

Donald N Cook

List of Publications by Year in descending order

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106
papers

10,372
citations

50276

46
h-index

38395

95
g-index

108
all docs

108
docs citations

108
times ranked

13563
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridged Piperidine Analogues of a High Affinity Naphthalene-Based P2Y ₁₄ R Antagonist. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3434-3459.	6.4	6
2	A neutrophil/TGF- β 2 axis limits the pathogenicity of allergen-specific CD4+ T cells. <i>JCI Insight</i> , 2022, 7, .	5.0	0
3	Regulation of Immune Responses by Nonhematopoietic Cells in Asthma. <i>Journal of Immunology</i> , 2021, 206, 292-301.	0.8	6
4	Structure-Activity Relationship of Heterocyclic P2Y ₁₄ Receptor Antagonists: Removal of the Zwitterionic Character with Piperidine Bioisosteres. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5099-5122.	6.4	11
5	Th17 Immunity in the Colon Is Controlled by Two Novel Subsets of Colon-Specific Mononuclear Phagocytes. <i>Frontiers in Immunology</i> , 2021, 12, 661290.	4.8	3
6	UDP-glucose and P2Y ₁₄ receptor amplify allergen-induced airway eosinophilia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	21
7	A new wrinkle for skin dendritic cell migration. <i>Blood</i> , 2021, 137, 2716-2717.	1.4	0
8	Adipocyte P2Y ₁₄ receptors play a key role in regulating whole-body glucose and lipid homeostasis. <i>JCI Insight</i> , 2021, 6, .	5.0	15
9	Scavenger Receptor BI Attenuates IL-17A-Dependent Neutrophilic Inflammation in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 698-708.	2.9	10
10	Glucocorticoids and Androgens Protect From Gastric Metaplasia by Suppressing Group 2 Innate Lymphoid Cell Activation. <i>Gastroenterology</i> , 2021, 161, 637-652.e4.	1.3	25
11	CD11b+ lung dendritic cells at different stages of maturation induce Th17 or Th2 differentiation. <i>Nature Communications</i> , 2021, 12, 5029.	12.8	34
12	What's the deal with efferocytosis and asthma?. <i>Trends in Immunology</i> , 2021, 42, 904-919.	6.8	7
13	(Inverse) Agonists of Retinoic Acid-Related Orphan Receptor β 3: Regulation of Immune Responses, Inflammation, and Autoimmune Disease. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 371-390.	9.4	58
14	Exploration of Alternative Scaffolds for P2Y ₁₄ Receptor Antagonists Containing a Biaryl Core. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9563-9589.	6.4	20
15	Role of Environmental Adjuvants in Asthma Development. <i>Current Allergy and Asthma Reports</i> , 2020, 20, 42.	5.3	6
16	Cholesterol-25-hydroxylase promotes efferocytosis and resolution of lung inflammation. <i>JCI Insight</i> , 2020, 5, .	5.0	35
17	Therapeutic suppression of pulmonary neutrophilia and allergic airway hyperresponsiveness by an ROR β inverse agonist. <i>JCI Insight</i> , 2019, 4, .	5.0	19
18	Endogenous glucocorticoids prevent gastric metaplasia by suppressing spontaneous inflammation. <i>Journal of Clinical Investigation</i> , 2019, 129, 1345-1358.	8.2	28

