Lester Kobzik

List of Publications by Year
in descending order

176	13,446	22099	23472
papers	citations	h-index	g-index

179	179	179	16015
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitric oxide in skeletal muscle. Nature, 1994, 372, 546-548.	13.7	898
2	Endothelial Nitric Oxide Synthase Targeting to Caveolae. Journal of Biological Chemistry, 1996, 271, 22810-22814.	1.6	624
3	Toll4 (TLR4) expression in cardiac myocytes in normal and failing myocardium. Journal of Clinical Investigation, 1999, 104, 271-280.	3.9	574
4	Reduced Myocardial Ischemia-Reperfusion Injury in Toll-Like Receptor 4-Deficient Mice. Circulation, 2004, 109, 784-789.	1.6	563
5	Ipr1 gene mediates innate immunity to tuberculosis. Nature, 2005, 434, 767-772.	13.7	425
6	MicroRNA-181b regulates NF-Î²Bâ€“mediated vascular inflammation. Journal of Clinical Investigation, 2012, 122, 1973-90.	3.9	398
7	Hypoxia induces severe right ventricular dilatation and infarction in heme oxygenase-1 null mice. Journal of Clinical Investigation, 1999, 103, R23-R29.	3.9	377
8	Nitric Oxide-dependent Parasympathetic Signaling Is Due to Activation of Constitutive Endothelial (Type III) Nitric Oxide Synthase in Cardiac Myocytes. Journal of Biological Chemistry, 1995, 270, 14582-14586.	1.6	331
9	The Scavenger Receptor MARCO Is Required for Lung Defense against Pneumococcal Pneumonia and Inhaled Particles. Journal of Experimental Medicine, 2004, 200, 267-272.	4.2	328
10	Reactive oxygen species in pulmonary inflammation by ambient particulates. Free Radical Biology and Medicine, 2003, 35, 327-340.	1.3	326
11	Upregulation of Î² ₃ -Adrenoceptors and Altered Contractile Response to Inotropic Amines in Human Failing Myocardium. Circulation, 2001, 103, 1649-1655.	1.6	300
12	A Consensus Definitive Classification of Scavenger Receptors and Their Roles in Health and Disease. Journal of Immunology, 2017, 198, 3775-3789.	0.4	261
13	Role of the Scavenger Receptor MARCO in Alveolar Macrophage Binding of Unopsonized Environmental Particles. Journal of Experimental Medicine, 1999, 189, 1497-1506.	4.2	222
14	Neutrophil and Nonneutrophil-Mediated Injury in Intestinal Ischemia-Reperfusion. Annals of Surgery, 1993, 218, 444-454.	2.1	199
15	Contribution of Nitric Oxide Synthases 1, 2, and 3 to Airway Hyperresponsiveness and Inflammation in a Murine Model of Asthma. Journal of Experimental Medicine, 1999, 189, 1621-1630.	4.2	195
16	MARCO Is the Major Binding Receptor for Unopsonized Particles and Bacteria on Human Alveolar Macrophages. Journal of Immunology, 2005, 175, 6058-6064.	0.4	193
17	Risk for Asthma in Offspring of Asthmatic Mothers versus Fathers: A Meta-Analysis. PLoS ONE, 2010, 5, e10134.	1.1	184
18	Pulmonary Exposure to Particles during Pregnancy Causes Increased Neonatal Asthma Susceptibility. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 57-67.	1.4	173

#	Article	IF	Citations
19	Standardizing Scavenger Receptor Nomenclature. Journal of Immunology, 2014, 192, 1997-2006.	0.4	166
20	The Macrophage Scavenger Receptor SR-AI/II and Lung Defense against Pneumococci and Particles. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 474-478.	1.4	138
21	Suppression of Herpes Simplex Virus Type 1 (HSV-1)â€“induced Pneumonia in Mice by Inhibition of Inducible Nitric Oxide Synthase (iNOS, NOS2). Journal of Experimental Medicine, 1997, 185, 1533-1540.	4.2	137
22	Targeted deletion of caspase-1 reduces early mortality and left ventricular dilatation following myocardial infarction. Journal of Molecular and Cellular Cardiology, 2003, 35, 685-694.	0.9	135
