

Janet S Lee

List of Publications by Year in Descending Order

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	1,744 citations	24 h-index	41 g-index
66 ext. papers	2,346 ext. citations	7.1 avg, IF	4.53 L-index

#	Paper	IF	Citations
60	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022 , 66, e1-e14	5.7	5
59	Protein arginine N-methyltransferase 4 (PRMT4) contributes to lymphopenia in experimental sepsis.. <i>Thorax</i> , 2022 ,	7.3	1
58	Machine learning based algorithms to impute PaO from SpO values and development of an online calculator.. <i>Scientific Reports</i> , 2022 , 12, 8235	4.9	1
57	Stability of SARS-CoV-2-Encoded Proteins and Their Antibody Levels Correlate with Interleukin 6 in COVID-19 Patients.. <i>MSystems</i> , 2022 , e0005822	7.6	1
56	Interleukin-36 Cytokines in Infectious and Non-Infectious Lung Diseases. <i>Frontiers in Immunology</i> , 2021 , 12, 754702	8.4	2
55	Critically ill COVID-19 patients exhibit peripheral immune profiles predictive of mortality and reflective of SARS-CoV-2 viral burden in the lung. <i>Cell Reports Medicine</i> , 2021 , 100476	18	1
54	Finding Order in the Chaos: Outstanding Questions in Klebsiella pneumoniae Pathogenesis. <i>Infection and Immunity</i> , 2021 , 89,	3.7	13
53	Thrombospondin-1 Restricts Interleukin-36 Mediated Neutrophilic Inflammation during Pseudomonas aeruginosa Pulmonary Infection. <i>MBio</i> , 2021 , 12,	7.8	1
52	Elastase Activity From Pseudomonas aeruginosa Respiratory Isolates and ICU Mortality. <i>Chest</i> , 2021 , 160, 1624-1633	5.3	2
51	COVID-19 versus Non-COVID-19 Acute Respiratory Distress Syndrome: Comparison of Demographics, Physiologic Parameters, Inflammatory Biomarkers, and Clinical Outcomes. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1202-1210	4.7	20
50	Lower Respiratory Tract Myeloid Cells Harbor SARS-Cov-2 and Display an Inflammatory Phenotype. <i>Chest</i> , 2021 , 159, 963-966	5.3	4
49	Bifurcated monocyte states are predictive of mortality in severe COVID-19 2021 ,		4
48	SARS-CoV-2 Viremia is Associated with COVID-19 Severity and Predicts Clinical Outcomes. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	20
47	A new thiol-independent mechanism of epithelial host defense against Pseudomonas aeruginosa: iNOS/NO sabotage of theft-ferroptosis. <i>Redox Biology</i> , 2021 , 45, 102045	11.3	5
46	Neutrophils and lymphopenia, an unknown axis in severe COVID-19 disease. <i>PLoS Pathogens</i> , 2021 , 17, e1009850	7.6	7
45	Endotoxin stabilizes protein arginine methyltransferase 4 (PRMT4) protein triggering death of lung epithelia. <i>Cell Death and Disease</i> , 2021 , 12, 828	9.8	0
44	Rapid postmortem ventilation improves donor lung viability by extending the tolerable warm ischemic time after cardiac death in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L653-L662	5.8	1

43	Stressed erythrophagocytosis induces immunosuppression during sepsis through heme-mediated STAT1 dysregulation. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	8
42	Intractable Coronavirus Disease 2019 (COVID-19) and Prolonged Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Replication in a Chimeric Antigen Receptor-Modified T-Cell Therapy Recipient: A Case Study. <i>Clinical Infectious Diseases</i> , 2021 , 73, e815-e821	11.6	52
41	Increased Alternative Complement Pathway Function and Improved Survival during Critical Illness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 230-240	10.2	14
40	Practical Guidelines for Collection, Manipulation and Inactivation of SARS-CoV-2 and COVID-19 Clinical Specimens. <i>Current Protocols in Cytometry</i> , 2020 , 93, e77	3.6	24
39	The evolution of radiographic edema in ARDS and its association with clinical outcomes: A prospective cohort study in adult patients. <i>Journal of Critical Care</i> , 2020 , 56, 222-228	4	10
38	Single cell RNA sequencing identifies an early monocyte gene signature in acute respiratory distress syndrome. <i>JCI Insight</i> , 2020 , 5,	9.9	13
37	Inclusion in the Pulmonary, Critical Care, and Sleep Medicine Physician-Scientist Workforce. Building with Intention. <i>ATS Scholar</i> , 2020 , 1, 353-363	1.6	2
36	Brief Report: Hydroxychloroquine does not induce hemolytic anemia or organ damage in a "humanized" G6PD A- mouse model. <i>PLoS ONE</i> , 2020 , 15, e0240266	3.7	2
35	Frontline Science: Rev-Erb α links blue light with enhanced bacterial clearance and improved survival in murine <i>Klebsiella pneumoniae</i> pneumonia. <i>Journal of Leukocyte Biology</i> , 2020 , 107, 11-25	6.5	4
34	Platelets inhibit apoptotic lung epithelial cell death and protect mice against infection-induced lung injury. <i>Blood Advances</i> , 2019 , 3, 432-445	7.8	13
33	Host-Response Subphenotypes Offer Prognostic Enrichment in Patients With or at Risk for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2019 , 47, 1724-1734	1.4	33
32	Label-free Neutrophil Enrichment from Patient-derived Airway Secretion Using Closed-loop Inertial Microfluidics. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	2
31	Thrombospondin-1 protects against pathogen-induced lung injury by limiting extracellular matrix proteolysis. <i>JCI Insight</i> , 2018 , 3,	9.9	21
30	Translational Sepsis Research: Spanning the Divide. <i>Critical Care Medicine</i> , 2018 , 46, 1497-1505	1.4	7
29	<i>Pseudomonas aeruginosa</i> utilizes host polyunsaturated phosphatidylethanolamines to trigger theft-ferroptosis in bronchial epithelium. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4639-4653	15.9	71
28	The mito-DAMP cardiolipin blocks IL-10 production causing persistent inflammation during bacterial pneumonia. <i>Nature Communications</i> , 2017 , 8, 13944	17.4	69
27	<i>Pseudomonas aeruginosa</i> sabotages the generation of host proresolving lipid mediators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 136-141	11.5	47
26	A checklist is associated with increased quality of reporting preclinical biomedical research: A systematic review. <i>PLoS ONE</i> , 2017 , 12, e0183591	3.7	58

