Simon Phipps

List of Publications by Year
in descending order

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92 papers	7,674 citations	57758 44 h-index	53230 85 g-index
97 all docs	97 docs citations	97 times ranked	10457 citing authors

#	Article	IF	Citations
1	Eosinophils: Biological Properties and Role in Health and Disease. Clinical and Experimental Allergy, 2008, 38, 709-750.	2.9	702
2	Anti-IL-5 treatment reduces deposition of ECM proteins in the bronchial subepithelial basement membrane of mild atopic asthmatics. Journal of Clinical Investigation, 2003, 112, 1029-1036.	8.2	688
3	Evidence that opioids may have toll-like receptor 4 and MD-2 effects. Brain, Behavior, and Immunity, 2010, 24, 83-95.	4.1	447
4	Antagonism of microRNA-126 suppresses the effector function of T _H 2 cells and the development of allergic airways disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18704-18709.	7.1	401
5	Eosinophil trafficking in allergy and asthma. Journal of Allergy and Clinical Immunology, 2007, 119, 1303-1310.	2.9	341
6	A role for eosinophils in airway remodelling in asthma. Trends in Immunology, 2004, 25, 477-482.	6.8	265
7	Eosinophils contribute to innate antiviral immunity and promote clearance of respiratory syncytial virus. Blood, 2007, 110, 1578-1586.	1.4	263
8	Elevated expression of the NLRP3 inflammasome in neutrophilic asthma. European Respiratory Journal, 2014, 43, 1067-1076.	6.7	221
9	RAGE and TLRs: Relatives, friends or neighbours?. Molecular Immunology, 2013, 56, 739-744.	2.2	219
10	Soluble Heparan Sulfate Fragments Generated by Heparanase Trigger the Release of Pro-Inflammatory Cytokines through TLR-4. PLoS ONE, 2014, 9, e109596.	2.5	187
11	Toll/IL-1 Signaling Is Critical for House Dust Miteâ€“specific Th1 and Th2 Responses. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 883-893.	5.6	148
12	TLR7 Is Involved in Sequence-Specific Sensing of Single-Stranded RNAs in Human Macrophages. Journal of Immunology, 2008, 180, 2117-2124.	0.8	145
13	Receptor for advanced glycation end products and its ligand high-mobility group box-1 mediate allergic airway sensitization and airway inflammation. Journal of Allergy and Clinical Immunology, 2014, 134, 440-450.e3.	2.9	133
14	NK Cell Deficiency Predisposes to Viral-Induced Th2-Type Allergic Inflammation via Epithelial-Derived IL-25. Journal of Immunology, 2010, 185, 4681-4690.	0.8	132
15	The receptor for complement component C3a mediates protection from intestinal ischemia-reperfusion injuries by inhibiting neutrophil mobilization. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9439-9444.	7.1	128
16	The Relationship Between Allergen-Induced Tissue Eosinophilia and Markers of Repair and Remodeling in Human Atopic Skin. Journal of Immunology, 2002, 169, 4604-4612.	0.8	122
17	Differential Regulation of Human Eosinophil IL-3, IL-5, and GM-CSF Receptor Î±-Chain Expression by Cytokines: IL-3, IL-5, and GM-CSF Down-Regulate IL-5 Receptor Î± Expression with Loss of IL-5 Responsiveness, but Up-Regulate IL-3 Receptor Î± Expression. Journal of Immunology, 2003, 170, 5359-5366.	0.8	121
18	Acute Allergen-Induced Airway Remodeling in Atopic Asthma. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 626-632.	2.9	115