23	TNF Drives Monocyte Dysfunction with Age and Results in Impaired Anti-pneumococcal Immunity. PLoS Pathogens, 2016, 12, e1005368.	2.1	130
24	Lower Torso Ischemia-Induced Lung Injury Is Leukocyte Dependent. Annals of Surgery, 1988, 208, 761-767.	2.1	123
25	Insoluble Components of Concentrated Air Particles Mediate Alveolar Macrophage Responses in Vitro. Toxicology and Applied Pharmacology, 2000, 167, 140-150.	1.3	121
26	TUMOR NECROSIS FACTOR-?? NEUTRALIZATION REDUCES LUNG INJURY AFTER EXPERIMENTAL ALLOGENEIC BONE MARROW TRANSPLANTATION1. Transplantation, 2000, 70, 272-279.	0.5	120
27	Protection against inhaled oxidants through scavenging of oxidized lipids by macrophage receptors MARCO and SR-AI/II. Journal of Clinical Investigation, 2007, 117, 757-764.	3.9	117
28	Allergen-Independent Maternal Transmission of Asthma Susceptibility. Journal of Immunology, 2003, 170, 1683-1689.	0.4	116
29	Lung Macrophageâ€“Epithelial Cell Interactions Amplify Particle-Mediated Cytokine Release. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 499-505.	1.4	111
30	Effect of Concentrated Ambient Particles on Macrophage Phagocytosis and Killing ofStreptococcus pneumoniae. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 460-465.	1.4	111
31	Dominant Role of the sst1 Locus in Pathogenesis of Necrotizing Lung Granulomas during Chronic Tuberculosis Infection and Reactivation in Genetically Resistant Hosts. American Journal of Pathology, 2009, 174, 2190-2201.	1.9	110
32	Role of Plasminogen Activator in Degradation of Extracellular Matrix Protein by Live Human Alveolar Macrophages. The American Review of Respiratory Disease, 1988, 137, 412-419.	2.9	105
33	Receptors for Unopsonized Particles: The Role of Alveolar Macrophage Scavenger Receptors. Current Molecular Medicine, 2001, 1, 589-595.	0.6	102
34	A Chronic Obstructive Pulmonary Disease Susceptibility Gene, FAM13A, Regulates Protein Stability of Î²-Catenin. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 185-197.	2.5	101
35	Induction of Nitric Oxide Synthase Activity by Cytokines in Ventricular Myocytes Is Necessary but Not Sufficient to Decrease Contractile Responsiveness to Î²-Adrenergic Agonists. Circulation Research, 1995, 77, 494-502.	2.0	98
36	Tumor Necrosis Factor-Î± Mediates Acid Aspiration-induced Systemic Organ Injury. Annals of Surgery, 1990, 212, 513-520.	2.1	96

#	Article	IF	Citations
37	Alternative activation of macrophages and pulmonary fibrosis are modulated by scavenger receptor, macrophage receptor with collagenous structure. FASEB Journal, 2015, 29, 3527-3536.	0.2	95
38	Air pollution particles diminish bacterial clearance in the primed lungs of mice. Toxicology and Applied Pharmacology, 2007, 223, 1-9.	1.3	92
39	Targeted Deletion ofNrf2Impairs Lung Development and Oxidant Injury in Neonatal Mice. Antioxidants and Redox Signaling, 2012, 17, 1066-1082.	2.5	92
40	Disparate Regulation and Function of the Class A Scavenger Receptors SR-AI/II and MARCO. Journal of Immunology, 2005, 175, 8032-8041.	0.4	91
41	IL-10-dependent Tr1 cells attenuate astrocyte activation and ameliorate chronic central nervous system inflammation. Brain, 2016, 139, 1939-1957.	3.7	87
42	Functional Activity of Natural Antibody is Altered in Cr2-Deficient Mice. Journal of Immunology, 2002, 169, 5433-5440.	0.4	86
43	Gene control of tyrosine kinase TIE2 and vascular manifestations of infections. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2472-2477.	3.3	85
