasma, a Targeted Therapy for Patients with CVID and Severe COVID-19. *Frontiers in Immunology*, **2020**, 11, 596761	8.4	26
370	Adult chronic rhinosinusitis. *Nature Reviews Disease Primers*, **2020**, 6, 86	51.1	37
369	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. *Journal of Experimental Medicine*, **2020**, 217,	16.6	36
368	TAOK3 is a MAP3K contributing to osteoblast differentiation and skeletal mineralization. *Biochemical and Biophysical Research Communications*, **2020**, 531, 497-502	3.4	5
367	Wnt and Hippo pathways in regulatory T cells: a NOTCH above in asthma. *Nature Immunology*, **2020**, 21, 1313-1314	19.1	5
366	The global response to the COVID-19 pandemic: how have immunology societies contributed?. *Nature Reviews Immunology*, **2020**, 20, 594-602	36.5	10
365	Charcot-Leyden crystals promote neutrophilic inflammation in patients with nasal polyposis. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 427-430.e4	11.5	32
364	Human Lung Conventional Dendritic Cells Orchestrate Lymphoid Neogenesis during Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 535-548	10.2	11

363	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
362	Cell surface clicking of antibody-recruiting polymers to metabolically azide-labeled cancer cells. *Chemical Communications*, **2019**, 55, 10952-10955	5.8	13
361	How a farming environment protects from atopy. *Current Opinion in Immunology*, **2019**, 60, 163-169	7.8	12
360	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. *Immunity*, **2019**, 51, 638-654.e9	32.3	184
359	Protein crystallization promotes type 2 immunity and is reversible by antibody treatment. *Science*, **2019**, 364,	33.3	114
358	IL-17-high asthma with features of a psoriasis immunophenotype. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1198-1213	11.5	43
357	The Cytokines of Asthma. *Immunity*, **2019**, 50, 975-991	32.3	340
356	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
355	A Synthetic, Transiently Thermoresponsive Homopolymer with UCST Behaviour within a Physiologically Relevant Window. *Angewandte Chemie - International Edition*, **2019**, 58, 7866-7872	16.4	25
354	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
353	Potent Lymphatic Translocation and Spatial Control Over Innate Immune Activation by Polymer-Lipid Amphiphile Conjugates of Small-Molecule TLR7/8 Agonists. *Angewandte Chemie - International Edition*, **2019**, 58, 15390-15395	16.4	23
352	Amphiphile Polymer-Lipidkonjugate zur potenten lymphatischen Anreicherung von TLR7/8-Agonisten ermöglichen eine örtlich begrenzte Aktivierung des angeborenen Immunsystems. *Angewandte Chemie*, **2019**, 131, 15535-15541	3.6	5
351	The ubiquitin-editing enzyme A20 controls NK cell homeostasis through regulation of mTOR activity and TNF. *Journal of Experimental Medicine*, **2019**, 216, 2010-2023	16.6	11
350	Microbiota-derived peptide mimics drive lethal inflammatory cardiomyopathy. *Science*, **2019**, 366, 881-886	33.3	90
349	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
348	Professional and PAmateurPAntigen-Presenting Cells In Type 2 Immunity. *Trends in Immunology*, **2019**, 40, 22-34	14.4	40
347	FcRI expression and IgE binding by dendritic cells and basophils in allergic rhinitis and upon allergen immunotherapy. *Clinical and Experimental Allergy*, **2018**, 48, 970-980	4.1	23
346	Heart macrophages and dendritic cells in sickness and in health: A tale of a complicated marriage. *Cellular Immunology*, **2018**, 330, 105-113	4.4	14

