

# Catherine Hawrylowicz

## List of Publications by Year in descending order

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Version: 2024-02-01

127  
papers

10,672  
citations

44069

48  
h-index

31849

101  
g-index

132  
all docs

132  
docs citations

132  
times ranked

11521  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A Mutation in the Interferon- $\gamma$ Receptor Gene and Susceptibility to Mycobacterial Infection. <i>New England Journal of Medicine</i> , 1996, 335, 1941-1949.  | 27.0 | 1,124     |
| 2  | In Vitro Generation of Interleukin 10-producing Regulatory CD4+ T Cells Is Induced by Immunosuppressive Drugs and Inhibited by T Helper Type 1 (Th1) and Th2-inducing Cytokines. <i>Journal of Experimental Medicine</i> , 2002, 195, 603-616.          | 8.5  | 1,069     |
| 3  | Potential role of interleukin-10-secreting regulatory T cells in allergy and asthma. <i>Nature Reviews Immunology</i> , 2005, 5, 271-283.   | 22.7 | 598       |
| 4  | Reversing the defective induction of IL-10-secreting regulatory T cells in glucocorticoid-resistant asthma patients. <i>Journal of Clinical Investigation</i> , 2005, 116, 146-155.   | 8.2  | 511       |
| 5  | Strategies for use of IL-10 or its antagonists in human disease. <i>Immunological Reviews</i> , 2008, 223, 114-131.   | 6.0  | 383       |
| 6  | Effect of Prenatal Supplementation With Vitamin D on Asthma or Recurrent Wheezing in Offspring by Age 3 Years. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 362.  | 7.4  | 351       |
| 7  | Air pollution and its effects on the immune system. <i>Free Radical Biology and Medicine</i> , 2020, 151, 56-68.  | 2.9  | 326       |
| 8  | Regulatory T Cells in Asthma. <i>Immunity</i> , 2009, 31, 438-449.  | 14.3 | 314       |
| 9  | Relationship between Serum Vitamin D, Disease Severity, and Airway Remodeling in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1342-1349.  | 5.6  | 284       |
| 10 | Leflunomide Inhibits Pyrimidine de Novo Synthesis in Mitogen-stimulated T-lymphocytes from Healthy Humans. <i>Journal of Biological Chemistry</i> , 1998, 273, 21682-21691.   | 3.4  | 233       |
| 11 | T helper cell subsets require the expression of distinct costimulatory signals by antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 8181-8185.                               | 7.1  | 212       |
| 12 | Platelet-derived interleukin 1 induces human endothelial adhesion molecule expression and cytokine production. <i>Journal of Experimental Medicine</i> , 1991, 174, 785-790.  | 8.5  | 210       |
| 13 | Vitamin D 3 supplementation in patients with chronic obstructive pulmonary disease (ViDiCO): a multicentre, double-blind, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2015, 3, 120-130.   | 10.7 | 186       |
| 14 | The Impact of Vitamin D on Regulatory T Cells. <i>Current Allergy and Asthma Reports</i> , 2011, 11, 29-36.   | 5.3  | 182       |
| 15 | The role of 1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> and cytokines in the promotion of distinct Foxp3 <sup>+</sup> and IL-10 <sup>+</sup> CD <sub>4</sub> <sup>+</sup> T cells. <i>European Journal of Immunology</i> , 2012, 42, 2697-2708.      | 2.9  | 170       |
| 16 | Distinct endotypes of steroid-resistant asthma characterized by IL-17A <sup>high</sup> and IFN- $\gamma$ <sup>high</sup> immunophenotypes: Potential benefits of calcitriol. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 628-637.e4. | 2.9  | 170       |
| 17 | Enhanced production of IL-17A in patients with severe asthma is inhibited by 1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> in a glucocorticoid-independent fashion. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 297-304.e3.         | 2.9  | 159       |
| 18 | Ligation of TLR9 induced on human IL-10-secreting Tregs by 1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> abrogates regulatory function. <i>Journal of Clinical Investigation</i> , 2009, 119, 387-98.  | 8.2  | 158       |

