Deborah H Strickland

List of Publications by Year
in descending order

78	3,593	172457 29	138484 58
papers	citations	h-index	g-index

85	85	85	4537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of immunological homeostasis in the respiratory tract. Nature Reviews Immunology, 2008, 8, 142-152.	22.7	449
2	Anatomical Location Determines the Distribution and Function of Dendritic Cells and Other APCs in the Respiratory Tract. Journal of Immunology, 2005, 175, 1609-1618.	0.8	225
3	Critical Points of Tumor Necrosis Factor Action in Central Nervous System Autoimmune Inflammation Defined by Gene Targeting. Journal of Experimental Medicine, 1997, 186, 1585-1590.	8.5	217
4	Bidirectional Interactions between Antigen-bearing Respiratory Tract Dendritic Cells (DCs) and T Cells Precede the Late Phase Reaction in Experimental Asthma. Journal of Experimental Medicine, 2003, 198, 19-30.	8.5	185
5	Accelerated Antigen Sampling and Transport by Airway Mucosal Dendritic Cells following Inhalation of a Bacterial Stimulus. Journal of Immunology, 2006, 177, 5861-5867.	0.8	180
6	Reversal of airway hyperresponsiveness by induction of airway mucosal CD4+CD25+ regulatory T cells. Journal of Experimental Medicine, 2006, 203, 2649-2660.	8.5	175
7	Challenging Cytokine Redundancy: Inflammatory Cell Movement and Clinical Course of Experimental Autoimmune Encephalomyelitis Are Normal in Lymphotoxin-deficient, but Not Tumor Necrosis Factorâ€“deficient, Mice. Journal of Experimental Medicine, 1998, 187, 1517-1528.	8.5	146
8	Airway Microbiota Dynamics Uncover a Critical Window for Interplay of Pathogenic Bacteria and Allergy in Childhood Respiratory Disease. Cell Host and Microbe, 2018, 24, 341-352.e5.	11.0	146
9	Regulation of Dendritic Cell Recruitment into Resting and Inflamed Airway Epithelium: Use of Alternative Chemokine Receptors as a Function of Inducing Stimulus. Journal of Immunology, 2001, 167, 228-234.	0.8	117
10	Size-Dependent Uptake of Particles by Pulmonary Antigen-Presenting Cell Populations and Trafficking to Regional Lymph Nodes. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 67-77.	2.9	105
11	Regulation of Tâ€cell activation in the lung: alveolar macrophages induce reversible Tâ€cell anergy in vitro associated with inhibition of interleukinâ€2 receptor signal transduction. Immunology, 1996, 87, 250-258.	4.4	76
12	Genomeâ€wide DNA methylation profiling identifies a folateâ€sensitive region of differential methylation upstream of ZFP57 â€imprinting regulator in humans. FASEB Journal, 2014, 28, 4068-4076.	0.5	75
13	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. Mucosal Immunology, 2011, 4, 43-52.	6.0	74
14	Interactions between innate and adaptive immunity inÂasthma pathogenesis: New perspectives from studies onÂacute exacerbations. Journal of Allergy and Clinical Immunology, 2010, 125, 963-972.	2.9	73
15	Virus infection and allergy in the development of asthma. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 151-157.	2.3	67
16	Distinguishing benign from pathologic TH2 immunity in atopic children. Journal of Allergy and Clinical Immunology, 2016, 137, 379-387.	2.9	64
17	Bone marrow-derived cells in the healing burn woundâ€”More than just inflammation. Burns, 2009, 35, 356-364.	1.9	55
18	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	2.9	55