345	Role of NKp46 natural killer cells in house dust mite-driven asthma. *EMBO Molecular Medicine*, **2018**, 10,	12	9
344	Co-Activation of Glucocorticoid Receptor and Peroxisome Proliferator-Activated Receptor-In Murine Skin Prevents Worsening of Atopic March. *Journal of Investigative Dermatology*, **2018**, 138, 1360-1370	4.3	10
343	Osteopontin Promotes Protective Antigenic Tolerance against Experimental Allergic Airway Disease. *Journal of Immunology*, **2018**, 200, 1270-1282	5.3	4
342	Isolation of Conventional Murine Lung Dendritic Cell Subsets. *Current Protocols in Immunology*, **2018**, 120, 3.7B.1-3.7B.16	4	4
341	Potent anti-viral vaccine adjuvant based on pH-degradable nanogels with covalently linked small molecule imidazoquinoline TLR7/8 agonist. *Biomaterials*, **2018**, 178, 643-651	15.6	37
340	Type III collagen affects dermal and vascular collagen fibrillogenesis and tissue integrity in a mutant Col3a1 transgenic mouse model. *Matrix Biology*, **2018**, 70, 72-83	11.4	33
339	Personalized medicine with biologics for severe type 2 asthma: current status and future prospects. *MAbs*, **2018**, 10, 34-45	6.6	48
338	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
337	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. *Immunity*, **2018**, 49, 312-325.e5	32.3	110
336	FRET Monitoring of Intracellular Ketal Hydrolysis in Synthetic Nanoparticles. *Angewandte Chemie - International Edition*, **2018**, 57, 10760-10764	16.4	31
335	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
334	The hygiene hypothesis: immunological mechanisms of airway tolerance. *Current Opinion in Immunology*, **2018**, 54, 102-108	7.8	31
333	Fster-Resonanzenergietransfer-basierter Nachweis intrazellulr Ketal-Hydrolyse in synthetisch vernetzten Nanopartikeln. *Angewandte Chemie*, **2018**, 130, 10920-10925	3.6	0
332	Isolated Schistosoma mansoni eggs prevent allergic airway inflammation. *Parasite Immunology*, **2018**, 40, e12579	2.2	17
331	The Unfolded Protein Response in the Immune Cell Development: Putting the Caretaker in the Driving Seat. *Current Topics in Microbiology and Immunology*, **2018**, 414, 45-72	3.3	2
330	A pathophysiological role of PDE3 in allergic airway inflammation. *JCI Insight*, **2018**, 3,	9.9	23
329	FcRn is mother milk to allergen tolerance. *Journal of Experimental Medicine*, **2018**, 215, 1-3	16.6	10
328	A Founder Mutation Disrupts NF-B Signaling by Inhibiting BCL10 and MALT1 Recruitment and Signalosome Formation. *Frontiers in Immunology*, **2018**, 9, 2366	8.4	24

327	Stabilization of cytokine mRNAs in iNKT cells requires the serine-threonine kinase IRE1alpha. *Nature Communications*, **2018**, 9, 5340	17.4	8
326	Myocarditis Elicits Dendritic Cell and Monocyte Infiltration in the Heart and Self-Antigen Presentation by Conventional Type 2 Dendritic Cells. *Frontiers in Immunology*, **2018**, 9, 2714	8.4	15
325	Eicosanoid Control Over Antigen Presenting Cells in Asthma. *Frontiers in Immunology*, **2018**, 9, 2006	8.4	13
324	Nanoparticle-Conjugate TLR7/8 Agonist Localized Immunotherapy Provokes Safe Antitumoral Responses. *Advanced Materials*, **2018**, 30, e1803397	24	75
323	Lymph-Node-Targeted Immune Activation by Engineered Block Copolymer Amphiphiles-TLR7/8 Agonist Conjugates. *Journal of the American Chemical Society*, **2018**, 140, 14300-14307	16.4	37
322	The emerging role of ADAM metalloproteinases in immunity. *Nature Reviews Immunology*, **2018**, 18, 745-758	36.9	92
321	Characterization of a lung epithelium specific E-cadherin knock-out model: Implications for obstructive lung pathology. *Scientific Reports*, **2018**, 8, 13275	4.9	25
320	KIRA1 and ORESARA1 terminate flower receptivity by promoting cell death in the stigma of Arabidopsis. *Nature Plants*, **2018**, 4, 365-375	11.5	33
319	Antigen presentation unfolded: identifying convergence points between the UPR and antigen presentation pathways. *Current Opinion in Immunology*, **2018**, 52, 100-107	7.8	21
318	The Generation and Use of Allergen-Specific TCR Transgenic Animals. *Methods in Molecular Biology*, **2018**, 1799, 183-210	1.4	2
317	Hyaluronic Acid Conjugates of TLR7/8 Agonists for Targeted Delivery to Secondary Lymphoid Tissue. *Bioconjugate Chemistry*, **2018**, 29, 2741-2754	6.3	18
316	Murine Models of Allergic Asthma. *Methods in Molecular Biology*, **2017**, 1559, 121-136	1.4	38
315	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
314	Reliable mite-specific IgE testing in nasal secretions by means of allergen microarray. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 301-303.e8	11.5	14
313	The immunophenotypic fingerprint of patients with primary antibody deficiencies is partially present in their asymptomatic first-degree relatives. *Haematologica*, **2017**, 102, 192-202	6.6	7
312	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 388-399	11.5	103
311	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
310	Myeloid Cells in Asthma. *Microbiology Spectrum*, **2017**, 5,	8.9	8