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|----|--|-----|-----------|
| 19 | Regulatory T cells and IL-10 in allergic inflammation. <i>Journal of Experimental Medicine</i> , 2005, 202, 1459-1463.   | 8.5 | 153       |
| 20 | Regulatory T cells, inflammation and the allergic response—The role of glucocorticoids and Vitamin D. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 120, 86-95.                                     | 2.5 | 128       |
| 21 | Glucocorticoids drive human CD8+ T cell differentiation towards a phenotype with high IL-10 and reduced IL-4, IL-5 and IL-13 production. <i>European Journal of Immunology</i> , 2000, 30, 2344-2354.                      | 2.9 | 122       |
| 22 | Vitamin D, the immune system and asthma. <i>Expert Review of Clinical Immunology</i> , 2009, 5, 693-702.   | 3.0 | 119       |
| 23 | A defect in corticosteroid-induced IL-10 production in T lymphocytes from corticosteroid-resistant asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, 369.                                 | 2.9 | 117       |
| 24 | Regulatory T cells in human disease and their potential for therapeutic manipulation. <i>Immunology</i> , 2006, 118, 1-9.  | 4.4 | 114       |
| 25 | Interleukin-10—“Secreting” Regulatory T Cells Induced by Glucocorticoids and $\text{IL-2}$ -Agonists. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 33, 105-111.                               | 2.9 | 100       |
| 26 | Double-blind randomised placebo-controlled trial of bolus-dose vitamin D <sub>3</sub> supplementation in adults with asthma (ViDiAs). <i>Thorax</i> , 2015, 70, 451-457.   | 5.6 | 99        |
| 27 | Vitamin D in Asthma. <i>Chest</i> , 2018, 153, 1229-1239.  | 0.8 | 96        |
| 28 | Activated platelets express IL-1 activity. <i>Journal of Immunology</i> , 1989, 143, 4015-8.   | 0.8 | 94        |
| 29 | Methotrexate inhibits the first committed step of purine biosynthesis in mitogen-stimulated human T-lymphocytes: a metabolic basis for efficacy in rheumatoid arthritis?. <i>Biochemical Journal</i> , 1999, 342, 143-152. | 3.7 | 91        |
| 30 | Vitamin D deficiency induces T <sub>H</sub> 2 skewing and eosinophilia in neonatal allergic airways disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1380-1389.                    | 5.7 | 90        |
| 31 | Vitamin D supplementation during pregnancy: Effect on the neonatal immune system in a randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 269-278.e1.                              | 2.9 | 82        |
| 32 | Defective IL-10 expression and in vitro steroid-induced IL-17A in paediatric severe therapy-resistant asthma. <i>Thorax</i> , 2014, 69, 508-515.   | 5.6 | 80        |
| 33 | Vitamin D and lung disease. <i>Thorax</i> , 2012, 67, 1018-1020.   | 5.6 | 79        |
| 34 | Interleukin 7 is a growth factor for mature human T cells. <i>European Journal of Immunology</i> , 1990, 20, 425-428.  | 2.9 | 74        |
| 35 | Menopausal hormone therapy and women’s health: An umbrella review. <i>PLoS Medicine</i> , 2021, 18, e1003731.  | 8.4 | 74        |
| 36 | Vitamin D and Asthma in Children. <i>Paediatric Respiratory Reviews</i> , 2012, 13, 236-243.   | 1.8 | 72        |