44	Lung Epithelial Cell (A549) Interaction with Unopsonized Environmental Particulates: Quantitation of Particle-Specific Binding and IL-8 Production. Experimental Lung Research, 1996, 22, 495-508.	0.5	82
45	Functional characterization of rat chemokine macrophage inflammatory protein-2. Inflammation, 1995, 19, 133-142.	1.7	80
46	Flow cytometric assay of lung macrophage uptake of environmental particulates. Cytometry, 1995, 20, 23-32.	1.8	79
47	Allergy Risk Is Mediated by Dendritic Cells with Congenital Epigenetic Changes. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 285-292.	1.4	78
48	Skeletal muscle reperfusion injury is mediated by neutrophils and the complement membrane attack complex. American Journal of Physiology - Cell Physiology, 1999, 277, C1263-C1268.	2.1	74
49	Hyporesponsiveness of Donor Cells to Lipopolysaccharide Stimulation Reduces the Severity of Experimental Idiopathic Pneumonia Syndrome: Potential Role for a Gut-Lung Axis of Inflammation. Journal of Immunology, 2000, 165, 6612-6619.	0.4	73
50	The Class A Scavenger Receptor, Macrophage Receptor with Collagenous Structure, Is the Major Phagocytic Receptor for Clostridium sordellii Expressed by Human Decidual Macrophages. Journal of Immunology, 2010, 185, 4328-4335.	0.4	73
51	Contractile Responsiveness of Ventricular Myocytes to Isoproterenol Is Regulated by Induction of Nitric Oxide Synthase Activityin Cardiac Microvascular EndothelialCells in Heterotypic Primary Culture. Circulation Research, 1995, 77, 486-493.	2.0	73
52	Role of Breast Milk in a Mouse Model of Maternal Transmission of Asthma Susceptibility. Journal of Immunology, 2006, 176, 762-769.	0.4	72
53	Lipopolysaccharide Priming Amplifies Lung Macrophage Tumor Necrosis Factor Production in Response to Air Particles. Toxicology and Applied Pharmacology, 1999, 159, 117-124.	1.3	70
54	Prenatal Maternal Stress Predicts Childhood Asthma in Girls: Project Ice Storm. BioMed Research International, 2014, 2014, 1-10.	0.9	69

#	Article	IF	Citations
55	Pulmonary Hypertension and Leukosequestration after Lower Torso Ischemia. Annals of Surgery, 1987, 208, 642-648.	2.1	68
56	Alveolar macrophage cytokine response to air pollution particles: Oxidant mechanisms. Toxicology and Applied Pharmacology, 2007, 218, 256-264.	1.3	68
57	Profibrotic Activities for Matrix Metalloproteinase-8 during Bleomycin-Mediated Lung Injury. Journal of Immunology, 2013, 190, 4283-4296.	0.4	66
58	Nuclear Factor-ÎºB p50 Limits Inflammation and Prevents Lung Injury duringEscherichia coliPneumonia. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 810-817.	2.5	64
59	Effects of Laser Printerâ€“Emitted Engineered Nanoparticles on Cytotoxicity, Chemokine Expression, Reactive Oxygen Species, DNA Methylation, and DNA Damage: A Comprehensive in Vitro Analysis in Human Small Airway Epithelial Cells, Macrophages, and Lymphoblasts. Environmental Health Perspectives, 2016, 124, 210-219.	2.8	64
60	Rat KC cDNA cloning and mRNA expression in lung macrophages and fibroblasts. Biochemical and Biophysical Research Communications, 1992, 184, 922-929.	1.0	63
61	Scavenger Receptors SR-AI/II and MARCO Limit Pulmonary Dendritic Cell Migration and Allergic Airway Inflammation. Journal of Immunology, 2007, 178, 5912-5920.	0.4	60
62	Role of Macrophage Receptor with Collagenous Structure in Innate Immune Tolerance. Journal of Immunology, 2013, 190, 6360-6367.	0.4	60
