Gregory Paul Downey

List of Publications by Year
in descending order

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163	11,932	22153	28297
papers	citations	59 h-index	105 g-index

168	168	168	15073
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficacy and Safety of Sirolimus in Lymphangioleiomyomatosis. New England Journal of Medicine, 2011, 364, 1595-1606.	27.0	922
2	Reactive oxygen and nitrogen species as signaling molecules regulating neutrophil function. Free Radical Biology and Medicine, 2007, 42, 153-164.	2.9	564
3	Neutrophil activation and acute lung injury. Current Opinion in Critical Care, 2001, 7, 1-7.	3.2	387
4	Oxidative Stress and Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 427-431.	2.9	329
5	Transepithelial Migration of Neutrophils. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 519-535.	2.9	309
6	Leukocyte Elastase. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 896-904.	5.6	301
7	The remote ischemic preconditioning stimulus modifies inflammatory gene expression in humans. Physiological Genomics, 2004, 19, 143-150.	2.3	289
8	Rac1 Deletion in Mouse Neutrophils Has Selective Effects on Neutrophil Functions. Journal of Immunology, 2003, 170, 5652-5657.	0.8	276
9	The fibroproliferative response in acute respiratory distress syndrome: mechanisms and clinical significance. European Respiratory Journal, 2014, 43, 276-285.	6.7	272
10	Official American Thoracic Society/Japanese Respiratory Society Clinical Practice Guidelines: Lymphangioleiomyomatosis Diagnosis and Management. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 748-761.	5.6	236
11	The Role of Actin-binding Protein 280 in Integrin-dependent Mechanoprotection. Journal of Biological Chemistry, 1998, 273, 1689-1698.	3.4	223
12	Cystic Fibrosis Mouse Models. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 1-7.	2.9	207
13	Transforming Growth Factor-Î²: Master Regulator of the Respiratory System in Health and Disease. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 647-655.	2.9	187
14	Neutrophil granule contents in the pathogenesis of lung injury. Current Opinion in Hematology, 2006, 13, 21-27.	2.5	184
15	Rac1 is the small GTPase responsible for regulating the neutrophil chemotaxis compass. Blood, 2004, 104, 3758-3765.	1.4	183
16	Signaling Functions of L-selectin. Journal of Biological Chemistry, 1995, 270, 15403-15411.	3.4	175
17	Matrix Metalloproteinase 3 Is a Mediator of Pulmonary Fibrosis. American Journal of Pathology, 2011, 179, 1733-1745.	3.8	174
18	Proteases and lung injury. Critical Care Medicine, 2003, 31, S189-S194.	0.9	163

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19	Neutrophil transmigration triggers repair of the lung epithelium via Î²-catenin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15990-15995.	7.1	162
20	Serum VEGF-D concentration as a biomarker of lymphangioleiomyomatosis severity and treatment response: a prospective analysis of the Multicenter International Lymphangioleiomyomatosis Efficacy of Sirolimus (MILES) trial. Lancet Respiratory Medicine,the, 2013, 1, 445-452.	10.7	159
21	Lymphangioleiomyomatosis Diagnosis and Management: High-Resolution Chest Computed Tomography, Transbronchial Lung Biopsy, and Pleural Disease Management. An Official American Thoracic Society/Japanese Respiratory Society Clinical Practice Guideline. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1337-1348.	5.6	159
22	Tumor Necrosis Factor-Î± Accelerates the Resolution of Established Pulmonary Fibrosis in Mice by Targeting Profibrotic Lung Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 825-837.	2.9	158
23	MurineHepatitis Virus Strain 1 Produces a Clinically Relevant Model of Severe Acute Respiratory Syndrome in A/J Mice. Journal of Virology, 2006, 80, 10382-10394.	3.4	152
24	Neutrophil-mediated epithelial injury during transmigration: role of elastase. American Journal of Physiology - Renal Physiology, 2001, 281, G705-G717.	3.4	151
25	Neutrophil Sequestration and Migration in Localized Pulmonary Inflammation: Capillary Localization and Migration across the Interalveolar Septum. The American Review of Respiratory Disease, 1993, 147, 168-176.	2.9	147
26	Age and sex dimorphisms contribute to the severity of bleomycin-induced lung injury and fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L510-L518.	2.9	146
27	Anti-synthetase syndrome in ANA and anti-Jo-1 negative patients presenting with idiopathic interstitial pneumonia. Respiratory Medicine, 2009, 103, 1719-1724.	2.9	138
28	Mechanisms of leukocyte motility and chemotaxis. Current Opinion in Immunology, 1994, 6, 113-124.	5.5	131
29	The basis of a more contagious 501Y.V1 variant of SARS-CoV-2. Cell Research, 2021, 31, 720-722.	12.0	129
30	Proteinase-Activated Receptor-1 Mediates Elastase-Induced Apoptosis of Human Lung Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 231-247.	2.9	125
31	Remote Ischemic Preconditioning Decreases Adhesion and Selectively Modifies Functional Responses of Human Neutrophils. Journal of Surgical Research, 2010, 158, 155-161.	1.6	125
32	CD44 is a phagocytic receptor. Blood, 2006, 107, 4149-4158.	1.4	122
33	Neutrophil apoptosis: a marker of disease severity in sepsis and sepsis-induced acute respiratory distress syndrome. Critical Care, 2006, 10, R155.	5.8	116
34	Phagosomal Maturation, Acidification, and Inhibition of Bacterial Growth in Nonphagocytic Cells Transfected with FcÎ³RIIA Receptors. Journal of Biological Chemistry, 1999, 274, 28436-28444.	3.4	107
35	Human neutrophil peptides induce interleukin-8 production through the P2Y6 signaling pathway. Blood, 2006, 107, 2936-2942.	1.4	103
36	A Novel Model System for Characterization of Phagosomal Maturation, Acidification, and Intracellular Collagen Degradation in Fibroblasts. Journal of Biological Chemistry, 2000, 275, 35432-35441.	3.4	101