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|----|---|-----|-----------|
| 37 | Cell-cycle control in lymphocyte stimulation. Trends in Immunology, 1984, 5, 15-19.   | 7.5 | 71        |
| 38 | The glucocorticoid receptor $\hat{I}^2$ isoform can mediate transcriptional repression by recruiting histone deacetylases. Journal of Allergy and Clinical Immunology, 2008, 121, 203-208.e1.   | 2.9 | 70        |
| 39 | Repression of Interleukin-5 Transcription by the Glucocorticoid Receptor Targets GATA3 Signaling and Involves Histone Deacetylase Recruitment. Journal of Biological Chemistry, 2005, 280, 23243-23250.   | 3.4 | 66        |
| 40 | Effects of vitamin D on inflammatory and oxidative stress responses of human bronchial epithelial cells exposed to particulate matter. PLoS ONE, 2018, 13, e0200040.  | 2.5 | 64        |
| 41 | Interleukin 10 inhibits pro-inflammatory cytokine responses and killing of Burkholderia pseudomallei. Scientific Reports, 2017, 7, 42791.   | 3.3 | 63        |
| 42 | T regulatory cells and the control of allergic disease. Expert Opinion on Biological Therapy, 2006, 6, 121-133.   | 3.1 | 62        |
| 43 | 1,25-dihydroxyvitamin D3 in combination with transforming growth factor $\hat{I}^2$ increases the frequency of Foxp3 <sup>+</sup> regulatory T cells through preferential expansion and usage of interleukin-2. Immunology, 2014, 143, 52-60.     | 4.4 | 62        |
| 44 | A randomized placebo-controlled trial of rush preseasonal depigmented polymerized grass pollen immunotherapy*. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 272-279.   | 5.7 | 59        |
| 45 | Immunoregulatory mechanisms of vitamin D relevant to respiratory health and asthma. Annals of the New York Academy of Sciences, 2014, 1317, 57-69.  | 3.8 | 58        |
| 46 | Regulatory T cells in bronchial asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 335-347.  | 5.7 | 55        |
| 47 | Urban Particulate Matter-Activated Human Dendritic Cells Induce the Expansion of Potent Inflammatory Th1, Th2, and Th17 Effector Cells. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 250-262.                            | 2.9 | 53        |
| 48 | Activin-A co-opts IRF4 and AhR signaling to induce human regulatory T cells that restrain asthmatic responses. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2891-E2900.                           | 7.1 | 52        |
| 49 | Activation and proliferation signals in mouse B cells I. A comparison of the capacity of anti-Ig antibodies or phorbol myristic acetate to activate B cells from CBA/N or normal mice into G1. European Journal of Immunology, 1984, 14, 244-250. | 2.9 | 51        |
| 50 | Serum 25-dihydroxyvitamin D levels correlate with CD4 <sup>+</sup> Foxp3 <sup>+</sup> T-cell numbers in moderate/severe asthma. Journal of Allergy and Clinical Immunology, 2012, 130, 542-544.   | 2.9 | 49        |
| 51 | Vitamin D enhances production of soluble ST2, inhibiting the action of IL-33. Journal of Allergy and Clinical Immunology, 2015, 135, 824-827.e3.  | 2.9 | 49        |
| 52 | Addressing unmet needs in understanding asthma mechanisms. European Respiratory Journal, 2017, 49, 1602448.   | 6.7 | 47        |
| 53 | Activation and proliferation signals in mouse B cells. III. Intact (IGG) anti-immunoglobulin antibodies activate B cells but inhibit induction of DNA synthesis. Immunology, 1984, 53, 693-701.   | 4.4 | 45        |
| 54 | Activation and proliferation signals in mouse B cells II. Evidence for activation (G0 to G1) signals differing in sensitivity to cyclosporine. European Journal of Immunology, 1984, 14, 250-254.   | 2.9 | 44        |

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|----|---|-----|-----------|
| 55 | MYCOPHENOLIC ACID-INDUCED GTP DEPLETION ALSO AFFECTS ATP AND PYRIMIDINE SYNTHESIS IN MITOGEN-STIMULATED PRIMARY HUMAN T-LYMPHOCYTES1. <i>Transplantation</i> , 2000, 69, 890-897.   | 1.0 | 42        |
| 56 | CXCR4 expression on monocytes is up-regulated by dexamethasone and is modulated by autologous CD3+ T cells. <i>Immunology</i> , 2002, 105, 155-162.   | 4.4 | 40        |
| 57 | Dexamethasone up-regulates granulocyte-macrophage colony-stimulating factor receptor expression on human monocytes. <i>Immunology</i> , 1994, 83, 274-80.   | 4.4 | 39        |
| 58 | Regulatory T cell therapy as individualized medicine for asthma and allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2007, 7, 535-541.  | 2.3 | 37        |
| 59 | Regulation of antigen-presentation-I. IFN-gamma induces antigen-presenting properties on B cells. <i>Journal of Immunology</i> , 1988, 141, 4083-8.   | 0.8 | 37        |
| 60 | Vitamin D and Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 739-740.   | 5.6 | 35        |
| 61 | Functional plasticity of human respiratory tract dendritic cells: GM-CSF enhances TH2 development. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1136-1143.  | 2.9 | 33        |
| 62 | Interleukin-10-Secreting regulatory T cells in allergy and asthma. <i>Current Allergy and Asthma Reports</i> , 2006, 6, 363-371.  | 5.3 | 33        |
| 63 | Activation and proliferation signals in mouse B cells. IV. Concanavalin A stimulates B cells to leave G0, but not to proliferate. <i>Immunology</i> , 1984, 53, 703-11.   | 4.4 | 31        |
| 64 | Depressed spontaneous natural killing and interferon augmentation in patients with malignant lymphoma. <i>European Journal of Cancer &amp; Clinical Oncology</i> , 1982, 18, 1081-1088.   | 0.7 | 30        |
| 65 | Methotrexate inhibits the first committed step of purine biosynthesis in mitogen-stimulated human T-lymphocytes: a metabolic basis for efficacy in rheumatoid arthritis?. <i>Biochemical Journal</i> , 1999, 342, 143.                            | 3.7 | 30        |
| 66 | Impaired secretion of interleukin-4 and interleukin-13 by allergen-specific T cells correlates with defective nuclear expression of NF-AT2 and jun B: relevance to immunotherapy. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1209-1215. | 2.9 | 30        |
| 67 | Vitamin D Influences Asthmatic Pathology through Its Action on Diverse Immunological Pathways. <i>Annals of the American Thoracic Society</i> , 2014, 11, S314-S321.  | 3.2 | 30        |
| 68 | Plasmacytoid Dendritic Cells from Human Lung Cancer Draining Lymph Nodes Induce Tc1 Responses. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 360-367.   | 2.9 | 29        |
| 69 | The effects of calcitriol treatment in glucocorticoid-resistant asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1755-1757.e4.  | 2.9 | 29        |
| 70 | Vitamin D Counteracts an IL-23-Dependent IL-17A/IFN- $\gamma$ Response Driven by Urban Particulate Matter. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 355-366.   | 2.9 | 29        |
| 71 | Urban particulate matter stimulation of human dendritic cells enhances priming of naive CD8 T lymphocytes. <i>Immunology</i> , 2018, 153, 502-512.  | 4.4 | 28        |
| 72 | Vitamin D (1,25(OH)2D3) induces $\alpha$ -1-antitrypsin synthesis by CD4+ T cells, which is required for 1,25(OH)2D3-driven IL-10. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 189, 1-9.                                 | 2.5 | 28        |