63	Efficacy of Morpholino-modified Antisense Oligomers Directed against Tumor Necrosis Factor-Î± mRNA. Journal of Biological Chemistry, 1996, 271, 17445-17452.	1.6	59
64	Surfactant Protein A (SP-A)-mediated Clearance of Staphylococcus aureus Involves Binding of SP-A to the Staphylococcal Adhesin Eap and the Macrophage Receptors SP-A Receptor 210 and Scavenger Receptor Class A. Journal of Biological Chemistry, 2011, 286, 4854-4870.	1.6	59
65	In the absence of T cells, natural killer cells protect from mortality due to HSV-1 encephalitis. Journal of Neuroimmunology, 1999, 93, 208-213.	1.1	58
66	Resistance of Very Young Mice to Inhaled Allergen Sensitization Is Overcome by Coexposure to an Air-Pollutant Aerosol. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 1285-1293.	2.5	57
67	CD23 and Allergic Pulmonary Inflammation: Potential Role as an Inhibitor. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 1-8.	1.4	56
68	Role of scavenger receptor MARCO in macrophage responses to CpG oligodeoxynucleotides. Journal of Leukocyte Biology, 2006, 80, 870-879.	1.5	56
69	MARCO Regulates Early Inflammatory Responses against Influenza. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1036-1044.	1.4	55
70	Scavenger receptor A mediates H2O2production and suppression of IL-12 release in murine macrophages. Journal of Leukocyte Biology, 2004, 76, 1066-1074.	1.5	54
71	TRIF Mediates Toll-Like Receptor 2-Dependent Inflammatory Responses to Borrelia burgdorferi. Infection and Immunity, 2013, 81, 402-410.	1.0	54
72	Future Research Directions in Pneumonia. NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 256-263.	2.5	54

#	Article	IF	Citations
73	Stromelysin-3 Is Induced in Tumor/Stroma Cocultures and Inactivated via a Tumor-specific and Basic Fibroblast Growth Factor-dependent Mechanism. Journal of Biological Chemistry, 1998, 273, 618-626.	1.6	52
74	GM-CSF modulates pulmonary resistance to influenza A infection. Antiviral Research, 2011, 92, 319-328.	1.9	52
75	Experimental murine acid aspiration injury is mediated by neutrophils and the alternative complement pathway. Journal of Applied Physiology, 1997, 83, 1090-1095.	1.2	51
76	B7-1 (CD80) and B7-2 (CD86) Have Complementary Roles in Mediating Allergic Pulmonary Inflammation and Airway Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 265-271.	1.4	51
77	Vasodilating Prostaglandins Attenuate Ischemic Renal Injury Only if Thromboxane is Inhibited. Annals of Surgery, 1989, 209, 219-224.	2.1	49
78	Leukotrienes but not Complement Mediate Limb Ischemia-Induced Lung Injury. Annals of Surgery, 1989, 209, 462-470.	2.1	49
79	Progression of Pulmonary Tuberculosis and Efficiency of Bacillus Calmette-Guèrin Vaccination Are Genetically Controlled via a Common sst1-Mediated Mechanism of Innate Immunity. Journal of Immunology, 2007, 179, 6919-6932.	0.4	49
80	Arterial stiffness, oxidative stress, and smoke exposure in wildland firefighters. American Journal of Industrial Medicine, 2014, 57, 748-756.	1.0	49
81	Age-dependent regulation of SARS-CoV-2 cell entry genes and cell death programs correlates with COVID-19 severity. Science Advances, 2021, 7, .	4.7	49
82	Maternal stress during pregnancy increases neonatal allergy susceptibility: Role of glucocorticoids. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L141-L148.	1.3	47
83	Pivotal Advance: Expansion of small sputum macrophages in CF: failure to express MARCO and mannose receptors. Journal of Leukocyte Biology, 2009, 86, 479-489.	1.5	46