309	Development of conventional dendritic cells: from common bone marrow progenitors to multiple subsets in peripheral tissues. *Mucosal Immunology*, **2017**, 10, 831-844	9.2	82
308	Probiotics-impregnated bedding covers for house dust mite allergic rhinitis: A pilot randomized clinical trial. *Clinical and Experimental Allergy*, **2017**, 47, 1092-1096	4.1	9
307	Regulated IRE1-dependent mRNA decay sets the threshold for dendritic cell survival. *Nature Cell Biology*, **2017**, 19, 698-710	23.4	61
306	Epitope mapping and kinetics of CD4 T cell immunity to pneumonia virus of mice in the C57BL/6 strain. *Scientific Reports*, **2017**, 7, 3472	4.9	1
305	Structure and antagonism of the receptor complex mediated by human TSLP in allergy and asthma. *Nature Communications*, **2017**, 8, 14937	17.4	76
304	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. *Cell Reports* , **2017**, 18, 3005-3017	10.6	64
303	PPAR-□promotes type 2 immune responses in allergy and nematode infection. *Science Immunology*, **2017**, 2,	28	47
302	Location, function, and ontogeny of pulmonary macrophages during the steady state. *Pflugers Archiv European Journal of Physiology*, **2017**, 469, 561-572	4.6	39
301	Bacteria isolated from lung modulate asthma susceptibility in mice. *ISME Journal*, **2017**, 11, 1061-1074	11.9	53
300	Haematopoietic prolyl hydroxylase-1 deficiency promotes M2 macrophage polarization and is both necessary and sufficient to protect against experimental colitis. *Journal of Pathology*, **2017**, 241, 547-558	9.4	21
299	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
298	Computational analysis of multimorbidity between asthma, eczema and rhinitis. *PLoS ONE*, **2017**, 12, e0179125	3.7	26
297	Response to Orlova et al. "Science not art: statistically sound methods for identifying subsets in multi-dimensional flow and mass cytometry data sets". *Nature Reviews Immunology*, **2017**, 18, 78	36.5	5
296	The immunology of the allergy epidemic and the hygiene hypothesis. *Nature Immunology*, **2017**, 18, 1076-1083	19.1	195
295	Mitochondrial Priming by CD28. *Cell*, **2017**, 171, 385-397.e11	56.2	144
294	Cellular and molecular synergy in AS01-adjuvanted vaccines results in an early IFN□response promoting vaccine immunogenicity. *Npj Vaccines*, **2017**, 2, 25	9.5	97
293	Opposing regulation and roles for PHD3 in lung dendritic cells and alveolar macrophages. *Journal of Leukocyte Biology*, **2017**, 102, 1115-1126	6.5	5
292	IL-21 Is Increased in Nasal Polyposis and after Stimulation with Staphylococcus aureus Enterotoxin B. *International Archives of Allergy and Immunology*, **2017**, 174, 161-169	3.7	11

291	TGF-□Gives an Air of Exclusivity to Alveolar Macrophages. *Immunity*, **2017**, 47, 807-809	32.3	5
290	Early-onset primary antibody deficiency resembling common variable immunodeficiency challenges the diagnosis of Wiedeman-Steiner and Roifman syndromes. *Scientific Reports*, **2017**, 7, 3702	4.9	22
289	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
288	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
287	Effects of domestic chemical stressors on expression of allergen genes in the European house dust mite. *Medical and Veterinary Entomology*, **2017**, 31, 97-101	2.4	4
286	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
285	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1797-1807	11.5	163
284	Dendritic Cells in Inflammatory Disease **2017**, 289-314		1
283	Myeloid Cells in Asthma **2017**, 739-757		
282	Double-negative T resident memory cells of the lung react to influenza virus infection via CD11c(hi) dendritic cells. *Mucosal Immunology*, **2016**, 9, 999-1014	9.2	18
281	NKT sublineage specification and survival requires the ubiquitin-modifying enzyme TNFAIP3/A20. *Journal of Experimental Medicine*, **2016**, 213, 1973-81	16.6	25
280	Cholesterol-sensing liver X receptors stimulate Th2-driven allergic eosinophilic asthma in mice. *Immunity, Inflammation and Disease*, **2016**, 4, 350-61	2.4	14
279	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. *Immunity*, **2016**, 45, 626-640	32.3	157
278	ORMDL3 expression levels have no influence on the activity of serine palmitoyltransferase. *FASEB Journal*, **2016**, 30, 4289-4300	0.9	20
277	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. *Immunity* , **2016**, 45, 669-684	32.3	474
276	Conventional Dendritic Cells: Identification, Subsets, Development, and Functions **2016**, 374-383		
275	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
274	Dual anti-idiotypic purification of a novel, native-format biparatopic anti-MET antibody with improved in vitro and in vivo efficacy. *Scientific Reports*, **2016**, 6, 31621	4.9	14