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|----|---|-----------|-----------|
| 73 | 1 $\alpha$ ,25-Dihydroxyvitamin D3 promotes CD200 expression by human peripheral and airway-resident T cells. <i>Thorax</i> , 2012, 67, 574-581.  | 5.6       | 26        |
| 74 | Comprehensive genetic assessment of a functional TLR9 promoter polymorphism: no replicable association with asthma or asthma-related phenotypes. <i>BMC Medical Genetics</i> , 2011, 12, 26.  | 2.1       | 25        |
| 75 | Inhibition of human T-cell responses to house dust mite allergens by a T-cell receptor peptide. <i>Journal of Allergy and Clinical Immunology</i> , 1994, 94, 844-852.  | 2.9       | 24        |
| 76 | Effects of tumour promoter phorbol myristate acetate on mouse lymphocytes: selective inhibition of B cell activation by mitogens and antigens. <i>Immunology</i> , 1984, 51, 327-32.  | 4.4       | 24        |
| 77 | Regulation of major histocompatibility complex class II antigens on human alveolar macrophages by granulocyte-macrophage colony-stimulating factor in the presence of glucocorticoids. <i>Immunology</i> , 1999, 98, 104-110.                                 | 4.4       | 23        |
| 78 | T cells producing the anti-inflammatory cytokine IL-10 regulate allergen-specific Th2 responses in human airways. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 1007-1013.  | 5.7       | 23        |
| 79 | Urban Particulate Matter Suppresses Priming of T Helper Type 1 Cells by Granulocyte/Macrophage Colony-Stimulating Factor-Activated Human Dendritic Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 281-291.              | 2.9       | 23        |
| 80 | Synergism of glucocorticoids with granulocyte macrophage colony stimulating factor (GM-CSF) but not interferon gamma (IFN- $\gamma$ ) or interleukin-4 (IL-4) on induction of HLA class II expression on human monocytes. <i>Cytokine</i> , 1992, 4, 287-297. | 3.2       | 22        |
| 81 | Methotrexate inhibits the first committed step of purine biosynthesis in mitogen-stimulated human T-lymphocytes: a metabolic basis for efficacy in rheumatoid arthritis?. <i>Biochemical Journal</i> , 1999, 342 ( Pt 1), 178-184.                            | 10.784314 | 21        |
| 82 | A comparative phase 1 clinical trial to identify anti-infective mechanisms of vitamin D in people with HIV infection. <i>Aids</i> , 2015, 29, 1127-1135.  | 2.2       | 21        |
| 83 | 1 $\alpha$ ,25-dihydroxyvitamin D3 acts via transforming growth factor- $\beta$ to upregulate expression of immunosuppressive CD73 on human CD4 <sup>+</sup> Foxp3 <sup>+</sup> T cells. <i>Immunology</i> , 2015, 146, 423-431.                              | 4.4       | 20        |
| 84 | Hormone replacement therapy and asthma onset in menopausal women: National cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1662-1670.  | 2.9       | 20        |
| 85 | Activation and proliferation signals in mouse B cells. VI. Anti-Ig antibodies induce dose-dependent cell cycle progression in B cells. <i>Immunology</i> , 1985, 55, 411-8.   | 4.4       | 19        |
| 86 | Asthma and allergy: The early beginnings. <i>Nature Medicine</i> , 2010, 16, 274-275.   | 30.7      | 18        |
| 87 | High-Dose IL-2 Skews a Glucocorticoid-Driven IL-17+IL-10+ Memory CD4+ T Cell Response towards a Single IL-10-Producing Phenotype. <i>Journal of Immunology</i> , 2019, 202, 684-693.  | 0.8       | 18        |
| 88 | Hormonal contraception and the risk of severe asthma exacerbation: 17-year population-based cohort study. <i>Thorax</i> , 2021, 76, 109-115.  | 5.6       | 18        |
| 89 | Viewpoint: A Potential Role for Platelet Derived Cytokines in the Inflammatory Response. <i>Platelets</i> , 1993, 4, 1-10.  | 2.3       | 17        |
| 90 | Role of cysteinyl leukotrienes in human allergen-specific Th2 responses induced by granulocyte macrophage colony stimulating factor. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 168-175.                                 | 5.7       | 17        |