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19	Regulation of inducible BALT formation and contribution to immunity and pathology. Mucosal Immunology, 2010, 3, 537-544.	6.0	106
20	Early-life chlamydial lung infection enhances allergic airways disease through age-dependent differences in immunopathology. Journal of Allergy and Clinical Immunology, 2010, 125, 617-625.e6.	2.9	100
21	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. Thorax, 2015, 70, 854-861.	5.6	90
22	Aeroallergen-induced IL-33 predisposes to respiratory virusâ€“induced asthma by dampening antiviral immunity. Journal of Allergy and Clinical Immunology, 2016, 138, 1326-1337.	2.9	87
23	Intravenous Anti-IL-5 Monoclonal Antibody Reduces Eosinophils and Tenascin Deposition in Allergen-Challenged Human Atopic Skin. Journal of Investigative Dermatology, 2004, 122, 1406-1412.	0.7	85
24	Evidence that tricyclic small molecules may possess toll-like receptor and myeloid differentiation protein 2 activity. Neuroscience, 2010, 168, 551-563.	2.3	85
25	Respiratory Syncytial Virus Infection Promotes Necroptosis and HMGB1 Release by Airway Epithelial Cells. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1358-1371.	5.6	85
26	The discovery of RPR 200765A, a p38 MAP kinase inhibitor displaying a good oral anti-arthritic efficacy. Bioorganic and Medicinal Chemistry, 2001, 9, 537-554.	3.0	84
27	Plasmacytoid Dendritic Cells Promote Host Defense against Acute Pneumovirus Infection via the TLR7â€“MyD88-Dependent Signaling Pathway. Journal of Immunology, 2011, 186, 5938-5948.	0.8	80
28	RAGE: a new frontier in chronic airways disease. British Journal of Pharmacology, 2012, 167, 1161-1176.	5.4	76
29	Inflammatory mechanisms and treatment of obstructive airway diseases with neutrophilic bronchitis. , 2009, 124, 86-95.		74
30	Innate IFNs and Plasmacytoid Dendritic Cells Constrain Th2 Cytokine Responses to Rhinovirus: A Regulatory Mechanism with Relevance to Asthma. Journal of Immunology, 2012, 188, 5898-5905.	0.8	73
31	Allergen-induced IL-6 trans-signaling activates Î³Î´ T cells to promote type 2 and type 17 airway inflammation. Journal of Allergy and Clinical Immunology, 2015, 136, 1065-1073.	2.9	73
32	Functional Role of Soluble Receptor for Advanced Glycation End Products in Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 585-594.	2.4	72
33	Viral and host factors determine innate immune responses in airway epithelial cells from children with wheeze and atopy. Thorax, 2014, 69, 918-925.	5.6	72
34	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. Journal of Allergy and Clinical Immunology, 2017, 139, 1148-1157.	2.9	72
35	Microarray Analysis of Eosinophils Reveals a Number of Candidate Survival and Apoptosis Genes. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 425-433.	2.9	69
36	Absence of toll-like receptor 4 (TLR4) extends survival in the hSOD1G93A mouse model of amyotrophic lateral sclerosis. Journal of Neuroinflammation, 2015, 12, 90.	7.2	69