84	Adoptively Transferred Allergen-Specific T Cells Cause Maternal Transmission of Asthma Risk. American Journal of Pathology, 2006, 168, 1931-1939.	1.9	45
85	Expression of nitric oxide synthase-2 in the lungs decreases airway resistance and responsiveness. Journal of Applied Physiology, 2004, 97, 249-259.	1.2	44
86	IN VITRO MODELING OF HUMAN ALVEOLAR MACROPHAGE SMOKE EXPOSURE: ENHANCED INFLAMMATION AND IMPAIRED FUNCTION. Experimental Lung Research, 2008, 34, 599-629.	0.5	42
87	Plasma gelsolin improves lung host defense against pneumonia by enhancing macrophage NOS3 function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L11-L16.	1.3	42
88	Inactivation of common hospital acquired pathogens on surfaces and in air utilizing engineered water nanostructures (EWNS) based nano-sanitizers. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 234-242.	1.7	42
89	Vasodilator Prostaglandins (PG) Prevent Renal Damage After Ischemia. Annals of Surgery, 1987, 205, 195-198.	2.1	40
90	Contribution of type I NOS to expired gas NO and bronchial responsiveness in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 273, L883-L888.	1.3	40

#	Article	IF	Citations
91	Intracellular oxidant production and cytokine responses in lung macrophages: evaluation of fluorescent probes. Journal of Leukocyte Biology, 1999, 65, 499-507.	1.5	40
92	Specific transcriptional enhancement of inducible nitric oxide synthase by targeted promoter demethylation. Epigenetics, 2013, 8, 1205-1212.	1.3	39
93	A potent antiangiogenic factor, endostatin prevents the development of asthma in a murine model. Journal of Allergy and Clinical Immunology, 2005, 116, 1220-1227.	1.5	38
94	Female resistance to pneumonia identifies lung macrophage nitric oxide synthase-3 as a therapeutic target. ELife, 2014, 3, .	2.8	38
95	Peritonitis Causes Diaphragm Weakness in Rats. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1277-1282.	2.5	37
96	Scavenger receptors and Î²-glucan receptors participate in the recognition of yeasts by murine macrophages. Inflammation Research, 2012, 61, 113-126.	1.6	37
97	Fluorescence-Based Measurement of Nitric Oxide Synthase Activity in Activated Rat Macrophages Using Dichlorofluorescin. Nitric Oxide - Biology and Chemistry, 1997, 1, 359-369.	1.2	36
98	Immunostimulatory CpG Oligonucleotides Abrogate Allergic Susceptibility in a Murine Model of Maternal Asthma Transmission. Journal of Immunology, 2005, 175, 4292-4300.	0.4	36
99	Interleukin-2 Induces Early Multisystem Organ Edema Mediated by Neutrophils. Annals of Surgery, 1991, 214, 181-186.	2.1	34
100	Effects of engineered nanomaterial exposure on macrophage innate immune function. NanoImpact, 2016, 2, 70-81.	2.4	34
101	In VivoEvaluation of a Morpholino Antisense Oligomer Directed Against Tumor Necrosis Factor-Î±. Oligonucleotides, 2000, 10, 11-16.	4.4	33
102	Adam8 Limits the Development of Allergic Airway Inflammation in Mice. Journal of Immunology, 2013, 190, 6434-6449.	0.4	33
103	Link between Epigenomic Alterations and Genome-Wide Aberrant Transcriptional Response to Allergen in Dendritic Cells Conveying Maternal Asthma Risk. PLoS ONE, 2013, 8, e70387.	1.1	33
104	Isolation and Antigenic Identification of Hamster Lung Interstitial Macrophages. The American Review of Respiratory Disease, 1988, 138, 908-914.	2.9	32
105	The Scavenger Receptor MARCO Modulates TLR-Induced Responses in Dendritic Cells. PLoS ONE, 2014, 9, e104148.	1.1	31
106	Heterogeneity in Macrophage Phagocytosis of Staphylococcus aureus Strains: High-Throughput Scanning Cytometry-Based Analysis. PLoS ONE, 2009, 4, e6209.	1.1	29