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|-----|--|-----|-----------|
| 91  | Vitamin D binding protein and asthma severity in children. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1669-1671.   | 2.9 | 15        |
| 92  | Vitamin D: can the sun stop the atopic epidemic?. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2020, 20, 181-187.   | 2.3 | 15        |
| 93  | Hormonal contraceptives and onset of asthma in reproductive-age women: Population-based cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 438-446.  | 2.9 | 15        |
| 94  | Counter regulation of the high affinity IgE receptor, Fc $\mu$ RI, on human airway dendritic cells by IL $\epsilon$ 4 and IL $\epsilon$ 10. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1602-1607.         | 5.7 | 14        |
| 95  | GM-CSF increases the ability of cultured macrophages to support autologous CD4+ T-cell proliferation in response to <i>Dermatophagoides pteronyssinus</i> and PPD antigen. <i>Immunology</i> , 1997, 92, 123-130.                              | 4.4 | 13        |
| 96  | A novel technique to explore the functions of bronchial mucosal T cells in chronic obstructive pulmonary disease: application to cytotoxicity and cytokine immunoreactivity. <i>Clinical and Experimental Immunology</i> , 2010, 161, 560-569. | 2.6 | 13        |
| 97  | A direct role for vitamin D-binding protein in the pathogenesis of COPD?. <i>Thorax</i> , 2011, 66, 189-190.   | 5.6 | 12        |
| 98  | Effects of vitamin D supplementation on circulating concentrations of growth factors and immune-mediators in healthy women during pregnancy. <i>Pediatric Research</i> , 2021, 89, 554-562.  | 2.3 | 12        |
| 99  | Hormone Replacement Therapy and Risk of Severe Asthma Exacerbation in Perimenopausal and Postmenopausal Women: 17-Year National Cohort Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2751-2760.e1.          | 3.8 | 12        |
| 100 | Synergy between dexamethasone and interleukin-5 for the induction of major histocompatibility complex class II expression by human peripheral blood eosinophils. <i>Blood</i> , 1994, 84, 2733-40.   | 1.4 | 12        |
| 101 | ASTHMA " comparing the impact of vitamin D versus UVR on clinical and immune parameters. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 399-410.  | 2.9 | 10        |
| 102 | Dendritic cell phenotype in severe asthma reflects clinical responsiveness to glucocorticoids. <i>Clinical and Experimental Allergy</i> , 2018, 48, 13-22.   | 2.9 | 9         |
| 103 | Depigmented-polymerised allergoids favour regulatory over effector T cells: enhancement by 1 $\pm$ , 25-dihydroxyvitamin D3. <i>BMC Immunology</i> , 2014, 15, 21.   | 2.2 | 8         |
| 104 | Biphasic activation of complement and fibrinolysis during the human nasal allergic response. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1892-1895.e6.  | 2.9 | 8         |
| 105 | Regulation of antigen presentation. II. Anti-Ig and IL-2 induce IL-1 production by murine splenic B cells. <i>Journal of Immunology</i> , 1989, 142, 3361-8.   | 0.8 | 8         |
| 106 | Targeting the dendritic cell: the key to immunotherapy in cancer?. <i>Clinical and Experimental Immunology</i> , 2005, 139, 395-397.   | 2.6 | 7         |
| 107 | Exogenous sex steroid hormones and asthma in females: protocol for a population-based retrospective cohort study using a UK primary care database. <i>BMJ Open</i> , 2018, 8, e020075.   | 1.9 | 7         |
| 108 | T-cell receptor peptides that inhibit the T-cell response to allergen induce transforming growth factor- $\beta$ production. <i>Journal of Allergy and Clinical Immunology</i> , 1996, 97, 707-709.  | 2.9 | 6         |