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19	Allergic Airways Disease Develops after an Increase in Allergen Capture and Processing in the Airway Mucosa. Journal of Immunology, 2007, 179, 5748-5759.	0.8	53
20	Inert 50-nm Polystyrene Nanoparticles That Modify Pulmonary Dendritic Cell Function and Inhibit Allergic Airway Inflammation. Journal of Immunology, 2012, 188, 1431-1441.	0.8	51
21	Epigenome-wide analysis of neonatal CD4⁺T-cell DNA methylation sites potentially affected by maternal fish oil supplementation. Epigenetics, 2014, 9, 1570-1576.	2.7	46
22	T regulatory cells in childhood asthma. Trends in Immunology, 2011, 32, 420-427.	6.8	45
23	Altered Immunity and Dendritic Cell Activity in the Periphery of Mice after Long-Term Engraftment with Bone Marrow from Ultraviolet-Irradiated Mice. Journal of Immunology, 2013, 190, 5471-5484.	0.8	45
24	Defective Respiratory Tract Immune Surveillance in Asthma. Chest, 2014, 145, 370-378.	0.8	41
25	Soothing signals: transplacental transmission of resistance to asthma and allergy. Journal of Experimental Medicine, 2009, 206, 2861-2864.	8.5	40
26	Ontogeny of Toll-Like and NOD-Like Receptor-Mediated Innate Immune Responses in Papua New Guinean Infants. PLoS ONE, 2012, 7, e36793.	2.5	39
27	Regulation of Tâ€cell activation in the lung: isolated lung T cells exhibit surface phenotypic characteristics of recent activation including downâ€modulated Tâ€cell receptors, but are locked into the G 0 /G 1 phase of the cell cycle. Immunology, 1996, 87, 242-249.	4.4	38
28	Suppression of T-cell activation by pulmonary alveolar macrophages: dissociation of effects on TcR, IL-2R expression, and proliferation. European Respiratory Journal, 1994, 7, 2124-2130.	6.7	35
29	Neonatal antigen-presenting cells are functionally more quiescent in children born under traditional compared with modern environmental conditions. Journal of Allergy and Clinical Immunology, 2012, 130, 1167-1174.e10.	2.9	34
30	Immunological Processes Driving IgE Sensitisation and Disease Development in Males and Females. International Journal of Molecular Sciences, 2018, 19, 1554.	4.1	34
31	Selective inhibition of T cell proliferation but not expression of effector function by human alveolar macrophages. Thorax, 1997, 52, 786-795.	5.6	30
32	Personalized Transcriptomics Reveals Heterogeneous Immunophenotypes in Children with Viral Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1537-1549.	5.6	28
33	The role of dendritic cells and regulatory T cells in the regulation of allergic asthma. , 2010, 125, 1-10.		27
34	Protection against maternal infection-associated fetal growth restriction: proof-of-concept with a microbial-derived immunomodulator. Mucosal Immunology, 2017, 10, 789-801.	6.0	27
35	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. Journal of Clinical Investigation, 2018, 128, 4856-4869.	8.2	27
36	The CD200-CD200R axis in local control of lung inflammation. Nature Immunology, 2008, 9, 1011-1013.	14.5	26

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37	Targeting maternal immune function during pregnancy for asthma prevention in offspring: Harnessing the â€œfarm effectâ€?. Journal of Allergy and Clinical Immunology, 2020, 146, 270-272.	2.9	25
38	UV exposure and protection against allergic airways disease. Photochemical and Photobiological Sciences, 2010, 9, 571-577.	2.9	22
39	Selective attrition of non-recirculating T cells during normal passage through the lung vascular bed. Immunology, 1990, 69, 476-81.	4.4	22
40	Defective aeroallergen surveillance by airway mucosal dendritic cells as a determinant of risk for persistent airways hyper-responsiveness in experimental asthma. Mucosal Immunology, 2012, 5, 332-341.	6.0	21
41	Early origins of lung disease: towards an interdisciplinary approach. European Respiratory Review, 2020, 29, 200191.	7.1	21
42	Prebiotic Supplementation During Pregnancy Modifies the Gut Microbiota and Increases Metabolites in Amniotic Fluid, Driving a Tolerogenic Environment In Utero. Frontiers in Immunology, 2021, 12, 712614.	4.8	20
43	UV inhibits allergic airways disease in mice by reducing effector CD4⁺ T cells. Clinical and Experimental Allergy, 2010, 40, 772-785.	2.9	18
44	Connective tissue growth factor is expressed in bone marrow stromal cells and promotes interleukin-7-dependent B lymphopoiesis. Haematologica, 2014, 99, 1149-1156.	3.5	18
45	Pathogenic Mechanisms of Allergic Inflammation : Atopic Asthma as a Paradigm. Advances in Immunology, 2009, 104, 51-113.	2.2	17
46	Transplacental Innate Immune Training via Maternal Microbial Exposure: Role of XBP1-ERN1 Axis in Dendritic Cell Precursor Programming. Frontiers in Immunology, 2020, 11, 601494.	4.8	17
47	Epithelialâ€“dendritic cell interactions in allergic disorders. Current Opinion in Immunology, 2010, 22, 789-794.	5.5	16
48	Basophil counts in PBMC populations during childhood acute wheeze/asthma are associated with future exacerbations. Journal of Allergy and Clinical Immunology, 2018, 142, 1639-1641.e5.	2.9	16
49	Oestrogen amplifies preâ€existing atopyâ€associated Th2 bias in an experimental asthma model. Clinical and Experimental Allergy, 2020, 50, 391-400.	2.9	16
50	Persistent and Compartmentalised Disruption of Dendritic Cell Subpopulations in the Lung following Influenza A Virus Infection. PLoS ONE, 2014, 9, e111520.	2.5	15
51	Progressive increase of FcÎµRI expression across several PBMC subsets is associated with atopy and atopic asthma within schoolâ€aged children. Pediatric Allergy and Immunology, 2019, 30, 646-653.	2.6	15
52	Restricted Aeroallergen Access to Airway Mucosal Dendritic Cells In Vivo Limits Allergen-Specific CD4+ T Cell Proliferation during the Induction of Inhalation Tolerance. Journal of Immunology, 2011, 187, 4561-4570.	0.8	14
53	Comparison of neonatal T regulatory cell function in Papua New Guinean and Australian newborns. Pediatric Allergy and Immunology, 2012, 23, 173-180.	2.6	14
54	Pregnancy Induces a Steady-State Shift in Alveolar Macrophage M1/M2 Phenotype That Is Associated With a Heightened Severity of Influenza Virus Infection: Mechanistic Insight Using Mouse Models. Journal of Infectious Diseases, 2019, 219, 1823-1831.	4.0	14

