

# William J Janssen

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

5,159  
citations

147726

31  
h-index

98753

67  
g-index

69  
all docs

69  
docs citations

69  
times ranked

8300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased histone-DNA complexes and endothelial-dependent thrombin generation in severe COVID-19. <i>Vascular Pharmacology</i> , 2022, 142, 106950.	1.0	13
2	Excess neuropeptides in lung signal through endothelial cells to impair gas exchange. <i>Developmental Cell</i> , 2022, 57, 839-853.e6.	3.1	14
3	SARS-CoV-2 infection relaxes peripheral B cell tolerance. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	10
4	Isolation and Analysis of Macrophage Subsets from the Mouse and Human Lung. <i>Methods in Molecular Biology</i> , 2022, , 257-267.	0.4	1
5	Airspace Macrophages and Monocytes Exist in Transcriptionally Distinct Subsets in Healthy Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 946-956.	2.5	63
6	Disulfide disruption reverses mucus dysfunction in allergic airway disease. <i>Nature Communications</i> , 2021, 12, 249.	5.8	36
7	Air-Inflation of Murine Lungs with Vascular Perfusion-Fixation. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
8	Interstitial macrophage-derived thrombospondin-1 contributes to hypoxia-induced pulmonary hypertension. <i>Cardiovascular Research</i> , 2020, 116, 2021-2030.	1.8	34
9	Human and Mouse Transcriptome Profiling Identifies Cross-Species Homology in Pulmonary and Lymph Node Mononuclear Phagocytes. <i>Cell Reports</i> , 2020, 33, 108337.	2.9	38
10	NF- $\kappa$ B mediates lipopolysaccharide-induced alternative pre-mRNA splicing of MyD88 in mouse macrophages. <i>Journal of Biological Chemistry</i> , 2020, 295, 6236-6248.	1.6	13
11	Localization of Macrophages in the Human Lung via Design-based Stereology. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1209-1217.	2.5	44
12	Cholesterol-25-hydroxylase promotes efferocytosis and resolution of lung inflammation. <i>JCI Insight</i> , 2020, 5, .	2.3	35
13	Inflammation-Induced Alternative Pre-mRNA Splicing in Mouse Alveolar Macrophages. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 555-567.	0.8	17
14	Improving the Quality and Reproducibility of Flow Cytometry in the Lung. An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 150-161.	1.4	49
15	Redistribution of EC $\alpha$ SOD resolves bleomycin $\alpha$ induced inflammation <i>via</i> increased apoptosis of recruited alveolar macrophages. <i>FASEB Journal</i> , 2019, 33, 13465-13475.	0.2	14
16	Inflammation via myeloid differentiation primary response gene 88 signaling mediates the fibrotic response to implantable synthetic poly(ethylene glycol) hydrogels. <i>Acta Biomaterialia</i> , 2019, 100, 105-117.	4.1	25
17	Cholestenic acid is a prognostic biomarker in acute respiratory distress syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 440-442.e8.	1.5	4
18	Single cell RNA sequencing identifies unique inflammatory airspace macrophage subsets. <i>JCI Insight</i> , 2019, 4, .	2.3	167

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19	Deletion of c-FLIP from CD11b <sup>+</sup> Macrophages Prevents Development of Bleomycin-induced Lung Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 66-78.	1.4	128
20	Phagocytosis of microparticles by alveolar macrophages during acute lung injury requires MerTK. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L69-L82.	1.3	57
21	Mucociliary Defense: Emerging Cellular, Molecular, and Animal Models. <i>Annals of the American Thoracic Society</i> , 2018, 15, S210-S215.	1.5	23
22	Recombinant IFN- $\beta$ for Postseptic Acute Lung Injury—What’s the Mechanism?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 1-2.	1.4	5
23	Rapid clearance of heavy chain-modified hyaluronan during resolving acute lung injury. <i>Respiratory Research</i> , 2018, 19, 107.	1.4	19
24	IL-13 induces periostin and eotaxin expression in human primary alveolar epithelial cells: Comparison with paired airway epithelial cells. <i>PLoS ONE</i> , 2018, 13, e0196256.	1.1	17
25	Modulation of Myeloid Cell Function Using Conditional and Inducible Transgenic Approaches. <i>Methods in Molecular Biology</i> , 2018, 1809, 145-168.	0.4	0
26	Mouse Models of Viral Infection. <i>Methods in Molecular Biology</i> , 2018, 1809, 395-414.	0.4	5
27	CD73 regulates anti-inflammatory signaling between apoptotic cells and endotoxin-conditioned tissue macrophages. <i>Cell Death and Differentiation</i> , 2017, 24, 559-570.	5.0	45
28	Dual RNA-seq reveals viral infections in asthmatic children without respiratory illness which are associated with changes in the airway transcriptome. <i>Genome Biology</i> , 2017, 18, 12.	3.8	59
29	Three Unique Interstitial Macrophages in the Murine Lung at Steady State. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 66-76.	1.4	350
30	Cell Origin Dictates Programming of Resident versus Recruited Macrophages during Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 294-306.	1.4	139
31	A Time- and Compartment-Specific Activation of Lung Macrophages in Hypoxic Pulmonary Hypertension. <i>Journal of Immunology</i> , 2017, 198, 4802-4812.	0.4	66
32	TGF- $\beta$ activation by bone marrow-derived thrombospondin-1 causes Schistosoma- and hypoxia-induced pulmonary hypertension. <i>Nature Communications</i> , 2017, 8, 15494.	5.8	102
33	Neutrophil transfer of <i>miR-223</i> to lung epithelial cells dampens acute lung injury in mice. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	162
34	Promoter Specificity and Efficacy in Conditional and Inducible Transgenic Targeting of Lung Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 1618.	2.2	78
35	Power of Place: Intravascular Superoxide Dismutase for Prevention of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 147-149.	1.4	2
36	Power of Place: Intravascular Superoxide Dismutase for Prevention of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 147-149.	1.4	3

