

Mark D Wewers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5783886/publications.pdf>

Version: 2024-02-01

124
papers

9,910
citations

43973

48
h-index

35952

97
g-index

126
all docs

126
docs citations

126
times ranked

12960
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasome Activation in an In Vitro Sepsis Model Recapitulates Increased Monocyte Distribution Width Seen in Patients With Sepsis. , 2022, 4, e0631.		7
2	1419: BLOOD COLLECTION IN HEPARIN YIELDS HIGHER VALUES FOR MONOCYTE DISTRIBUTION WIDTH VERSUS EDTA. Critical Care Medicine, 2022, 50, 712-712.	0.4	0
3	The central inflammasome adaptor protein ASC activates the inflammasome after transition from a soluble to an insoluble state. Journal of Biological Chemistry, 2022, 298, 102024.	1.6	5
4	Saliva and Lung Microbiome Associations with Electronic Cigarette Use and Smoking. Cancer Prevention Research, 2022, 15, 435-446.	0.7	6
5	cAbl Kinase Regulates Inflammasome Activation and Pyroptosis via ASC Phosphorylation. Journal of Immunology, 2021, 206, 1329-1336.	0.4	7
6	DISULFIRAM EXERTS DOSE-DEPENDENT ACTIVATING AND INHIBITORY EFFECTS ON THE HUMAN INFLAMMASOME. Chest, 2021, 160, A1083.	0.4	0
7	Effects of Electronic Cigarette Constituents on the Human Lung: A Pilot Clinical Trial. Cancer Prevention Research, 2020, 13, 145-152.	0.7	60
8	Biomarkers of Exposure and Effect in the Lungs of Smokers, Nonsmokers, and Electronic Cigarette Users. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 443-451.	1.1	43
9	Vitamin E Acetate in Bronchoalveolar-Lavage Fluid Associated with EVALI. New England Journal of Medicine, 2020, 382, 697-705.	13.9	510
10	Lipid laden macrophages and electronic cigarettes in healthy adults. EBioMedicine, 2020, 60, 102982.	2.7	28
11	Inflammasome Adaptor ASC Is Highly Elevated in Lung Over Plasma and Relates to Inflammation and Lung Diffusion in the Absence of Speck Formation. Frontiers in Immunology, 2020, 11, 461.	2.2	10
12	Brief Report: Increased Cotinine Concentrations are Associated With Reduced Expression of Cathelicidin (LL-37) and NOD-2 in Alveolar Macrophages of PLWH Who Smoke. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 670-673.	0.9	0
13	Circulating Gasdermin-D in Critically Ill Patients. , 2019, 1, e0039.		11
14	Electronic versus Combustible Cigarette Effects on Inflammasome Component Release into Human Lung. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 922-925.	2.5	28
15	Microparticulate Caspase 1 Regulates Gasdermin D and Pulmonary Vascular Endothelial Cell Injury. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 56-64.	1.4	66
16	Francisella induced microparticulate caspase-1/gasdermin-D activation is regulated by NLRP3 independent of Pyrin. PLoS ONE, 2018, 13, e0209931.	1.1	2
17	Electronic Cigarettes and the Lung Proteome. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1350-1351.	2.5	1
18	Complement Receptor 3-Mediated Inhibition of Inflammasome Priming by Ras GTPase-Activating Protein During Francisella tularensis Phagocytosis by Human Mononuclear Phagocytes. Frontiers in Immunology, 2018, 9, 561.	2.2	13