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37	Plasmacytoid dendritic cells protect from viral bronchiolitis and asthma through semaphorin 4aâ€“mediated T reg expansion. Journal of Experimental Medicine, 2018, 215, 537-557.	8.5	65
38	Chronic IL-33 expression predisposes to virus-induced asthma exacerbations by increasing type 2 inflammation and dampening antiviral immunity. Journal of Allergy and Clinical Immunology, 2018, 141, 1607-1619.e9.	2.9	64
39	Anterograde neuronal circuit tracing using a genetically modified herpes simplex virus expressing EGFP. Journal of Neuroscience Methods, 2012, 209, 158-167.	2.5	62
40	Sensorimotor circuitry involved in the higher brain control of coughing. Cough, 2013, 9, 7.	2.7	62
41	Chlamydia muridarum Infection Subverts Dendritic Cell Function to Promote Th2 Immunity and Airways Hyperreactivity. Journal of Immunology, 2008, 180, 2225-2232.	0.8	61
42	TLR2, but Not TLR4, Is Required for Effective Host Defence against Chlamydia Respiratory Tract Infection in Early Life. PLoS ONE, 2012, 7, e39460.	2.5	61
43	Toll-like receptor 7 gene deficiency and early-life Pneumovirus infection interact to predispose toward the development of asthma-like pathology in mice. Journal of Allergy and Clinical Immunology, 2013, 131, 1331-1339.e10.	2.9	59
44	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	2.9	55
45	The plasmacytoid dendritic cell: at the cross-roads in asthma. European Respiratory Journal, 2014, 43, 264-275.	6.7	54
46	The contribution of tollâ€like receptors to the pathogenesis of asthma. Immunology and Cell Biology, 2007, 85, 463-470.	2.3	49
47	PGD2/DP2 receptor activation promotes severe viral bronchiolitis by suppressing IFN- Î» production. Science Translational Medicine, 2018, 10, .	12.4	49
48	Asthma Is Associated with Multiple Alterations in Anti-Viral Innate Signalling Pathways. PLoS ONE, 2014, 9, e106501.	2.5	47
49	Interactions between eotaxin, histamine and mast cells in early microvascular events associated with eosinophil recruitment to the site of allergic skin reactions in humans. Clinical and Experimental Allergy, 2004, 34, 1276-1282.	2.9	43
50	Early production of thymic stromal lymphopoietin precedes infiltration of dendritic cells expressing its receptor in allergenâ€induced late phase cutaneous responses in atopic subjects. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1014-1022.	5.7	43
51	A comparison of the lung clearance kinetics of solid lipid nanoparticles and liposomes by following the 3H-labelled structural lipids after pulmonary delivery in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 125, 1-12.	4.3	42
52	The Influence of the Microbiome on Early-Life Severe Viral Lower Respiratory Infections and Asthmaâ€”Food for Thought?. Frontiers in Immunology, 2017, 8, 156.	4.8	40
53	Mice deficient in heparanase exhibit impaired dendritic cell migration and reduced airway inflammation. European Journal of Immunology, 2014, 44, 1016-1030.	2.9	38
54	Regulatory T Cells Prevent Inducible BALT Formation by Dampening Neutrophilic Inflammation. Journal of Immunology, 2015, 194, 4567-4576.	0.8	38

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55	Immunomodulation of Airway Epithelium Cell Activation by Mesenchymal Stromal Cells Ameliorates House Dust Miteâ€“Induced Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 615-624.	2.9	36
56	Targeting the P2Y₁₃ Receptor Suppresses IL-33 and HMGB1 Release and Ameliorates Experimental Asthma. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 300-312.	5.6	33
57	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscleÂremodelling. PLoS Pathogens, 2020, 16, e1008651.	4.7	31
58	The Contribution of Neutrophils to the Pathogenesis of RSV Bronchiolitis. Viruses, 2020, 12, 808.	3.3	28
59	Pulmonary Eosinophils and Their Role in Immunopathologic Responses to Formalin-Inactivated Pneumonia Virus of Mice. Journal of Immunology, 2009, 183, 604-612.	0.8	25
60	RAGE deficiency predisposes mice to virus-induced paucigranulocytic asthma. ELife, 2017, 6, .	6.0	24
61	Absence of Tollâ€“IL-1 Receptor 8/Single Immunoglobulin IL-1 Receptorâ€“Related Molecule Reduces House Dust Miteâ€“Induced Allergic Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 481-490.	2.9	23
62	IRF-3, IRF-7, and IPS-1 Promote Host Defense against Acute Human Metapneumovirus Infection in Neonatal Mice. American Journal of Pathology, 2014, 184, 1795-1806.	3.8	22
63	Coinfection with Blood-Stage Plasmodium Promotes Systemic Type I Interferon Production during Pneumovirus Infection but Impairs Inflammation and Viral Control in the Lung. Vaccine Journal, 2015, 22, 477-483.	3.1	20
64	Human Metapneumovirus Impairs Apoptosis of Nasal Epithelial Cells in Asthma via HSP70. Journal of Innate Immunity, 2017, 9, 52-64.	3.8	20
65	Synergism and Antagonism of Bacterial-Viral Coinfection in the Upper Respiratory Tract. MSphere, 2022, 7, e0098421.	2.9	18
66	Evaluating vaccinia virus cytokine coâ€expression in TLR GKO mice. Immunology and Cell Biology, 2011, 89, 706-715.	2.3	17
67	Th2/Th17 reciprocal regulation: twists and turns in the complexity of asthma phenotypes. Annals of Translational Medicine, 2016, 4, S59-S59.	1.7	16
68	RAGE and TLR4 differentially regulate airway hyperresponsiveness: Implications for COPD. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1123-1135.	5.7	14
69	Allergic sensitization is enhanced in early life through tollâ€like receptor 7 activation. Clinical and Experimental Allergy, 2009, 39, 1920-1928.	2.9	13
70	Long-lived regulatory T cells generated during severe bronchiolitis in infancy influence later progression to asthma. Mucosal Immunology, 2020, 13, 652-664.	6.0	13
71	Increased susceptibility of cystic fibrosis airway epithelial cells to ferroptosis. Biological Research, 2021, 54, 38.	3.4	13
72	Antigen-Specific T-Cell Responses to a Recombinant Fowlpox Virus Are Dependent on MyD88 and Interleukin-18 and Independent of Toll-Like Receptor 7 (TLR7)- and TLR9-Mediated Innate Immune Recognition. Journal of Virology, 2011, 85, 3385-3396.	3.4	12