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37	Selective and inducible targeting of CD11b+mononuclear phagocytes in the murine lung with hCD68-rtTA transgenic systems. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L87-L100.	1.3	15
38	Scratching Below the Surface. New England Journal of Medicine, 2016, 375, 2188-2193.	13.9	1
39	Control of lung defence by mucins and macrophages: ancient defence mechanisms with modern functions. European Respiratory Journal, 2016, 48, 1201-1214.	3.1	64
40	MicroRNA-34a Negatively Regulates Efferocytosis by Tissue Macrophages in Part via SIRT1. Journal of Immunology, 2016, 196, 1366-1375.	0.4	35
41	Flow Cytometric Analysis of Mononuclear Phagocytes in Nondiseased Human Lung and Lung-Draining Lymph Nodes. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 614-626.	2.5	137
42	Transcriptome analysis highlights the conserved difference between embryonic and postnatal-derived alveolar macrophages. Blood, 2015, 126, 1357-1366.	0.6	191
43	Tracheal Dysplasia Precedes Bronchial Dysplasia in Mouse Model of N-Nitroso Trischloroethylurea Induced Squamous Cell Lung Cancer. PLoS ONE, 2015, 10, e0122823.	1.1	18
44	Endogenous airway mucins carry glycans that bind Siglec-F and induce eosinophil apoptosis. Journal of Allergy and Clinical Immunology, 2015, 135, 1329-1340.e9.	1.5	72
45	The polymeric mucin Muc5ac is required for allergic airway hyperreactivity. Nature Communications, 2015, 6, 6281.	5.8	223
46	The Causal Role of IL-4 and IL-13 in <i>Schistosoma mansoni</i> Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 998-1008.	2.5	71
47	Kinetics of the angiogenic response in lung endothelium following acute inflammatory injury with bleomycin. Experimental Lung Research, 2014, 40, 415-425.	0.5	4
48	Fas ligand-expressing lymphocytes enhance alveolar macrophage apoptosis in the resolution of acute pulmonary inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L62-L70.	1.3	18
49	Muc5b is required for airway defence. Nature, 2014, 505, 412-416.	13.7	617
50	Dendritic cell subsets require cis-activation for cytotoxic CD8 T-cell induction. Nature Communications, 2014, 5, 4674.	5.8	105
51	Protein Tyrosine Phosphatase $\hat{\pm}$ Mediates Profibrotic Signaling in Lung Fibroblasts through TGF- $\hat{2}$ Responsiveness. American Journal of Pathology, 2014, 184, 1489-1502.	1.9	31
52	Circulating Hematopoietic Progenitor Cells are Decreased in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 11, 131101114106009.	0.7	20
53	Endothelial glycocalyx degradation predisposes for transfusion-associated acute lung injury. FASEB Journal, 2013, 27, 724.1.	0.2	1
54	Increased Lymphatic Vessel Length Is Associated With the Fibroblast Reticulum and Disease Severity in Usual Interstitial Pneumonia and Nonspecific Interstitial Pneumonia. Chest, 2012, 142, 1569-1576.	0.4	26

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55	Cellular Regulation of the Inflammatory Response. <i>Toxicologic Pathology</i> , 2012, 40, 166-173.	0.9	40
56	The pulmonary endothelial glycocalyx regulates neutrophil adhesion and lung injury during experimental sepsis. <i>Nature Medicine</i> , 2012, 18, 1217-1223.	15.2	631
57	Fas Determines Differential Fates of Resident and Recruited Macrophages during Resolution of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 547-560.	2.5	278
58	Development and characterization of a lung-protective method of bone marrow transplantation in the mouse. <i>Journal of Immunological Methods</i> , 2010, 357, 1-9.	0.6	17
59	TNF $\alpha$ inhibits apoptotic cell clearance in the lung, exacerbating acute inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L586-L595.	1.3	45
60	Cigarette Smoke Impairs Clearance of Apoptotic Cells through Oxidant-dependent Activation of RhoA. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 1011-1021.	2.5	143
61	Acute Exacerbations of Fibrotic Hypersensitivity Pneumonitis. <i>Chest</i> , 2008, 134, 844-850.	0.4	84
62	Dyspnea, Chest Pain, and Altered Mental Status in a 33-Year-Old Carpenter. <i>Chest</i> , 2008, 134, 1074-1079.	0.4	2
63	Surfactant Proteins A and D Suppress Alveolar Macrophage Phagocytosis via Interaction with SIRP $\alpha$ . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 158-167.	2.5	181
64	Stridor in a 47-Year-Old Man With Inflammatory Bowel Disease. <i>Chest</i> , 2006, 129, 1100-1106.	0.4	27
65	Lovastatin Enhances Clearance of Apoptotic Cells (Efferocytosis) with Implications for Chronic Obstructive Pulmonary Disease. <i>Journal of Immunology</i> , 2006, 176, 7657-7665.	0.4	200
66	Persistent Radiographic Infiltrates in a Patient With Chronic Cough. <i>Chest</i> , 2005, 128, 1878-1881.	0.4	1
67	A Perfect Storm. <i>New England Journal of Medicine</i> , 2005, 353, 1956-1961.	13.9	3
68	Why "Why" Matters. <i>New England Journal of Medicine</i> , 2004, 351, 2429-2434.	13.9	20