#	ARTICLE	IF	CITATIONS
19	A Review of Pulmonary Toxicity of Electronic Cigarettes in the Context of Smoking: A Focus on Inflammation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1175-1191.	1.1	95
20	Modifications of <i>Pseudomonas aeruginosa</i> cell envelope in the cystic fibrosis airway alters interactions with immune cells. <i>Scientific Reports</i> , 2017, 7, 4761.	1.6	9
21	<i>Mycobacterium tuberculosis</i> Cell Wall Fragments Released upon Bacterial Contact with the Human Lung Mucosa Alter the Neutrophil Response to Infection. <i>Frontiers in Immunology</i> , 2017, 8, 307.	2.2	33
22	Blood-Borne Lipopolysaccharide Is Rapidly Eliminated by Liver Sinusoidal Endothelial Cells via High-Density Lipoprotein. <i>Journal of Immunology</i> , 2016, 197, 2390-2399.	0.4	91
23	Ethanol and Other Short-Chain Alcohols Inhibit NLRP3 Inflammasome Activation through Protein Tyrosine Phosphatase Stimulation. <i>Journal of Immunology</i> , 2016, 197, 1322-1334.	0.4	37
24	T cell-intrinsic ASC critically promotes TH17-mediated experimental autoimmune encephalomyelitis. <i>Nature Immunology</i> , 2016, 17, 583-592.	7.0	127
25	IL1 β Regulates Human Monocyte Pro-Inflammatory Responses Induced by <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2016, 11, e0161931.	1.1	24
26	The <i>Yersinia pestis</i> Effector YopM Inhibits Pyrin Inflammasome Activation. <i>PLoS Pathogens</i> , 2016, 12, e1006035.	2.1	98
27	Supernatants from stored red blood cell (RBC) units, but not RBC-derived microvesicles, suppress monocyte function in vitro. <i>Transfusion</i> , 2015, 55, 1937-1945.	0.8	44
28	Monocyte Caspase-1 Is Released in a Stable, Active High Molecular Weight Complex Distinct from the Unstable Cell Lysate-Activated Caspase-1. <i>PLoS ONE</i> , 2015, 10, e0142203.	1.1	60
29	Alpha 1-Antitrypsin Does Not Inhibit Human Monocyte Caspase-1. <i>PLoS ONE</i> , 2015, 10, e0117330.	1.1	8
30	House Dust Mite Allergens and the Induction of Monocyte Interleukin 1 β Production That Triggers an IL1 β -Dependent Granulocyte Macrophage Colony-Stimulating Factor Release from Human Lung Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 400-411.	1.4	26
31	Inflammasome Priming Is Similar for <i>Francisella</i> Species That Differentially Induce Inflammasome Activation. <i>PLoS ONE</i> , 2015, 10, e0127278.	1.1	21
32	Mononuclear Phagocyte-Derived Microparticulate Caspase-1 Induces Pulmonary Vascular Endothelial Cell Injury. <i>PLoS ONE</i> , 2015, 10, e0145607.	1.1	36
33	Microvesicular Caspase-1 Mediates Lymphocyte Apoptosis in Sepsis. <i>PLoS ONE</i> , 2014, 9, e90968.	1.1	39
34	Receptor Interacting Protein-2 Plays a Critical Role in Human Lung Epithelial Cells Survival in Response to Fas-Induced Cell-Death. <i>PLoS ONE</i> , 2014, 9, e92731.	1.1	12
35	Interleukin-1 and Interferon- β Orchestrate β -Glucan-Activated Human Dendritic Cell Programming via IL1 β Modulation. <i>PLoS ONE</i> , 2014, 9, e114516.	1.1	14
36	Virulent Type A <i>Francisella tularensis</i> actively suppresses cytokine responses in human monocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 45.	1.8	26