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73	The Absence of Interferon-Î² Promotor Stimulator-1 (IPS-1) Predisposes to Bronchiolitis and Asthma-like Pathology in Response to Pneumoviral Infection in Mice. Scientific Reports, 2017, 7, 2353.	3.3	12
74	Critical Role of Plasmacytoid Dendritic Cells in Regulating Gene Expression and Innate Immune Responses to Human Rhinovirus-16. Frontiers in Immunology, 2017, 8, 1351.	4.8	12
75	Allergen-encoding bone marrow transfer inactivates allergic T cell responses, alleviating airway inflammation. JCI Insight, 2017, 2, .	5.0	12
76	Targeting novel LSD1-dependent ACE2 demethylation domains inhibits SARS-CoV-2 replication. Cell Discovery, 2021, 7, 37.	6.7	11
77	A low inflammatory, Langerhans cell-targeted microprojection patch to deliver ovalbumin to the epidermis of mouse skin. Journal of Controlled Release, 2019, 302, 190-200.	9.9	10
78	PAG1 limits allergenâ€induced type 2 inflammation in the murine lung. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 336-345.	5.7	10
79	The parasitic 68-mer peptide FhHDM-1 inhibits mixed granulocytic inflammation and airway hyperreactivity in experimental asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 2316-2319.	2.9	9
80	DP1 prostanoid receptor activation increases the severity of an acute lower respiratory viral infection in mice via TNF-Î±-induced immunopathology. Mucosal Immunology, 2021, 14, 963-972.	6.0	9
81	LL-37 and HMGB1 induce alveolar damage and reduce lung tissue regeneration via RAGE. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L641-L652.	2.9	9
82	The effect of hyperpolarizationâ€activated cyclic nucleotideâ€gated ion channel inhibitors on the vagal control of guinea pig airway smooth muscle tone. British Journal of Pharmacology, 2014, 171, 3633-3650.	5.4	8
83	Bone Marrow Regulatory T Cells Are a Unique Population, Supported by Niche-Specific Cytokines and Plasmacytoid Dendritic Cells, and Required for Chronic Graft-Versus-Host Disease Control. Frontiers in Cell and Developmental Biology, 2021, 9, 737880.	3.7	7
84	IFN-Î» Diminishes the Severity of Viral Bronchiolitis in Neonatal Mice by Limiting NADPH Oxidaseâ€“Induced PAD4-Independent NETosis. Journal of Immunology, 2022, 208, 2806-2816.	0.8	7
85	A paucigranulocytic asthma host environment promotes the emergence of virulent influenza viral variants. ELife, 2021, 10, .	6.0	5
86	Modulation of Vagal Sensory Neurons via High Mobility Group Box-1 and Receptor for Advanced Glycation End Products: Implications for Respiratory Viral Infections. Frontiers in Physiology, 2021, 12, 744812.	2.8	5
87	Eosinophils in repair and remodelling. Clinical and Experimental Allergy Reviews, 2004, 4, 229-236.	0.3	3
88	MLKL Regulates Rapid Cell Death-independent HMGB1 Release in RSV Infected Airway Epithelial Cells. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	3
89	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0
90	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0

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91	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0
92	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0