

# Theodore J Standiford

## List of Publications by Year in descending order

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71  
papers

4,068  
citations

136950

32  
h-index

118850

62  
g-index

71  
all docs

71  
docs citations

71  
times ranked

5419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-8 (IL-8): The Major Neutrophil Chemotactic Factor in the Lung. <i>Experimental Lung Research</i> , 1991, 17, 17-23.	1.2	528
2	Enrichment of the lung microbiome with gut bacteria in sepsis and the acute respiratory distress syndrome. <i>Nature Microbiology</i> , 2016, 1, 16113.	13.3	433
3	Human Alveolar Macrophage Gene Expression of Interleukin-8 by Tumor Necrosis Factor- $\alpha$ , Lipopolysaccharide, and Interleukin-1 $\beta$ . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990, 2, 321-326.	2.9	214
4	Sepsis-induced suppression of lung innate immunity is mediated by IRAK-M. <i>Journal of Clinical Investigation</i> , 2006, 116, 2532-42.	8.2	191
5	A role for C-C chemokines in fibrotic lung disease. <i>Journal of Leukocyte Biology</i> , 1995, 57, 782-787.	3.3	174
6	Neutrophil transfer of miR-223 to lung epithelial cells dampens acute lung injury in mice. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	162
7	Pulmonary Fibroblast Expression of Interleukin-8: A Model for Alveolar Macrophage-derived Cytokine Networking. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1991, 5, 493-501.	2.9	148
8	Therapeutic targeting of acute lung injury and acute respiratory distress syndrome. <i>Translational Research</i> , 2016, 167, 183-191.	5.0	148
9	A randomized trial of recombinant human granulocyte-macrophage colony stimulating factor for patients with acute lung injury*. <i>Critical Care Medicine</i> , 2012, 40, 90-97.	0.9	134
10	Peroxisome Proliferator-activated Receptor- $\alpha$ as a Regulator of Lung Inflammation and Repair. <i>Proceedings of the American Thoracic Society</i> , 2005, 2, 226-231.	3.5	122
11	Critical Role of IL-1 Receptor-Associated Kinase-M in Regulating Chemokine-Dependent Deleterious Inflammation in Murine Influenza Pneumonia. <i>Journal of Immunology</i> , 2010, 184, 1410-1418.	0.8	101
12	Immunization with 3-oxododecanoyl-l-homoserine lactone-protein conjugate protects mice from lethal <i>Pseudomonas aeruginosa</i> lung infection. <i>Journal of Medical Microbiology</i> , 2006, 55, 1381-1387.	1.8	98
13	Effect of IL-10 on Neutrophil Recruitment and Survival after <i>Pseudomonas aeruginosa</i> Challenge. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 76-84.	2.9	88
14	C-C chemokine-induced eosinophil chemotaxis during allergic airway inflammation. <i>Journal of Leukocyte Biology</i> , 1996, 60, 573-578.	3.3	84
15	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2022, 10, 107-120.	10.7	83
16	Ethanol Feeding Impairs Innate Immunity and Alters the Expression of Th1- and Th2-Phenotype Cytokines in Murine <i>Klebsiella</i> Pneumonia. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 621-627.	2.4	81
17	Role of cytokines in pulmonary antimicrobial host defense. <i>Immunologic Research</i> , 1999, 20, 15-27.	2.9	75
18	Cecal Ligation and Puncture Results in Long-Term Central Nervous System Myeloid Inflammation. <i>PLoS ONE</i> , 2016, 11, e0149136.	2.5	72