#	ARTICLE	IF	CITATIONS
37	Inflammasome Priming by Lipopolysaccharide Is Dependent upon ERK Signaling and Proteasome Function. <i>Journal of Immunology</i> , 2014, 192, 3881-3888.	0.4	188
38	The Great Imitator Gets Us Again (Multiple Pulmonary Nodules in Syphilis). <i>Chest</i> , 2014, 146, 129A.	0.4	0
39	Phospholipase A2 Activation by Poultry Particulate Matter is Mediated Through Extracellular Signal-Regulated Kinase in Lung Epithelial Cells: Regulation of Interleukin-8 Release. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 415-429.	0.9	5
40	Analysis of Human Bronchial Epithelial Cell Proinflammatory Response to <i>Burkholderia cenocepacia</i> Infection. <i>Journal of Biological Chemistry</i> , 2013, 288, 3691-3695.	1.6	19
41	Alpha-1 Antitrypsin Augmentation Therapy. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013, 10, 64-67.	0.7	37
42	Oxidatively Modified Low Density Lipoprotein (LDL) Inhibits TLR2 and TLR4 Cytokine Responses in Human Monocytes but Not in Macrophages. <i>Journal of Biological Chemistry</i> , 2012, 287, 23479-23488.	1.6	36
43	Critical role for phosphoinositide 3-kinase gamma in parasite invasion and disease progression of cutaneous leishmaniasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1251-1256.	3.3	42
44	Activation of the Pypin Inflammasome by Intracellular <i>Burkholderia cenocepacia</i> . <i>Journal of Immunology</i> , 2012, 188, 3469-3477.	0.4	115
45	Rare Complication of Aortic Aneurysm Repair. <i>Chest</i> , 2012, 142, 30A.	0.4	0
46	Caspase-11 Promotes the Fusion of Phagosomes Harboring Pathogenic Bacteria with Lysosomes by Modulating Actin Polymerization. <i>Immunity</i> , 2012, 37, 35-47.	6.6	164
47	Tyrosine phosphatase inhibition induces an ASC-dependent pyroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 384-389.	1.0	19
48	Francisella Recognition by Inflammasomes: Differences between Mice and Men. <i>Frontiers in Microbiology</i> , 2011, 2, 11.	1.5	33
49	Asc-Dependent and Independent Mechanisms Contribute to Restriction of <i>Legionella Pneumophila</i> Infection in Murine Macrophages. <i>Frontiers in Microbiology</i> , 2011, 2, 18.	1.5	37
50	IL-12 augments IL-12 and IL-18-mediated IFN- γ production in human NK cells. <i>Blood</i> , 2011, 117, 2855-2863.	0.6	54
51	Immunoparalysis and nosocomial infection in children with multiple organ dysfunction syndrome. <i>Intensive Care Medicine</i> , 2011, 37, 525-532.	3.9	270
52	Autophagy stimulation by rapamycin suppresses lung inflammation and infection by <i>Burkholderia cenocepacia</i> in a model of cystic fibrosis. <i>Autophagy</i> , 2011, 7, 1359-1370.	4.3	180
53	A comparison of zinc metabolism, inflammation, and disease severity in critically ill infected and noninfected adults early after intensive care unit admission. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1356-1364.	2.2	151
54	Apoptosis-associated Speck-like Protein (ASC) Controls <i>Legionella pneumophila</i> Infection in Human Monocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 3203-3208.	1.6	57