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19	Epithelial membrane protein 2 governs transepithelial migration of neutrophils into the airspace. <i>Journal of Clinical Investigation</i> , 2019, 130, 157-170.	8.2	24
20	Pathogenic TH17 inflammation is sustained in the lungs by conventional dendritic cells and Toll-like receptor 4 signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1229-1242.e6.	2.9	9
21	Early Endometriosis in Females Is Directed by Immune-Mediated Estrogen Receptor α and IL-6 Cross-Talk. <i>Endocrinology</i> , 2018, 159, 103-118.	2.8	75
22	MyD88-dependent dendritic and epithelial cell crosstalk orchestrates immune responses to allergens. <i>Mucosal Immunology</i> , 2018, 11, 796-810.	6.0	18
23	Isolation and Purification of Epithelial and Endothelial Cells from Mouse Lung. <i>Methods in Molecular Biology</i> , 2018, 1799, 59-69.	0.9	29
24	Imaging Precision-Cut Lung Slices to Visualize Leukocyte Localization and Trafficking. <i>Methods in Molecular Biology</i> , 2018, 1799, 237-246.	0.9	1
25	Neuropilin-2 regulates airway inflammatory responses to inhaled lipopolysaccharide. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L202-L211.	2.9	19
26	Distinct functions of CXCR4, CCR2, and CX3CR1 direct dendritic cell precursors from the bone marrow to the lung. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1143-1153.	3.3	42
27	Environmental Adjuvants Induce Neuropilin-2 Expression in Human and Murine Alveolar Macrophages. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, AB265.	2.9	0
28	NIAID, NIEHS, NHLBI, and MCAN Workshop Report: The indoor environment and childhood asthma implications for home environmental intervention in asthma prevention and management. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 933-949.	2.9	75
29	Reversing SMAD4-mediated suppression is essential for TH17 cell differentiation. <i>Nature</i> , 2017, 551, 105-109.	27.8	88
30	Precision-cut Mouse Lung Slices to Visualize Live Pulmonary Dendritic Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	32
31	TNF is required for TLR ligand-mediated but not protease-mediated allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2017, 127, 3313-3326.	8.2	35
32	Retinoic Acid-Related Orphan Receptors (RORs): Regulatory Functions in Immunity, Development, Circadian Rhythm, and Metabolism. <i>Nuclear Receptor Research</i> , 2015, 2, .	2.5	136
33	Complement Receptor C5aR1/CD88 and Dipeptidyl Peptidase-4/CD26 Define Distinct Hematopoietic Lineages of Dendritic Cells. <i>Journal of Immunology</i> , 2015, 194, 3808-3819.	0.8	52
34	Pulmonary Dendritic Cells. , 2015, , 651-664.		0
35	Distinct Tlr4-expressing cell compartments control neutrophilic and eosinophilic airway inflammation. <i>Mucosal Immunology</i> , 2015, 8, 863-873.	6.0	83
36	Trif-dependent induction of Th17 immunity by lung dendritic cells. <i>Mucosal Immunology</i> , 2015, 8, 186-197.	6.0	17

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37	Inhaled house dust programs pulmonary dendritic cells to promote type 2 T-cell responses by an indirect mechanism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1208-L1218.	2.9	18
38	Modulation of Distinct Asthmatic Phenotypes in Mice by Dose-Dependent Inhalation of Microbial Products. <i>Environmental Health Perspectives</i> , 2014, 122, 34-42.	6.0	32
39	Epigenetic Control of <i>Ccr7</i> Expression in Distinct Lineages of Lung Dendritic Cells. <i>Journal of Immunology</i> , 2014, 193, 4904-4913.	0.8	40
40	Migratory properties of pulmonary dendritic cells are determined by their developmental lineage. <i>Mucosal Immunology</i> , 2013, 6, 678-691.	6.0	65
41	CC chemokine receptor 8 potentiates donor Treg survival and is critical for the prevention of murine graft-versus-host disease. <i>Blood</i> , 2013, 122, 825-836.	1.4	58
42	Pulmonary Antigen Presenting Cells: Isolation, Purification, and Culture. <i>Methods in Molecular Biology</i> , 2013, 1032, 19-29.	0.9	19
43	Hyperoxia enhances response to respiratory syncytial virus (RSV) infection. <i>FASEB Journal</i> , 2013, 27, 1212.12.	0.5	0
44	Pulmonary CD103+ dendritic cells prime Th2 responses to inhaled allergens. <i>Mucosal Immunology</i> , 2012, 5, 53-65.	6.0	140
45	ATP Binding Cassette Transporter G1 Deletion Induces IL-17-Dependent Dysregulation of Pulmonary Adaptive Immunity. <i>Journal of Immunology</i> , 2012, 188, 5327-5336.	0.8	30
46	The Toll-like receptor 5 ligand flagellin promotes asthma by priming allergic responses to indoor allergens. <i>Nature Medicine</i> , 2012, 18, 1705-1710.	30.7	106
47	IL-35 production by inducible costimulator (ICOS)-positive regulatory T cells reverses established IL-17-dependent allergic airways disease. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 207-215.e5.	2.9	159
48	The TLR5 Ligand, Bacterial Flagellin, Is The Major Adjuvant In Common House Dust. , 2011, , .		0
49	The Cholesterol Transporter ATP Binding Cassette G1 Regulates Allergen-Induced Pulmonary Inflammation. , 2011, , .		0
50	Strain-Dependent Genomic Factors Affect Allergen-Induced Airway Hyperresponsiveness in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 817-824.	2.9	59
51	Cyclooxygenase-2 Regulates Th17 Cell Differentiation during Allergic Lung Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 37-49.	5.6	57
52	The Chemokine, CCL3, and Its Receptor, CCR1, Mediate Thoracic Radiation-Induced Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 127-135.	2.9	47
53	Effects of air pollutants on allergic sensitization through the airway. , 2011, , 139-156.		1
54	Bacterial Flagellin Acts As A Powerful Adjuvant For Th2 And Th17 Sensitization Through The Airway. , 2010, , .		0