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19	Sepsis and Nosocomial Infection: Patient Characteristics, Mechanisms, and Modulation. <i>Frontiers in Immunology</i> , 2018, 9, 2446.	4.8	62
20	Metformin Mediates Protection against <i>Legionella</i> Pneumonia through Activation of AMPK and Mitochondrial Reactive Oxygen Species. <i>Journal of Immunology</i> , 2018, 200, 623-631.	0.8	61
21	Role of Toll-like receptor 2 in recognition of <i>Legionella pneumophila</i> in a murine pneumonia model. <i>Journal of Medical Microbiology</i> , 2007, 56, 305-312.	1.8	57
22	Expression and Regulation of Human Alveolar Macrophage-derived Interleukin-1 Receptor Antagonist. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992, 6, 569-575.	2.9	48
23	Interleukin-36 $\beta$ and IL-36 receptor signaling mediate impaired host immunity and lung injury in cytotoxic <i>Pseudomonas aeruginosa</i> pulmonary infection: Role of prostaglandin E2. <i>PLoS Pathogens</i> , 2017, 13, e1006737.	4.7	48
24	A Role for IL-1 Receptor-Associated Kinase-M in Prostaglandin E2-Induced Immunosuppression Post-Bone Marrow Transplantation. <i>Journal of Immunology</i> , 2010, 184, 6299-6308.	0.8	47
25	IRAK-M Promotes Alternative Macrophage Activation and Fibroproliferation in Bleomycin-Induced Lung Injury. <i>Journal of Immunology</i> , 2015, 194, 1894-1904.	0.8	47
26	IL-36 $\beta$ is secreted in microparticles and exosomes by lung macrophages in response to bacteria and bacterial components. <i>Journal of Leukocyte Biology</i> , 2016, 100, 413-421.	3.3	47
27	MicroRNA-155 regulates host immune response to postviral bacterial pneumonia via IL-23/IL-17 pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L465-L475.	2.9	47
28	Phagocytosed Clofazimine Biocrystals Can Modulate Innate Immune Signaling by Inhibiting TNF $\alpha$ and Boosting IL-1RA Secretion. <i>Molecular Pharmaceutics</i> , 2015, 12, 2517-2527.	4.6	44
29	Epithelial-mesenchymal transition-associated secretory phenotype predicts survival in lung cancer patients. <i>Carcinogenesis</i> , 2014, 35, 1292-1300.	2.8	37
30	S100A8/A9 Drives Neuroinflammatory Priming and Protects against Anxiety-like Behavior after Sepsis. <i>Journal of Immunology</i> , 2018, 200, 3188-3200.	0.8	36
31	Role of alveolar epithelial cell intercellular adhesion molecule-1 in host defense against <i>Klebsiella pneumoniae</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999, 276, L961-L970.	2.9	34
32	Clofazimine Biocrystal Accumulation in Macrophages Upregulates Interleukin 1 Receptor Antagonist Production To Induce a Systemic Anti-Inflammatory State. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3470-3479.	3.2	33
33	Detection of Fibroproliferation by Chest High-Resolution CT Scan in Resolving ARDS. <i>Chest</i> , 2014, 146, 1196-1204.	0.8	28
34	Epigenetic Regulation of Tolerance to Toll-Like Receptor Ligands in Alveolar Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 872-881.	2.9	28
35	Serum citrullinated histone H3 concentrations differentiate patients with septic versus non-septic shock and correlate with disease severity. <i>Infection</i> , 2021, 49, 83-93.	4.7	28
36	Redundant and Cooperative Interactions between TLR5 and NLRC4 in Protective Lung Mucosal Immunity against <i>Pseudomonas aeruginosa</i> . <i>Journal of Innate Immunity</i> , 2015, 7, 177-186.	3.8	27

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37	Psychiatric Symptoms in Survivors of Acute Respiratory Distress Syndrome. Effects of Age, Sex, and Immune Modulation. <i>Annals of the American Thoracic Society</i> , 2017, 14, 960-967.	3.2	27
38	Peptidylarginine deiminase 2 has potential as both a biomarker and therapeutic target of sepsis. <i>JCI Insight</i> , 2020, 5, .	5.0	27
39	Associations of the plasma lipidome with mortality in the acute respiratory distress syndrome: a longitudinal cohort study. <i>Respiratory Research</i> , 2018, 19, 60.	3.6	26
40	Disruption of Neutrophil Extracellular Traps (NETs) Links Mechanical Strain to Post-traumatic Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 2148.	4.8	25
41	IL-24 Promotes <i>Pseudomonas aeruginosa</i> Keratitis in C57BL/6 Mouse Corneas. <i>Journal of Immunology</i> , 2017, 198, 3536-3547.	0.8	24
42	Serum amino acid concentrations and clinical outcomes in smokers: SPIROMICS metabolomics study. <i>Scientific Reports</i> , 2019, 9, 11367.	3.3	20
43	Linezolid Has Unique Immunomodulatory Effects in Post-Influenza Community Acquired MRSA Pneumonia. <i>PLoS ONE</i> , 2015, 10, e0114574.	2.5	18
44	IL-36 Cytokines Promote Inflammation in the Lungs of Long-Term Smokers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 173-182.	2.9	18
45	Disruption of histidine and energy homeostasis in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2019, Volume 14, 2015-2025.	2.3	17
46	Overlapping Roles for Interleukin-36 Cytokines in Protective Host Defense against Murine <i>Legionella pneumophila</i> Pneumonia. <i>Infection and Immunity</i> , 2019, 87, .	2.2	16
47	Thrombospondin-1 Restricts Interleukin-36-Mediated Neutrophilic Inflammation during <i>Pseudomonas aeruginosa</i> Pulmonary Infection. <i>MBio</i> , 2021, 12, .	4.1	15
48	Replenishing HDL with synthetic HDL has multiple protective effects against sepsis in mice. <i>Science Signaling</i> , 2022, 15, eab19322.	3.6	14
49	Potential Role of Gr-1 <sup>+</sup> CD8 <sup>+</sup> T Lymphocytes as a Source of Interferon- $\beta$ and M1/M2 Polarization during the Acute Phase of Murine <i>Legionella pneumophila</i> Pneumonia. <i>Journal of Innate Immunity</i> , 2018, 10, 328-338.	3.8	13
50	Interleukin-36 Cytokines in Infectious and Non-Infectious Lung Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 754702.	4.8	13
51	Sepsis survivor mice exhibit a behavioral endocrine syndrome with ventral hippocampal dysfunction. <i>Psychoneuroendocrinology</i> , 2020, 117, 104679.	2.7	12
52	Macrophage Polarization in Sarcoidosis: An Unexpected Accomplice?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 9-10.	2.9	10
53	Persistent Neuroinflammation and Brain-Specific Immune Priming in a Novel Survival Model of Murine Pneumosepsis. <i>Shock</i> , 2020, 54, 78-86.	2.1	10
54	Paradoxically high resistance of natural killer T (NKT) cell-deficient mice to <i>Legionella pneumophila</i> : another aspect of NKT cells for modulation of host responses. <i>Journal of Medical Microbiology</i> , 2008, 57, 1340-1348.	1.8	9

