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	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice. Respiratory Physiology and Neurobiology, 2022, 298, 103846.	1.6	1
2	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
3	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
4	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
5	<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
6	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
7	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. Frontiers in Immunology, 2021, 12, 699633.	4.8	4
8	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
9	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	2.9	55
10	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
11	Oestrogen amplifies preâ€existing atopyâ€associated Th2 bias in an experimental asthma model. Clinical and Experimental Allergy, 2020, 50, 391-400.	2.9	16
12	Early origins of lung disease: towards an interdisciplinary approach. European Respiratory Review, 2020, 29, 200191.	7.1	21
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	Quantification of Serum Ovalbumin-specific Immunoglobulin E Titre via in vivo Passive Cutaneous Anaphylaxis Assay. Bio-protocol, 2019, 9, e3184.	0.4	2
22	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
23	Functional differences in airway dendritic cells determine susceptibility to IgEâ€sensitization. Immunology and Cell Biology, 2018, 96, 316-329.	2.3	7
24	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
25	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
26	Immunological Processes Driving IgE Sensitisation and Disease Development in Males and Females. International Journal of Molecular Sciences, 2018, 19, 1554.	4.1	34
27	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
28	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. Journal of Clinical Investigation, 2018, 128, 4856-4869.	8.2	27
29	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
30	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
31	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
32	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
33	A pathogenic role for the integrin CD103 in experimental allergic airways disease. Physiological Reports, 2016, 4, e13021.	1.7	13
34	Distinguishing benign from pathologic TH2 immunity in atopic children. Journal of Allergy and Clinical Immunology, 2016, 137, 379-387.	2.9	64
35	Persistent and Compartmentalised Disruption of Dendritic Cell Subpopulations in the Lung following Influenza A Virus Infection. PLoS ONE, 2014, 9, e111520.	2.5	15
36	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

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37	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
38	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
39	Defective Respiratory Tract Immune Surveillance in Asthma. Chest, 2014, 145, 370-378.	0.8	41
40	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
41	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
42	Virus infection and allergy in the development of asthma. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 151-157.	2.3	67
43	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
44	Toward Homeostasis. American Journal of Pathology, 2012, 181, 535-547.	3.8	13
45	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
46	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
47	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
48	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
49	T regulatory cells in childhood asthma. Trends in Immunology, 2011, 32, 420-427.	6.8	45
50	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
51	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. Mucosal Immunology, 2011, 4, 43-52.	6.0	74
52	The role of dendritic cells and regulatory T cells in the regulation of allergic asthma. , 2010, 125, 1-10.		27
53	Epithelialâ€“dendritic cell interactions in allergic disorders. Current Opinion in Immunology, 2010, 22, 789-794.	5.5	16
54	UV inhibits allergic airways disease in mice by reducing effector CD4⁺ T cells. Clinical and Experimental Allergy, 2010, 40, 772-785.	2.9	18

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55	UV exposure and protection against allergic airways disease. Photochemical and Photobiological Sciences, 2010, 9, 571-577.	2.9	22
56	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
57	Identification and Isolation of Rodent Respiratory Tract Dendritic Cells. Methods in Molecular Biology, 2010, 595, 249-263.	0.9	2
58	Soothing signals: transplacental transmission of resistance to asthma and allergy. Journal of Experimental Medicine, 2009, 206, 2861-2864.	8.5	40
59	Pathogenic Mechanisms of Allergic Inflammation : Atopic Asthma as a Paradigm. Advances in Immunology, 2009, 104, 51-113.	2.2	17
60	Bone marrow-derived cells in the healing burn woundâ€"More than just inflammation. Burns, 2009, 35, 356-364.	1.9	55
61	The CD200-CD200R axis in local control of lung inflammation. Nature Immunology, 2008, 9, 1011-1013.	14.5	26
62	Regulation of immunological homeostasis in the respiratory tract. Nature Reviews Immunology, 2008, 8, 142-152.	22.7	449
63	Mucosal Regulatory T Cells in Airway Hyperresponsiveness. Chemical Immunology and Allergy, 2008, 94, 40-47.	1.7	5
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	Selective inhibition of T cell proliferation but not expression of effector function by human alveolar macrophages. Thorax, 1997, 52, 786-795.	5.6	30

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73	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
74	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
75	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
76	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
77	Immunoregulation of asthma: control of T-lymphocyte activation in the respiratory tract. The European Respiratory Journal Supplement, 1991, 13, 6s-15s.	0.8	6
78	Selective attrition of non-recirculating T cells during normal passage through the lung vascular bed. Immunology, 1990, 69, 476-81.	4.4	22