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37	L-selectin stimulation enhances functional expression of surface CXCR4 in lymphocytes: implications for cellular activation during adhesion and migration. Blood, 2003, 101, 4245-4252.	1.4	100
38	Lung Inflammation as a Therapeutic Target in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 377-381.	2.9	100
39	Control of vesicle fusion by a tyrosine phosphatase. Nature Cell Biology, 2004, 6, 831-839.	10.3	97
40	Cytosolic Phospholipase A2-Î± Is Necessary for Platelet-activating Factor Biosynthesis, Efficient Neutrophil-mediated Bacterial Killing, and the Innate Immune Response to Pulmonary Infection. Journal of Biological Chemistry, 2005, 280, 7519-7529.	3.4	92
41	Molecular Pathogenesis of Lymphangioleiomyomatosis. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 398-408.	2.9	91
42	Matrix Metalloproteinase Induction of Rac1b, a Key Effector of Lung Cancer Progression. Science Translational Medicine, 2012, 4, 142ra95.	12.4	91
43	Regulation of Neutrophil Activation in Acute Lung Injury. Chest, 1999, 116, 46S-54S.	0.8	89
44	Translocation of the tetraspanin CD63 in association with human eosinophil mediator release. Blood, 2002, 99, 4039-4047.	1.4	89
45	Role of innate immune cells and their products in lung immunopathology. International Journal of Biochemistry and Cell Biology, 2008, 40, 1348-1361.	2.8	87
46	Conventional Mechanical Ventilation Is Associated with Bronchoalveolar Lavage-induced Activation of Polymorphonuclear Leukocytes. Anesthesiology, 2002, 97, 1426-1433.	2.5	84
47	Intracellular signaling in neutrophil priming and activation. Seminars in Cell Biology, 1995, 6, 345-356.	3.4	83
48	On, Around, and Through: Neutrophil-Endothelial Interactions in Innate Immunity. Physiology, 2011, 26, 334-347.	3.1	83
49	Signalling platforms that modulate the inflammatory response: new targets for drug development. Nature Reviews Drug Discovery, 2006, 5, 864-876.	46.4	82
50	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, e1-e14.	2.9	82
51	Role of the actin cytoskeleton in insulin action. Microscopy Research and Technique, 1999, 47, 79-92.	2.2	79
52	The immunoglobulin light chain related protein Î»5 is expressed on the surface of mouse pre-B cell lines and can function as a signal transducing molecule. International Immunology, 1991, 3, 1129-1136.	4.0	78
53	Dysfunctional cystic fibrosis transmembrane conductance regulator inhibits phagocytosis of apoptotic cells with proinflammatory consequences. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L677-L686.	2.9	76
54	Deficiency of Src Homology 2-Containing Phosphatase 1 Results in Abnormalities in Murine Neutrophil Function: Studies inMotheatenMice. Journal of Immunology, 2000, 165, 5847-5859.	0.8	71