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55	Breaking the tolerance for tumor. <i>Oncolmunology</i> , 2012, 1, 340-345.	4.6	9
56	Pneumococcal conjugate vaccine modulates macrophage-mediated innate immunity in pneumonia caused by <i>Streptococcus pneumoniae</i> following influenza. <i>Microbes and Infection</i> , 2020, 22, 312-321.	1.9	8
57	Long-term survivors of murine sepsis are predisposed to enhanced LPS-induced lung injury and proinflammatory immune reprogramming. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L451-L465.	2.9	7
58	Citrullinated Histone H3 Mediates Sepsis-Induced Lung Injury Through Activating Caspase-1 Dependent Inflammasome Pathway. <i>Frontiers in Immunology</i> , 2021, 12, 761345.	4.8	7
59	Polysalicylic Acid Polymer Microparticle Decoys Therapeutically Treat Acute Respiratory Distress Syndrome. <i>Advanced Healthcare Materials</i> , 2022, 11, 2101534.	7.6	6
60	Inkjet-printed micro-calibration standards for ultraquantitative Raman spectral cytometry. <i>Analyst</i> , 2019, 144, 3790-3799.	3.5	5
61	IL-36 $\beta$ Enhances Host Defense against <i>Pseudomonas aeruginosa</i> Keratitis in C57BL/6 Mouse Corneas. <i>Journal of Immunology</i> , 2021, 207, 2868-2877.	0.8	5
62	A Role for Low Density Lipoprotein Receptor-Related Protein 1 in the Cellular Uptake of Tissue Plasminogen Activator in the Lungs. <i>Pharmaceutical Research</i> , 2016, 33, 72-82.	3.5	4
63	An Expandable Mechanopharmaceutical Device (3): a Versatile Raman Spectral Cytometry Approach to Study the Drug Cargo Capacity of Individual Macrophages. <i>Pharmaceutical Research</i> , 2019, 36, 2.	3.5	4
64	PPARs in Lung Biology and Disease. <i>PPAR Research</i> , 2007, 2007, 1-2.	2.4	2
65	Assessing Candidacy for Tracheostomy in Ventilated Patients With Coronavirus Disease 2019. <i>Chest</i> , 2021, 159, 454-455.	0.8	2
66	Antimicrobial defence capabilities of the lung. <i>Expert Opinion on Therapeutic Targets</i> , 1998, 2, 15-18.	1.0	0
67	Cyclic Di-GMP Signaling and Host Immunity. , 2014, , 304-310.		0
68	Reply: Comments on "Stressing the Brain" Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2018, 15, 115-115.	3.2	0
69	Matrix metalloproteinase-1 (interstitial collagenase) and matrix metalloproteinase-3 promote disease progression in acute lung injury. <i>FASEB Journal</i> , 2007, 21, A10.	0.5	0
70	Immunoregulatory role of Toll-like receptor 9 in septic peritonitis. <i>FASEB Journal</i> , 2008, 22, 672.5.	0.5	0
71	Abstract 159: Synthetic High Density Lipoprotein - a Potential Therapy for Sepsis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	2.4	0