273	Computational flow cytometry: helping to make sense of high-dimensional immunology data. *Nature Reviews Immunology*, **2016**, 16, 449-62	36.5	278
272	-Glucan exacerbates allergic airway responses to house dust mite allergen. *Respiratory Research*, **2016**, 17, 35	7.3	9
271	Dendritic Cells and Type 2 Inflammation **2016**, 33-51		
270	A New aDENNDum to Genetics of Childhood Asthma. *Cell*, **2016**, 164, 11-13	56.2	2
269	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. *Immunity*, **2016**, 44, 755-68	32.3	334
268	Chronic and Invasive Fungal Infections in a Family with CARD9 Deficiency. *Journal of Clinical Immunology*, **2016**, 36, 204-9	5.7	60
267	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. *Nature Communications*, **2016**, 7, 10321	17.4	404
266	A Generic Polymer-Protein Ligation Strategy for Vaccine Delivery. *Biomacromolecules*, **2016**, 17, 874-81	6.9	9
265	Uric acid is released in the brain during seizure activity and increases severity of seizures in a mouse model for acute limbic seizures. *Experimental Neurology*, **2016**, 277, 244-251	5.7	9
264	GM-CSF treatment prevents respiratory syncytial virus-induced pulmonary exacerbation responses in postallergic mice by stimulating alveolar macrophage maturation. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 700-9.e9	11.5	11
263	Spontaneous Protein Adsorption on Graphene Oxide Nanosheets Allowing Efficient Intracellular Vaccine Protein Delivery. *ACS Applied Materials & Interfaces*, **2016**, 8, 1147-55	9.5	76
262	Early IL-1 Signaling Promotes iBALT Induction after Influenza Virus Infection. *Frontiers in Immunology*, **2016**, 7, 312	8.4	20
261	A20 Deficiency in Lung Epithelial Cells Protects against Influenza A Virus Infection. *PLoS Pathogens*, **2016**, 12, e1005410	7.6	38
260	pH-degradable imidazoquinoline-ligated nanogels for lymph node-focused immune activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 8098-103	11.5	126
259	Mouse Models of´Asthma. *Current Protocols in Mouse Biology*, **2016**, 6, 169-184	1.1	42
258	Macrophage precursors PLASTed INto alveolar space. *Blood*, **2016**, 128, 2750-2752	2.2	1
257	Perinatal Activation of the Interleukin-33 Pathway Promotes Type 2 Immunity in the Developing Lung. *Immunity*, **2016**, 45, 1285-1298	32.3	187
256	Genes associated with common variable immunodeficiency: one diagnosis to rule them all?. *Journal of Medical Genetics*, **2016**, 53, 575-90	5.8	166

255	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. *Clinical and Translational Allergy*, **2016**, 6, 47	5.2	95
254	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. *Immunity*, **2016**, 44, 860-74	32.3	91
253	The transcription factor Zeb2 regulates development of conventional and plasmacytoid DCs by repressing Id2. *Journal of Experimental Medicine*, **2016**, 213, 897-911	16.6	84
252	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 367-374.e2	11.5	95
251	A benchmark for evaluation of algorithms for identification of cellular correlates of clinical outcomes. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2016**, 89, 16-21	4.6	51
250	FloReMi: Flow density survival regression using minimal feature redundancy. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2016**, 89, 22-9	4.6	28
249	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
248	Modulation of the unfolded protein response impedes tumor cell adaptation to proteotoxic stress: a PERK for hepatocellular carcinoma therapy. *Hepatology International*, **2015**, 9, 93-104	8.8	41
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4	SCORPIUS improves trajectory inference and identifies novel modules in dendritic cell development		40

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3	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation	2
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1	Infections and Asthma Pathogenesis: A Critical Role for Dendritic Cells?. *Novartis Foundation Symposium*,187-205	2