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55	Actin Filaments Facilitate Insulin Activation of the Src and Collagen Homologous/Mitogen-activated Protein Kinase Pathway Leading to DNA Synthesis and c-fos Expression. Journal of Biological Chemistry, 1998, 273, 28322-28331.	3.4	70
56	Enhanced Susceptibility to Pulmonary Infection withBurkholderia cepacia inCftrâˆ'/âˆ' Mice. Infection and Immunity, 2001, 69, 5138-5150.	2.2	69
57	CD44-mediated phagocytosis induces inside-out activation of complement receptor-3 in murine macrophages. Blood, 2007, 110, 4492-4502.	1.4	67
58	Volume regulation in leukocytes: Requirement for an intact cytoskeleton. Journal of Cellular Physiology, 1995, 163, 96-104.	4.1	66
59	501Y.V2 and 501Y.V3 variants of SARS-CoV-2 lose binding to bamlanivimab in vitro. MAbs, 2021, 13, 1919285.	5.2	65
60	Regulation of Src Homology 2-containing Tyrosine Phosphatase 1 during Activation of Human Neutrophils. Journal of Biological Chemistry, 1997, 272, 875-882.	3.4	63
61	Regenerative Medicine and the Developing World. PLoS Medicine, 2006, 3, e381.	8.4	63
62	Leukocyte Elastase Induces Lung Epithelial Apoptosis via a PAR-1â€", NF-ÎºBâ€", and p53-Dependent Pathway. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 742-755.	2.9	63
63	Matrix Metalloproteinases and Protein Tyrosine Kinases. Chest, 2014, 146, 1081-1091.	0.8	62
64	Leukocyte elastase induces epithelial apoptosis: role of mitochondial permeability changes and Akt. American Journal of Physiology - Renal Physiology, 2004, 287, G286-G298.	3.4	60
65	Neutrophil Intercellular Communication in Acute Lung Injury. Emerging Roles of Microparticles and Gap Junctions. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 1-5.	2.9	60
66	Inhibition of neutrophil oxidative burst and granule secretion by Wortmannin: Potential role of MAP kinase and renaturable kinases. , 1997, 172, 94-108.		58
67	Role of Î²-catenin-regulated CCN matricellular proteins in epithelial repair after inflammatory lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L415-L427.	2.9	57
68	Human Neutrophil Peptides and Phagocytic Deficiency in Bronchiectatic Lungs. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 159-166.	5.6	53
69	Human Epidermal Growth Factor Receptor Signaling in Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 395-404.	2.9	52
70	Respiratory Health after Military Service in Southwest Asia and Afghanistan. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, e1-e16.	3.2	52
71	Protein-tyrosine Phosphatase MEG2 Is Expressed by Human Neutrophils. Journal of Biological Chemistry, 2002, 277, 2620-2628.	3.4	50
72	Tyrosine phosphatase MEG2 modulates murine development and platelet and lymphocyte activation through secretory vesicle function. Journal of Experimental Medicine, 2005, 202, 1587-1597.	8.5	48

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73	Role of PAR2 in murine pulmonary pseudomonal infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L368-L377.	2.9	46
74	Chemotactic Peptide-induced Activation of MEK-2, the Predominant Isoform in Human Neutrophils. Journal of Biological Chemistry, 1996, 271, 21005-21011.	3.4	45
75	Air travel in women with lymphangioleiomyomatosis. Thorax, 2007, 62, 176-180.	5.6	45
76	Inactivation of Macrophage Rab7 by Burkholderia cenocepacia. Journal of Innate Immunity, 2010, 2, 522-533.	3.8	44
77	Investigating the Role of Nucleotide-Binding Oligomerization Domainâ€“Like Receptors in Bacterial Lung Infection. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1461-1468.	5.6	42
78	Emerging Roles of Inflammasomes in Acute Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 160-171.	5.6	42
79	Divergent Functions of Toll-like Receptors during Bacterial Lung Infections. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 722-732.	5.6	41
80	Analysis of the MILES cohort reveals determinants of disease progression andÂtreatment response in lymphangioleiomyomatosis. European Respiratory Journal, 2019, 53, 1802066.	6.7	41
81	Adhesion Molecules: Master Controllers of the Circulatory System. , 2016, 6, 945-973.		39
82	Airway Inflammation and Infection in Congenital Bilateral Absence of the Vas Deferens. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 174-179.	5.6	38
83	Factors affecting attainment of paid employment after lung transplantation. Journal of Heart and Lung Transplantation, 2004, 23, 481-486.	0.6	38
84	Influenza virus infection increases ACE2 expression and shedding in human small airway epithelial cells. European Respiratory Journal, 2021, 58, 2003988.	6.7	38
85	Neuroleptic malignant syndrome. American Journal of Medicine, 1984, 77, 338-340.	1.5	37
86	The Protein Tyrosine Phosphatase SHP-2 Regulates Interleukin-1-induced ERK Activation in Fibroblasts. Journal of Biological Chemistry, 2003, 278, 27190-27198.	3.4	36
87	Abnormalities in the Pulmonary Innate Immune System in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 364-374.	2.9	36
88	Burkholderia cenocepacia disrupts host cell actin cytoskeleton by inactivating Rac and Cdc42. Cellular Microbiology, 2012, 14, 239-254.	2.1	32
89	Okadaic acid-induced actin assembly in neutrophils: Role of protein phosphatases. Journal of Cellular Physiology, 1993, 155, 505-519.	4.1	31
90	Protein Tyrosine Phosphatase Î± Mediates Profibrotic Signaling in Lung Fibroblasts through TGF-Î² Responsiveness. American Journal of Pathology, 2014, 184, 1489-1502.	3.8	31