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55	Induction And Suppression Of IL-17-dependent Airway Neutrophilia And Hyperresponsiveness. , 2010, , .		0
56	Ozone activates pulmonary dendritic cells and promotes allergic sensitization through a Toll-like receptor 4-dependent mechanism. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1167-1170.	2.9	33
57	Allergic Sensitization through the Airway Primes Th17-dependent Neutrophilia and Airway Hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 720-730.	5.6	354
58	Blood-derived inflammatory dendritic cells in lymph nodes stimulate acute T helper type 1 immune responses. <i>Nature Immunology</i> , 2009, 10, 394-402.	14.5	294
59	The Chemokine Receptor D6 Has Opposing Effects on Allergic Inflammation and Airway Reactivity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 243-249.	5.6	79
60	Innate Immune Control of Pulmonary Dendritic Cell Trafficking. <i>Proceedings of the American Thoracic Society</i> , 2007, 4, 234-239.	3.5	47
61	Protection against inflammation- and autoantibody-caused fetal loss by the chemokine decoy receptor D6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2319-2324.	7.1	171
62	Alloimmune Lung Injury Induced by Local Innate Immune Activation Through Inhaled Lipopolysaccharide. <i>Transplantation</i> , 2007, 84, 1012-1019.	1.0	41
63	The chemokine receptor CCR6 is an important component of the innate immune response. <i>European Journal of Immunology</i> , 2007, 37, 2487-2498.	2.9	27
64	Toll-like receptors and airway disease. , 2006, , 63-86.		1
65	Control of microglial neurotoxicity by the fractalkine receptor. <i>Nature Neuroscience</i> , 2006, 9, 917-924.	14.8	1,334
66	Spontaneous Mutations in Recombinant Inbred Mice: Mutant Toll-like Receptor 4 (Tlr4) in BXD29 Mice. <i>Genetics</i> , 2006, 172, 1751-1755.	2.9	10
67	TLR4 Signaling Attenuates Ongoing Allergic Inflammation. <i>Journal of Immunology</i> , 2006, 176, 5856-5862.	0.8	94
68	Cutting Edge: The Silent Chemokine Receptor D6 Is Required for Generating T Cell Responses That Mediate Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2006, 177, 17-21.	0.8	70
69	The chemokine receptor D6 limits the inflammatory response in vivo. <i>Nature Immunology</i> , 2005, 6, 403-411.	14.5	279
70	Increased inflammation in mice deficient for the chemokine decoy receptor D6. <i>European Journal of Immunology</i> , 2005, 35, 1342-1346.	2.9	131
71	The Critical Role of Hematopoietic Cells in Lipopolysaccharide-induced Airway Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 806-813.	5.6	88
72	Attenuation of Allergen-Induced Responses in CCR6 ^{-/-} Mice Is Dependent upon Altered Pulmonary T Lymphocyte Activation. <i>Journal of Immunology</i> , 2005, 174, 2054-2060.	0.8	306

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73	Polymorphisms of the Toll-Like Receptors and Human Disease. <i>Clinical Infectious Diseases</i> , 2005, 41, S403-S407.	5.8	51
74	CCL5-CCR5 interaction provides antiapoptotic signals for macrophage survival during viral infection. <i>Nature Medicine</i> , 2005, 11, 1180-1187.	30.7	263
75	The Role of Toll-like Receptor 4 in Environmental Airway Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 126-132.	5.6	152
76	Toll-like receptors in the pathogenesis of human disease. <i>Nature Immunology</i> , 2004, 5, 975-979.	14.5	809
77	Depletion of host Langerhans cells before transplantation of donor alloreactive T cells prevents skin graft-versus-host disease. <i>Nature Medicine</i> , 2004, 10, 510-517.	30.7	298
78	Tachykinin NK3-receptor deficiency does not inhibit pulmonary eosinophilia in allergic mice. <i>Pharmacological Research</i> , 2004, 50, 611-615.	7.1	48
79	Genetic regulation of endotoxin-induced airway disease. <i>Genomics</i> , 2004, 83, 961-969.	2.9	34
80	The Genetics of Innate Immunity in the Lung. <i>Chest</i> , 2003, 123, 369S.	0.8	7
81	Toll-like receptors and the genetics of innate immunity. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2003, 3, 523-529.	2.3	17
82	A Matrix for New Ideas in Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 122-124.	2.9	41
83	Impaired T Cell Function in RANTES-Deficient Mice. <i>Clinical Immunology</i> , 2002, 102, 302-309.	3.2	107
84	Wound Healing in MIP-1 α ^{-/-} and MCP-1 α ^{-/-} Mice. <i>American Journal of Pathology</i> , 2001, 159, 457-463.	3.8	289
85	Leukocytes Expressing Green Fluorescent Protein as Novel Reagents for Adoptive Cell Transfer and Bone Marrow Transplantation Studies. <i>American Journal of Pathology</i> , 2001, 158, 41-47.	3.8	44
86	Macrophage inflammatory protein-1 α uses a novel receptor for primitive hemopoietic cell inhibition. <i>Blood</i> , 2001, 98, 3476-3478.	1.4	15
87	Regulatory Effects of Macrophage Inflammatory Protein 1 α /CCL3 on the Development of Immunity to <i>Cryptococcus neoformans</i> Depend on Expression of Early Inflammatory Cytokines. <i>Infection and Immunity</i> , 2001, 69, 6256-6263.	2.2	58
88	Absence of Macrophage-Inflammatory Protein-1 α Delays Central Nervous System Demyelination in the Presence of an Intact Blood-Brain Barrier. <i>Journal of Immunology</i> , 2001, 167, 2964-2971.	0.8	80
89	Generation and Analysis of Mice Lacking the Chemokine Fractalkine. <i>Molecular and Cellular Biology</i> , 2001, 21, 3159-3165.	2.3	143
90	Impaired Pulmonary Host Defense in Mice Lacking Expression of the CXC Chemokine Lungkine. <i>Journal of Immunology</i> , 2001, 166, 3362-3368.	0.8	76