107	Inhibition of Thromboxane (Tx) Synthesis by Free Radical Scavengers. Journal of Trauma, 1988, 28, 458-464.	2.3	28
108	The integrated stress response mediates necrosis in murine Mycobacterium tuberculosis granulomas. Journal of Clinical Investigation, 2021, 131, .	3.9	27

#	Article	IF	Citations
109	Ischemia Activates Neutrophils but Inhibits Their Local and Remote Diapedesis. Annals of Surgery, 1990, 211, 196-201.	2.1	26
110	Influenza lung injury: mechanisms and therapeutic opportunities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1041-L1046.	1.3	26
111	COMPARISON OF EFFICACY OF ANTISENSE OLIGOMERS DIRECTED TOWARD TNF-Î± IN HELPER T AND MACROPHAGE CELL LINES. Cytokine, 1997, 9, 672-681.	1.4	25
112	COMBINED AIR POLLUTION PARTICLE AND OZONE EXPOSURE INCREASES AIRWAY RESPONSIVENESS IN MICE. Inhalation Toxicology, 2002, 14, 325-347.	0.8	25
113	Targeting of CD25 and Glucocorticoid-Induced TNF Receptor Family-Related Gene-Expressing T Cells Differentially Modulates Asthma Risk in Offspring of Asthmatic and Normal Mother Mice. Journal of Immunology, 2007, 178, 1477-1487.	0.4	25
114	The Detection of Inflammation in Collapsed Lung by Alterations in Proton Nuclear Magnetic Relaxation Times. Investigative Radiology, 1985, 20, 460-464.	3.5	24
115	Genome-Wide RNAi Screen in IFN-Î³-Treated Human Macrophages Identifies Genes Mediating Resistance to the Intracellular Pathogen Francisella tularensis. PLoS ONE, 2012, 7, e31752.	1.1	24
116	Determinants of host susceptibility to murine respiratory syncytial virus (RSV) disease identify a role for the innate immunity scavenger receptor MARCO gene in human infants. EBioMedicine, 2016, 11, 73-84.	2.7	24
117	Macrophage FABP4 is required for neutrophil recruitment and bacterial clearance in Pseudomonas aeruginosa pneumonia. FASEB Journal, 2019, 33, 3562-3574.	0.2	24
118	Involvement of Thromboxane and Neutrophils in Multiple-system Organ Edema with Interleukin-2. Annals of Surgery, 1990, 212, 728-734.	2.1	23
119	Transplacental Passage of Interleukins 4 and 13?. PLoS ONE, 2009, 4, e4660.	1.1	23
120	Free actin impairs macrophage bacterial defenses via scavenger receptor MARCO interaction with reversal by plasma gelsolin. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L1018-L1028.	1.3	21
121	The Rapid Induction by Interleukin-2 of Pulmonary Microvascular Permeability. Annals of Surgery, 1989, 209, 119-128.	2.1	20
122	Translating NO Biology into Clinical Advances. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 9-13.	1.4	20
123	Membrane attack complex of complement and neutrophils mediate the injury of acid aspiration. Journal of Applied Physiology, 1999, 87, 2357-2361.	1.2	18
124	The fetal programming effect of prenatal smoking on Igf1r and Igf1 methylation is organ- and sex-specific. Epigenetics, 2017, 12, 1076-1091.	1.3	18
125	Role of nitric oxide in human esophageal circular smooth muscle in vitro. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 157-164.	0.4	17
126	Adherent Neutrophils Mediate Permeability After Atelectasis. Annals of Surgery, 1992, 216, 372-380.	2.1	16

#	Article	IF	Citations
127	Phagocytic Receptors Activate Syk and Src Signaling during Borrelia burgdorferi Phagocytosis. Infection and Immunity, 2017, 85, .	1.0	16
128	NTRK1 is a positive regulator of YAP oncogenic function. Oncogene, 2019, 38, 2778-2787.	2.6	16
129	Monoclonal Antibody to an Alveolar Macrophage Surface Antigen in Hamsters. The American Review of Respiratory Disease, 1984, 130, 249-255.	2.9	15