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55	Toward Homeostasis. American Journal of Pathology, 2012, 181, 535-547.	3.8	13
56	A pathogenic role for the integrin CD103 in experimental allergic airways disease. Physiological Reports, 2016, 4, e13021.	1.7	13
57	Protection against severe infant lower respiratory tract infections by immune training: Mechanistic studies. Journal of Allergy and Clinical Immunology, 2022, 150, 93-103.	2.9	11
58	A method for the generation of large numbers of dendritic cells from CD34+ hematopoietic stem cells from cord blood. Journal of Immunological Methods, 2020, 477, 112703.	1.4	8
59	Nasal Delivery of a Commensal Pasteurellaceae Species Inhibits Nontypeable Haemophilus influenzae Colonization and Delays Onset of Otitis Media in Mice. Infection and Immunity, 2020, 88, .	2.2	8
60	Functional differences in airway dendritic cells determine susceptibility to IgEâ€sensitization. Immunology and Cell Biology, 2018, 96, 316-329.	2.3	7
61	Atopy-Dependent and Independent Immune Responses in the Heightened Severity of Atopics to Respiratory Viral Infections: Rat Model Studies. Frontiers in Immunology, 2018, 9, 1805.	4.8	7
62	Innate Immune Training for Prevention of Recurrent Wheeze in Early Childhood. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 392-394.	5.6	6
63	Immunoregulation of asthma: control of T-lymphocyte activation in the respiratory tract. The European Respiratory Journal Supplement, 1991, 13, 6s-15s.	0.8	6
64	Mucosal Regulatory T Cells in Airway Hyperresponsiveness. Chemical Immunology and Allergy, 2008, 94, 40-47.	1.7	5
65	<scp>OMIP 076: Highâ€dimensional</scp> immunophenotyping of murine Tâ€cell, Bâ€cell, and antibody secreting cell subsets. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 888-892.	1.5	5
66	Immunoinflammatory responses to febrile lower respiratory infections in infants display uniquely complex/intense transcriptomic profiles. Journal of Allergy and Clinical Immunology, 2019, 144, 1411-1413.	2.9	4
67	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. Frontiers in Immunology, 2021, 12, 699633.	4.8	4
68	Low dose treatment of mice with bacterial extract (OM-85) for attenuation of experimental atopic asthma in mice. Allergologia Et Immunopathologia, 2017, 45, 310-311.	1.7	3
69	Identification and Characterization of a Dendritic Cell Precursor in Parenchymal Lung Tissue. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 353-361.	2.9	3
70	In infants with sufficient vitamin D status at birth, vitamin D supplementation does not impact immune development. Pediatric Allergy and Immunology, 2020, 31, 686-694.	2.6	3
71	Cord bloodStreptococcus pneumoniae-specific cellular immune responses predict early pneumococcal carriage in high-risk infants in Papua New Guinea. Clinical and Experimental Immunology, 2017, 187, 408-417.	2.6	2
72	Protection against neonatal respiratory viral infection via maternal treatment during pregnancy with the benign immune training agent OMâ€85. Clinical and Translational Immunology, 2021, 10, e1303.	3.8	2

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73	Metabolic dysfunction induced by a highâ€fat diet modulates hematopoietic stem and myeloid progenitor cells in brown adipose tissue of mice. Immunology and Cell Biology, 2021, 99, 749-766.	2.3	2
74	Identification and Isolation of Rodent Respiratory Tract Dendritic Cells. Methods in Molecular Biology, 2010, 595, 249-263.	0.9	2
75	Quantification of Serum Ovalbumin-specific Immunoglobulin E Titre via in vivo Passive Cutaneous Anaphylaxis Assay. Bio-protocol, 2019, 9, e3184.	0.4	2
76	Comment on â€œLocal CD11c+ MHC Class IIâ^' Precursors Generate Lung Dendritic Cells during Respiratory Viral Infection, but Are Depleted in the Processâ€• Journal of Immunology, 2007, 178, 2609.1-2609.	0.8	1
77	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice. Respiratory Physiology and Neurobiology, 2022, 298, 103846.	1.6	1
78	Early Life Ovalbumin Sensitization and Aerosol Challenge for the Induction of Allergic Airway Inflammation in a BALB/c Murine Model. Bio-protocol, 2019, 9, e3181.	0.4	0