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|-----|---|------|-----------|
| 109 | The Hidden Burden of Severe Asthma: From Patient Perspective to New Opportunities for Clinicians. <i>Journal of Clinical Medicine</i> , 2020, 9, 2397.  | 2.4  | 6         |
| 110 | The Induction of Alpha-1 Antitrypsin by Vitamin D in Human T Cells Is TGF- $\beta$ 2 Dependent: A Proposed Anti-inflammatory Role in Airway Disease. <i>Frontiers in Nutrition</i> , 2021, 8, 667203.           | 3.7  | 6         |
| 111 | Vitamin D3 in inflammatory airway disease and immunosuppression. <i>Drug Discovery Today Disease Mechanisms</i> , 2006, 3, 91-97.   | 0.8  | 5         |
| 112 | Human spleen cells mediating natural killing: Altered natural cytotoxicity of spleen effector cells from patients with carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 1983, 106, 202-209. | 2.5  | 4         |
| 113 | Allergens TRP a swITCH to Initiate Type 2 Immunity. <i>Immunity</i> , 2020, 53, 900-902.  | 14.3 | 4         |
| 114 | Biology of Lymphocytes. , 2014, , 203-214.  |      | 4         |
| 115 | Dendritic cells from HIV-1-infected patients naturally express HIV-1 gp120 V3 loop-derived peptide ligands. <i>European Journal of Immunology</i> , 1998, 28, 3144-3153.  | 2.9  | 3         |
| 116 | Glucocorticoid-resistant asthma. <i>Clinical and Experimental Allergy Reviews</i> , 2004, 4, 200-204.   | 0.3  | 2         |
| 117 | Vitamin D and Adaptive Immunology in Health and Disease. , 2018, , 937-949.   |      | 2         |
| 118 | Dendritic Cells, Macrophages and Monocytes in Allergic Disease. , 2009, , 195-207.  |      | 1         |
| 119 | Glucocorticosteroids Are Potential Confounders in Studies of Vitamin D and Asthma: Reply. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1245-1246.                             | 5.6  | 1         |
| 120 | The Effect of Vitamin D Supplementation on Mucosal IL-5, MMP9 and Cathelicidin after Nasal Allergen Challenge with Grass Pollen. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB73.           | 2.9  | 1         |
| 121 | Monocytes and macrophages - friend or foe?. <i>Clinical and Experimental Allergy Reviews</i> , 2001, 1, 85-88.  | 0.3  | 0         |
| 122 | Discussion session II: Inflammation. <i>Clinical and Experimental Allergy Reviews</i> , 2001, 1, 96-101.  | 0.3  | 0         |
| 123 | Vitamin D and Regulatory T Cells. , 2012, , 85-101.   |      | 0         |
| 124 | ActivinA is upregulated in severe asthma, attenuates allergic responses and is associated with angiogenesis. <i>Clinical and Translational Allergy</i> , 2013, 3, O4.   | 3.2  | 0         |
| 125 | Developments in the field of allergy in 2013 through the eyes of <i>Clinical and Experimental Allergy</i> . <i>Clinical and Experimental Allergy</i> , 2014, 44, 1436-1457.                                     | 2.9  | 0         |
| 126 | Regulatory T Cells in Allergic Disease. , 2008, , 355-378.  |      | 0         |



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|-----|---|----|-----------|
| 127 | T Cells in Allergic Disease. , 2009, , 135-149. |    | 0         |