130	Immunohistologic analysis of a human pulmonary alveolar macrophage antigen. Clinical Immunology and Immunopathology, 1985, 37, 213-219.	2.1	15
131	Particleâ€“Epithelial Interaction. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 744-750.	1.4	15
132	Nuclear Magnetic Resonance Spectroscopy of Acute and Evolving Pulmonary Hemorrhage An In Vitro Study. Investigative Radiology, 1987, 22, 632-637.	3.5	14
133	Characterization of Colony Stimulating Factor Activity in the Human Respiratory Tract: Comparison of Healthy Smokers and Nonsmokers. The American Review of Respiratory Disease, 1992, 145, 394-399.	2.9	14
134	Estrogen-mediated impairment of macrophageal uptake of environmental TiO2particles to explain inflammatory effect of TiO2on airways during pregnancy. Journal of Immunotoxicology, 2015, 12, 81-91.	0.9	14
135	Fine-tuning of macrophage activation using synthetic rocaglate derivatives. Scientific Reports, 2016, 6, 24409.	1.6	14
136	The relative resistance of children to sepsis mortality: from pathways to drug candidates. Molecular Systems Biology, 2018, 14, e7998.	3.2	14
137	Activation of CB1R Promotes Lipopolysaccharide-Induced IL-10 Secretion by Monocytic Myeloid-Derived Suppressive CellsÂand Reduces Acute Inflammation and Organ Injury. Journal of Immunology, 2020, 204, 3339-3350.	0.4	14
138	Channeling macrophage polarization by rocaglates increases macrophage resistance to Mycobacterium tuberculosis. IScience, 2021, 24, 102845.	1.9	14
139	Hindlimb Ischemia-Reperfusion Increases Complement Deposition and Glycolysis. Journal of Surgical Research, 1999, 85, 130-135.	0.8	13
140	Role of the Adiponectin Binding Protein, T-Cadherin (cdh13), in Pulmonary Responses to Subacute Ozone. PLoS ONE, 2013, 8, e65829.	1.1	13
141	The Influence of Programmed Cell Death in Myeloid Cells on Host Resilience to Infection with Legionella pneumophila or Streptococcus pyogenes. PLoS Pathogens, 2016, 12, e1006032.	2.1	12
142	Effect of TNF-Î± Antisense Oligomers on Cytokine Production by Primary Murine Alveolar Macrophages. Oligonucleotides, 1998, 8, 199-205.	4.4	11
143	Immunotoxicologic analysis of maternal transmission of asthma risk. Journal of Immunotoxicology, 2008, 5, 445-452.	0.9	11
144	Sexual Tension in the Airways. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 499-500.	1.4	10

#	Article	IF	Citations
145	Delayed Administration of Recombinant Plasma Gelsolin Improves Survival in a Murine Model of Penicillin-Susceptible and Penicillin-Resistant Pneumococcal Pneumonia. Journal of Infectious Diseases, 2019, 220, 1498-1502.	1.9	10
146	Targeting TAZ-Driven Human Breast Cancer by Inhibiting a SKP2-p27 Signaling Axis. Molecular Cancer Research, 2019, 17, 250-262.	1.5	10
147	Fluorescence-based microplate bioassay for tumor necrosis factor. Journal of Immunological Methods, 1998, 212, 109-112.	0.6	9
148	Genetic Variation in the Scavenger Receptor MARCO and Its Association with Chronic Obstructive Pulmonary Disease and Lung Infection in 10,604 Individuals. Respiration, 2013, 85, 144-153.	1.2	9
149	Childhood tolerance of severe influenza: a mortality analysis in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L1087-L1095.	1.3	9
150	Protection of macrophages from intracellular pathogens by miRâ€182â€5p mimicâ€”a gene expression metaâ€analysis approach. FEBS Journal, 2018, 285, 244-260.	2.2	8
151	Delayed administration of recombinant plasma gelsolin improves survival in a murine model of severe influenza. F1000Research, 2019, 8, 1860.	0.8	8