#	ARTICLE	IF	CITATIONS
55	Failure to recover somatotrophic axis function is associated with mortality from pediatric sepsis-induced multiple organ dysfunction syndrome*. Pediatric Critical Care Medicine, 2010, 11, 18-25.	0.2	20
56	Interleukin-1 β Selectively Expands and Sustains Interleukin-22+ Immature Human Natural Killer Cells in Secondary Lymphoid Tissue. Immunity, 2010, 32, 803-814.	6.6	180
57	Caspase-1-induced pyroptosis is an innate immune effector mechanism against intracellular bacteria. Nature Immunology, 2010, 11, 1136-1142.	7.0	1,074
58	Inflammasome-Dependent Release of the Alarmin HMGB1 in Endotoxemia. Journal of Immunology, 2010, 185, 4385-4392.	0.4	397
59	<i>Burkholderia cenocepacia</i> O polysaccharide chain contributes to caspase-1-dependent IL-1 β production in macrophages. Journal of Leukocyte Biology, 2010, 89, 481-488.	1.5	48
60	Mycoplasma Suppression of THP-1 Cell TLR Responses Is Corrected with Antibiotics. PLoS ONE, 2010, 5, e9900.	1.1	31
61	A Novel Role for IL-1 β in the Regulation of IFN γ Production. PLoS ONE, 2009, 4, e6776.	1.1	17
62	MAIL Regulates Human Monocyte IL-6 Production. Journal of Immunology, 2009, 183, 5358-5368.	0.4	30
63	Gene Expression Profiling Identifies MMP-12 and ADAMDEC1 as Potential Pathogenic Mediators of Pulmonary Sarcoidosis. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 929-938.	2.5	127
64	Caspase-7 Activation by the Nlr4/IpaF Inflammasome Restricts Legionella pneumophila Infection. PLoS Pathogens, 2009, 5, e1000361.	2.1	166
65	Pyrin Critical to Macrophage IL-1 β Response to <i>Francisella</i> Challenge. Journal of Immunology, 2009, 182, 7982-7989.	0.4	91
66	P2X7 receptor and macrophage function. Purinergic Signalling, 2009, 5, 189-195.	1.1	50
67	Monocyte Derived Microvesicles Deliver a Cell Death Message via Encapsulated Caspase-1. PLoS ONE, 2009, 4, e7140.	1.1	144
68	Monocyte activation by necrotic cells is promoted by mitochondrial proteins and formyl peptide receptors. Critical Care Medicine, 2009, 37, 2000-2009.	0.4	102
69	A synergistic role for IL-1 β and TNF α in monocyte-derived IFN γ inducing activity. Cytokine, 2008, 44, 234-241.	1.4	18
70	Inflammasome mRNA Expression in Human Monocytes during Early Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 983-988.	2.5	80
71	Sepsis: Links between Pathogen Sensing and Organ Damage. Current Pharmaceutical Design, 2008, 14, 1840-1852.	0.9	42
72	Microarray Analysis of Human Monocytes Infected with Francisella tularensis Identifies New Targets of Host Response Subversion. PLoS ONE, 2008, 3, e2924.	1.1	110

#	ARTICLE	IF	CITATIONS
73	The Stage-Specific Effect of Interleukin-1 Beta (IL-1 β) during Human Natural Killer Cell Development. <i>Blood</i> , 2008, 112, 3746-3746.	0.6	0
74	Apigenin Blocks Lipopolysaccharide-Induced Lethality In Vivo and Proinflammatory Cytokines Expression by Inactivating NF- κ B through the Suppression of p65 Phosphorylation. <i>Journal of Immunology</i> , 2007, 179, 7121-7127.	0.4	301
75	Pyrin Levels in Human Monocytes and Monocyte-Derived Macrophages Regulate IL-1 β Processing and Release. <i>Journal of Immunology</i> , 2007, 179, 1274-1281.	0.4	125
76	Monocyte mRNA Phenotype and Adverse Outcomes From Pediatric Multiple Organ Dysfunction Syndrome. <i>Pediatric Research</i> , 2007, 62, 597-603.	1.1	51
77	Adiponectin Inhibits Superoxide Generation by Human Neutrophils. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 2179-2186.	2.5	26
78	Caspase-1 Regulates Escherichia coli Sepsis and Splenic B Cell Apoptosis Independently of Interleukin-1 β and Interleukin-18. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 1003-1010.	2.5	142
79	Macrophage Pro-Inflammatory Response to Francisella novicida Infection Is Regulated by SHIP. <i>PLoS Pathogens</i> , 2006, 2, e71.	2.1	67
80	Internalization and phagosome escape required for Francisella to induce human monocyte IL-1 β processing and release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 141-146.	3.3	181
81	ASC Directs NF- κ B Activation by Regulating Receptor Interacting Protein-2 (RIP2) Caspase-1 Interactions. <i>Journal of Immunology</i> , 2006, 176, 4979-4986.	0.4	116
82	Lung CD4 Lymphocytes Predict Survival in Asymptomatic HIV Infection. <i>Chest</i> , 2005, 128, 2262-2267.	0.4	9
83	Regulation of Monocyte Apoptosis by the Protein Kinase C δ -dependent Phosphorylation of Caspase-3. <i>Journal of Biological Chemistry</i> , 2005, 280, 17371-17379.	1.6	80
84	IL-1 β : An endosomal exit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10241-10242.	3.3	49
85	Janus Kinase 3 Down-Regulates Lipopolysaccharide-Induced IL-1 β -Converting Enzyme Activation by Autocrine IL-10. <i>Journal of Immunology</i> , 2004, 172, 4948-4955.	0.4	26
86	IL-16 Is Constitutively Present in Peripheral Blood Monocytes and Spontaneously Released During Apoptosis. <i>Journal of Immunology</i> , 2004, 172, 7721-7725.	0.4	52
87	Lipopolysaccharide-Induced Macrophage Inflammatory Response Is Regulated by SHIP. <i>Journal of Immunology</i> , 2004, 173, 360-366.	0.4	142
88	A Novel P2X7 Receptor Activator, the Human Cathelicidin-Derived Peptide LL37, Induces IL-1 β Processing and Release. <i>Journal of Immunology</i> , 2004, 172, 4987-4994.	0.4	391
89	Abnormal permeability of inner and outer mitochondrial membranes contributes independently to mitochondrial dysfunction in the liver during acute endotoxemia*. <i>Critical Care Medicine</i> , 2004, 32, 478-488.	0.4	85
90	α 1 -Antitrypsin Deficiency. <i>Chest</i> , 2004, 125, 1607-1609.	0.4	5