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91	Actin assembly in electropermeabilized neutrophils: Role of G-proteins. Biochemical and Biophysical Research Communications, 1989, 164, 700-705.	2.1	30
92	Insulin, Insulin-like Growth Factor-I, and Platelet-Derived Growth Factor Activate Extracellular Signal-Regulated Kinase by Distinct Pathways in Muscle Cells. Biochemical and Biophysical Research Communications, 2001, 288, 205-211.	2.1	30
93	Accommodation after lung xenografting from hamster to rat1. Transplantation, 2003, 75, 607-612.	1.0	30
94	Phosphorylation of SHP-2 Regulates Interactions between the Endoplasmic Reticulum and Focal Adhesions to Restrict Interleukin-1-induced Ca2+ Signaling. Journal of Biological Chemistry, 2006, 281, 31093-31105.	3.4	30
95	Isolated Cystic Lung Disease: An Algorithmic Approach to Distinguishing Birt-Hogg-DubÃ© Syndrome, Lymphangioleiomyomatosis, and Lymphocytic Interstitial Pneumonia. American Journal of Roentgenology, 2019, 212, 1260-1264.	2.2	30
96	ILâ€1 induced release of Ca 2+ from internal stores is dependent on cellâ€matrix interactions and regulates ERK activation. FASEB Journal, 2003, 17, 1-21.	0.5	29
97	SHP-2 Modulates Interleukin-1-induced Ca2+ Flux and ERK Activation via Phosphorylation of Phospholipase CÎ³1. Journal of Biological Chemistry, 2005, 280, 8397-8406.	3.4	28
98	Tyrosine phosphatase SHP-2 regulates IL-1 signaling in fibroblasts through focal adhesions. Journal of Cellular Physiology, 2006, 207, 132-143.	4.1	25
99	Directed evolution of the metalloproteinase inhibitor TIMP-1 reveals that its N- and C-terminal domains cooperate in matrix metalloproteinase recognition. Journal of Biological Chemistry, 2019, 294, 9476-9488.	3.4	25
100	Up-regulation of functional CXCR4 expression on human lymphocytes in sepsis. Critical Care Medicine, 2006, 34, 3011-3017.	0.9	23
101	Protein-tyrosine Phosphatase-Îµ and Src Functionally Link Focal Adhesions to the Endoplasmic Reticulum to Mediate Interleukin-1-induced Ca2+ Signaling. Journal of Biological Chemistry, 2009, 284, 20763-20772.	3.4	23
102	Activation of Na+-permeant Cation Channel by Stretch and Cyclic AMP-dependent Phosphorylation in Renal Epithelial A6 Cells. Journal of General Physiology, 1997, 110, 327-336.	1.9	22
103	Tyrosine phosphatase PTPÎµ regulates focal adhesion remodeling through Rac1 activation. American Journal of Physiology - Cell Physiology, 2008, 294, C931-C944.	4.6	22
104	ILâ€1Î² enhances cell adhesion to degraded fibronectin. FASEB Journal, 2012, 26, 4429-4444.	0.5	21
105	Importance of Protein-tyrosine Phosphatase-Îµ Catalytic Domains for Interactions with SHP-2 and Interleukin-1-induced Matrix Metalloproteinase-3 Expression. Journal of Biological Chemistry, 2010, 285, 22308-22317.	3.4	20
106	Receptor-mediated actin assembly in electropermeabilized neutrophils: Role of intracellular pH. Biochemical and Biophysical Research Communications, 1989, 160, 18-24.	2.1	19
107	Ras-guanine-nucleotide-releasing factors 1 and 2 interact with PLCÎ³ at focal adhesions to enable IL-1-induced Ca2+ signalling, ERK activation and MMP-3 expression. Biochemical Journal, 2013, 449, 771-782.	3.7	19
108	Resolving the Scar of Pulmonary Fibrosis. New England Journal of Medicine, 2011, 365, 1140-1141.	27.0	17