152	Characterising Pre-pubertal Resistance to Death from Endotoxemia. Scientific Reports, 2017, 7, 16541.	1.6	7
153	N-Oleoyl dopamine induces IL-10 via central nervous system TRPV1 and improves endotoxemia and sepsis outcomes. Journal of Neuroinflammation, 2022, 19, .	3.1	7
154	Delayed administration of recombinant plasma gelsolin improves survival in a murine model of severe influenza. F1000Research, 2019, 8, 1860.	0.8	5
155	The Penh Police Are Not Infallible. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1272-1273.	1.4	4
156	High hsCRP is associated with reduced lung function in structural firefighters. American Journal of Industrial Medicine, 2014, 57, 31-37.	1.0	4
157	MARCOing Monocytes for Elimination. Science Translational Medicine, 2014, 6, 219fs4.	5.8	4
158	Searching for a Lifeline: Transcriptome Profiling Studies of Influenza Susceptibility and Resistance. Journal of Innate Immunity, 2017, 9, 232-242.	1.8	4
159	Why are children more resistant to mortality from severe infections?. Future Microbiology, 2018, 13, 1549-1552.	1.0	3
160	Generation of a Monoclonal Antibody that Blocks Epithelial Binding of Unopsonized Particles. Hybridoma, 2003, 22, 17-21.	0.6	1
161	SON DNAâ€binding protein mediates macrophage autophagy and responses to intracellular infection. FEBS Letters, 2020, 594, 2782-2799.	1.3	1
162	NO Turning Back. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 843-843.	1.4	0

#	Article	IF	Citations
163	Immortalization and Characterization of Murine Alveolar Macrophages with SRAâ€/II and MARCOâ€knockout by a J2 Retrovirus. FASEB Journal, 2007, 21, A773.	0.2	0
164	Release of preformed ILâ€12 by the macrophage scavenger receptor MARCO. FASEB Journal, 2007, 21, A183.	0.2	0
165	Role of macrophage scavenger receptor MARCO in lung innate defenses against influenza. FASEB Journal, 2008, 22, 320.2.	0.2	0
166	Maternal asthma causes gene expression and epigenetic changes in neonatal dendritic cells. FASEB Journal, 2008, 22, 849.6.	0.2	0
167	Macrophage Uptake of Unopsonized Staphylococcus aureus Strains: Highâ€Throughput Analysis by Scanning Cytometry. FASEB Journal, 2009, 23, 1003.2.	0.2	0
168	Macrophage Killing of Intracelluar Pathogen Fransicella tularensis: Functional Genomic Analysis. FASEB Journal, 2009, 23, 439.4.	0.2	0
169	Statins improve innate resistance to pneumococcal pneumonia via lung macrophage NOS3. FASEB Journal, 2010, 24, 111.5.	0.2	0
170	Macrophage scavenger receptor MARCO modulates early events in innate immunity against Influenza. FASEB Journal, 2010, 24, lb712.	0.2	0
171	Plasma gelsolin enhances lung macrophage host defense against bacterial pneumonia in mice. FASEB Journal, 2012, 26, 276.2.	0.2	0
172	In situ quantification of macrophage AIM2 inflammasome activation during Francisella tularensis infection by fluorescence proximity ligation. FASEB Journal, 2012, 26, 402.1.	0.2	0
173	MARCO modulates asbestosâ€induced Rac1 mitochondrial import and H2O2 production. FASEB Journal, 2012, 26, 769.2.	0.2	0
174	Glucose metabolism and DNA methylation of offspring are altered by maternal sodium restriction. FASEB Journal, 2013, 27, 1183.3.	0.2	0
175	Sulforaphane improves MARCO expression, bacterial clearance and survival in postâ€influenza bacterial pneumonia (145.1). FASEB Journal, 2014, 28, 145.1.	0.2	0
176	Splicing Factor SON Mediates Macrophage Susceptibility to Intracellular Pathogens. FASEB Journal, 2015, 29, 718.4.	0.2	0