25	LPS impairs oxygen utilization in epithelia by triggering degradation of the mitochondrial enzyme Alcat1. <i>Journal of Cell Science</i> , 2016 , 129, 51-64	5.3	17
24	Sickle Cell Trait Increases Red Blood Cell Storage Hemolysis and Post-Transfusion Clearance in Mice. <i>EBioMedicine</i> , 2016 , 11, 239-248	8.8	25
23	IL-17 Receptor Signaling in the Lung Epithelium Is Required for Mucosal Chemokine Gradients and Pulmonary Host Defense against <i>K. pneumoniae</i> . <i>Cell Host and Microbe</i> , 2016 , 20, 596-605	23.4	78
22	Full Spectrum of LPS Activation in Alveolar Macrophages of Healthy Volunteers by Whole Transcriptomic Profiling. <i>PLoS ONE</i> , 2016 , 11, e0159329	3.7	18
21	CD36 Provides Host Protection Against <i>Klebsiella pneumoniae</i> Intrapulmonary Infection by Enhancing Lipopolysaccharide Responsiveness and Macrophage Phagocytosis. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1865-1875	7	19
20	Dichotomous roles for externalized cardiolipin in extracellular signaling: Promotion of phagocytosis and attenuation of innate immunity. <i>Science Signaling</i> , 2015 , 8, ra95	8.8	49
19	Caveolae-dependent and -independent uptake of albumin in cultured rodent pulmonary endothelial cells. <i>PLoS ONE</i> , 2013 , 8, e81903	3.7	38
18	Acute exacerbation of subclinical pulmonary fibrosis after red blood cell transfusion: a case report. <i>Transfusion</i> , 2012 , 52, 589-94	2.9	3
17	Heterogeneity of lung mononuclear phagocytes in chronic obstructive pulmonary disease. <i>Journal of Innate Immunity</i> , 2012 , 4, 489-97	6.9	15
16	Persistence of elevated plasma CXCL8 concentrations following red blood cell transfusion in a trauma cohort. <i>Shock</i> , 2012 , 37, 373-7	3.4	5
15	Duffy antigen receptor for chemokines mediates chemokine endocytosis through a macropinocytosis-like process in endothelial cells. <i>PLoS ONE</i> , 2011 , 6, e29624	3.7	13
14	Red blood cell microparticles show altered inflammatory chemokine binding and release ligand upon interaction with platelets. <i>Transfusion</i> , 2011 , 51, 610-21	2.9	56
13	Storage lesion: role of red blood cell breakdown. <i>Transfusion</i> , 2011 , 51, 844-51	2.9	195
12	CX3CR1+ lung mononuclear phagocytes spatially confined to the interstitium produce TNF- α and IL-6 and promote cigarette smoke-induced emphysema. <i>Journal of Immunology</i> , 2011 , 186, 3206-14	5.3	45
11	Correlation Between Female Gender and the Red Blood Cell Propensity to Hemolyze Under Various Stresses. <i>Blood</i> , 2011 , 118, 2325-2325	2.2	2
10	Bad blood: the risks of red cell storage. <i>Nature Medicine</i> , 2010 , 16, 381-2	50.5	62
9	The influence of radiographic phenotype and smoking status on peripheral blood biomarker patterns in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2009 , 4, e6865	3.7	38
8	Loss of red cell chemokine scavenging promotes transfusion-related lung inflammation. <i>Blood</i> , 2009 , 113, 1158-66	2.2	96

7	CX3CL1 up-regulation is associated with recruitment of CX3CR1+ mononuclear phagocytes and T lymphocytes in the lungs during cigarette smoke-induced emphysema. <i>American Journal of Pathology</i> , 2008 , 173, 949-61	5.8	55
6	Inverse association of plasma IL-13 and inflammatory chemokines with lung function impairment in stable COPD: a cross-sectional cohort study. <i>Respiratory Research</i> , 2007 , 8, 64	7.3	41
5	The Duffy antigen modifies systemic and local tissue chemokine responses following lipopolysaccharide stimulation. <i>Journal of Immunology</i> , 2006 , 177, 8086-94	5.3	67
4	TLR-4 pathway mediates the inflammatory response but not bacterial elimination in E. coli pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 289, L731-8	5.8	50
3	Optimal timing to repopulation of resident alveolar macrophages with donor cells following total body irradiation and bone marrow transplantation in mice. <i>Journal of Immunological Methods</i> , 2004 , 292, 25-34	2.5	61
2	Duffy antigen facilitates movement of chemokine across the endothelium in vitro and promotes neutrophil transmigration in vitro and in vivo. <i>Journal of Immunology</i> , 2003 , 170, 5244-51	5.3	127
1	Enhanced expression of Duffy antigen in the lungs during suppurative pneumonia. <i>Journal of Histochemistry and Cytochemistry</i> , 2003 , 51, 159-66	3.4	27