#	ARTICLE	IF	CITATIONS
91	Regional Differences in Emphysema Scores and BAL Glutathione Levels in HIV-Infected Individuals. Chest, 2004, 126, 1439-1442.	0.4	19
92	INTERLEUKIN 6 (IL6) AND INDUCTION OF PROLONGED MONOCYTE DEACTIVATION (PMD). Critical Care Medicine, 2004, 32, A133.	0.4	0
93	HIV-1 Infection Does Not Impair Human Alveolar Macrophage Phagocytic Function Unless Combined With Cigarette Smoking. Chest, 2004, 125, 1071-1076.	0.4	38
94	Treatment of Acute Respiratory Distress Syndrome with Recombinant Surfactant Protein C Surfactant. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1562-1566.	2.5	165
95	The Acute Respiratory Distress Syndrome. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 499-503.	1.4	115
96	Interleukin-4 Induced Apoptosis Entails Caspase Activation and Suppression of Extracellular Signal Regulated Kinase Phosphorylation. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 367-374.	1.4	18
97	Respiratory Symptoms Among HIV-Seropositive Individuals. Chest, 2003, 123, 1977-1982.	0.4	87
98	Regulated Expression and Inhibitory Function of FcγRIIb in Human Monocytic Cells. Journal of Biological Chemistry, 2002, 277, 5082-5089.	1.6	120
99	Opposing Effect by Cytokines on Fas-Mediated Apoptosis in A549 Lung Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 58-66.	1.4	41
100	Cyclosporin A ameliorates mitochondrial ultrastructural injury in the ileum during acute endotoxemia*. Critical Care Medicine, 2002, 30, 2722-2728.	0.4	31
101	BAL and Serum IgG Levels in Healthy Asymptomatic HIV-Infected Patients. Chest, 2001, 119, 196-203.	0.4	30
102	Sequential processing of human ProIL-1β by caspase-1 and subsequent folding determined by a combined in vitro and in silico approach. Pharmaceutical Research, 2001, 18, 1083-1090.	1.7	16
103	ATP-stimulated Release of Interleukin (IL)-1β and IL-18 Requires Priming by Lipopolysaccharide and Is Independent of Caspase-1 Cleavage. Journal of Biological Chemistry, 2001, 276, 3820-3826.	1.6	247
104	Induction of Interleukin-8 Release by Lung Epithelium with Cystic Fibrosis Epithelial Lining Fluid Is Marginally Affected by Inhibitors of Interleukin-1β. Pharmacotherapy, 2000, 20, 64-74.	1.2	2
105	Extracellular Regulation of Interleukin (IL)-1β through Lung Epithelial Cells and Defective IL-1 Type II Receptor Expression. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 964-975.	1.4	38
106	Role of the antibody in the pathogenesis of transplant vascular sclerosis: a hypothesis. Transplant Immunology, 1997, 5, 283-288.	0.6	9
107	THE PATHOGENESIS OF SEPSIS. Clinics in Chest Medicine, 1996, 17, 183-197.	0.8	86
108	Detection of IL-5 and IL-1 receptor antagonist in bronchoalveolar lavage fluid in acute eosinophilic pneumonia. Journal of Allergy and Clinical Immunology, 1996, 97, 1366-1374.	1.5	59