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91	Requirement for the Chemokine Receptor Ccr6 in Allergic Pulmonary Inflammation. <i>Journal of Experimental Medicine</i> , 2001, 194, 551-556.	8.5	134
92	Aberrant in Vivo T Helper Type 2 Cell Response and Impaired Eosinophil Recruitment in Cc Chemokine Receptor 8 Knockout Mice. <i>Journal of Experimental Medicine</i> , 2001, 193, 573-584.	8.5	222
93	Molecular identification and characterization of the platelet ADP receptor targeted by thienopyridine antithrombotic drugs. <i>Journal of Clinical Investigation</i> , 2001, 107, 1591-1598.	8.2	367
94	T-lymphocyte production of macrophage inflammatory protein-1 β is critical to the recruitment of CD8+ T cells to the liver, lung, and spleen during graft-versus-host disease. <i>Blood</i> , 2000, 96, 2973-2980.	1.4	127
95	The Role of Macrophage Inflammatory Protein-1 β /CCL3 in Regulation of T Cell-Mediated Immunity to <i>Cryptococcus neoformans</i> Infection. <i>Journal of Immunology</i> , 2000, 165, 6429-6436.	0.8	92
96	Differential Expression of CC Chemokines and the CCR5 Receptor in the Pancreas Is Associated with Progression to Type I Diabetes. <i>Journal of Immunology</i> , 2000, 165, 1102-1110.	0.8	144
97	CCR6 Mediates Dendritic Cell Localization, Lymphocyte Homeostasis, and Immune Responses in Mucosal Tissue. <i>Immunity</i> , 2000, 12, 495-503.	14.3	478
98	Murine T Lymphocytes Incapable of Producing Macrophage Inhibitory Protein-1 α Are Impaired in Causing Graft-Versus-Host Disease Across a Class I But Not Class II Major Histocompatibility Complex Barrier. <i>Blood</i> , 1999, 93, 43-50.	1.4	40
99	Murine endotoxin-induced uveitis, but not immune complex-induced uveitis, is dependent on the IL-8 receptor homolog. <i>Current Eye Research</i> , 1999, 19, 76-85.	1.5	20
100	Murine T Lymphocytes Incapable of Producing Macrophage Inhibitory Protein-1 α Are Impaired in Causing Graft-Versus-Host Disease Across a Class I But Not Class II Major Histocompatibility Complex Barrier. <i>Blood</i> , 1999, 93, 43-50.	1.4	3
101	Absence of Macrophage Inflammatory Protein-1 β Prevents the Development of Blinding Herpes Stromal Keratitis. <i>Journal of Virology</i> , 1998, 72, 3705-3710.	3.4	117
102	Gene targeting strategies to study chemokine function in vivo. <i>Methods in Enzymology</i> , 1997, 287, 186-206.	1.0	0
103	Two chemotactic factors, C5a and MIP-1 β , dramatically alter the mortality from zymosan-induced multiple organ dysfunction syndrome (MODS): C5a contributes to MODS while MIP-1 β has a protective role. <i>Molecular Immunology</i> , 1996, 33, 1135-1137.	2.2	22
104	Proliferation of multipotent hematopoietic cells controlled by a truncated erythropoietin receptor transgene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9402-9407.	7.1	24
105	The role of MIP-1 β in Inflammation and hematopoiesis. <i>Journal of Leukocyte Biology</i> , 1996, 59, 61-66.	3.3	194
106	Requirement of Mip-1 β for an Inflammatory Response to Viral Infection. <i>Science</i> , 1995, 269, 1583-1585.	12.6	626