#	ARTICLE	IF	CITATIONS
109	Detection of soluble type II receptor in the presence of its natural ligand IL-1 β Quantification by sandwich ELISA. Journal of Immunological Methods, 1995, 185, 115-122.	0.6	7
110	Clinical Implications of Gene Therapy for Alpha1-Antitrypsin Deficiency. Chest, 1995, 107, 535-545.	0.4	18
111	Acute Occlusion of a Mainstem Bronchus by a Rapidly Expanding Foreign Body. Chest, 1994, 105, 1600-1602.	0.4	16
112	Tumor Necrosis Factor Increases the Elastolytic Potential of Adherent Neutrophils: A Role for Hypochlorous Acid. American Journal of Respiratory Cell and Molecular Biology, 1993, 9, 386-392.	1.4	9
113	Processing proIL-1 β decreases detection by a proIL-1 β specific ELISA but increases detection by a conventional ELISA. Journal of Immunological Methods, 1993, 165, 269-278.	0.6	13
114	ELISA Detection of IL-1 β in Human Sera Needs Independent Confirmation: False Positives in Hospitalized Patients. The American Review of Respiratory Disease, 1993, 147, 139-142.	2.9	15
115	Tumor Necrosis Factor and Endotoxin Do Not Directly Affect <i>In Vitro</i> Diaphragm Function. The American Review of Respiratory Disease, 1993, 148, 281-287.	2.9	36
116	Sandwich ELISA formats designed to detect 17 kDa IL-1 β significantly underestimate 35 kDa IL-1 β . Journal of Immunological Methods, 1992, 148, 243-254.	0.6	58
117	Acute myocardial infarction with cardiogenic shock during pregnancy. Critical Care Medicine, 1990, 18, 888.	0.4	12
118	Pathogenesis of Emphysema. Chest, 1989, 95, 190-195.	0.4	99
119	HIV-Associated Bronchiolitis Obliterans Organizing Pneumonia. Chest, 1989, 96, 197-198.	0.4	70
120	Replacement Therapy for Alpha ₁ -Antitrypsin Deficiency Associated with Emphysema. New England Journal of Medicine, 1987, 316, 1055-1062.	13.9	626
121	The Protease Theory of Emphysema. Annals of Internal Medicine, 1987, 107, 761.	2.0	20
122	Familial Idiopathic Pulmonary Fibrosis. New England Journal of Medicine, 1986, 314, 1343-1347.	13.9	162
123	Evaluation of recombinant DNA-directed E.coli produced α 1-antitrypsin as an anti-neutrophil elastase for potential use as replacement therapy of α 1-antitrypsin deficiency. Biochemical and Biophysical Research Communications, 1985, 130, 1177-1184.	1.0	46
124	Haemophilus influenzae Infection of an Existing Lung Cyst. Southern Medical Journal, 1982, 75, 736-737.	0.3	3