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109	The importance of matrix metalloproteinase-3 in respiratory disorders. Expert Review of Respiratory Medicine, 2014, 8, 411-421.	2.5	17
110	Mitochondrial function is a critical determinant of ILâ€1â€induced ERK activation. FASEB Journal, 2005, 19, 1-21.	0.5	16
111	Cyclic Nucleotides Modulate Genioglossus and Hypoglossal Responses to Excitatory Inputs in Rats. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 555-565.	5.6	15
112	Heterozygous Meg2 Ablation Causes Intraocular Pressure Elevation and Progressive Glaucomatous Neurodegeneration. Molecular Neurobiology, 2019, 56, 4322-4345.	4.0	15
113	Stimulation of glucose transport in L6 muscle cells by longâ€term intermittent stretchâ€”relaxation. FEBS Letters, 1992, 301, 94-98.	2.8	14
114	Monocyte-Induced Endothelial Calcium Signaling Mediates Early Xenogeneic Endothelial Activation. American Journal of Transplantation, 2005, 5, 237-247.	4.7	13
115	Interactions of the Protein-tyrosine Phosphatase-Î± with the Focal Adhesion Targeting Domain of Focal Adhesion Kinase Are Involved in Interleukin-1 Signaling in Fibroblasts. Journal of Biological Chemistry, 2014, 289, 18427-18441.	3.4	13
116	The Importance of Tyrosine Phosphorylation Control of Cellular Signaling Pathways in Respiratory Disease: pY and pY Not. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 535-547.	2.9	13
117	Engineering of tissue inhibitor of metalloproteinases TIMP-1 for fine discrimination between closely related stromelysins MMP-3 and MMP-10. Journal of Biological Chemistry, 2022, 298, 101654.	3.4	13
118	A novel method for long term bone marrow culture and genetic modification of murine neutrophils via retroviral transduction. Journal of Immunological Methods, 2009, 340, 102-115.	1.4	12
119	Death of the septic monocyte: is more better?. Critical Care, 2006, 10, 146.	5.8	11
120	Role of caveolin-1 in regulation of inflammation: different strokes for different folks. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L175-L177.	2.9	11
121	A ternary complex comprising FAK, PTPÎ± and IP3 receptor 1 functionally engages focal adhesions and the endoplasmic reticulum to mediate IL-1-induced Ca2+ signalling in fibroblasts. Biochemical Journal, 2016, 473, 397-410.	3.7	11
122	Protein tyrosine phosphatase-Î± amplifies transforming growth factor-Î²-dependent profibrotic signaling in lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L294-L311.	2.9	11
123	Afghanistan Particulate Matter Enhances Pro-Inflammatory Responses in IL-13-Exposed Human Airway Epithelium via TLR2 Signaling. Toxicological Sciences, 2018, 166, 345-353.	3.1	10
124	Neutrophil cell signaling in infection: role of phosphatidylinositide 3-kinase. Microbes and Infection, 2003, 5, 1293-1298.	1.9	9
125	The Yin and Yang of Cystic Fibrosis Transmembrane Conductance Regulator Function. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 120-122.	5.6	9
126	Role of PTPÎ± in the Destruction of Periodontal Connective Tissues. PLoS ONE, 2013, 8, e70659.	2.5	9

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127	Regulation of ILâ€1 signaling through control of focal adhesion assembly. FASEB Journal, 2018, 32, 3119-3132.	0.5	9
128	The Leucine-Rich Repeat Region of CARMIL1 Regulates IL-1-Mediated ERK Activation, MMP Expression, and Collagen Degradation. Cell Reports, 2020, 31, 107781.	6.4	9
129	IL-33/ST2 signaling modulates Afghanistan particulate matter induced airway hyperresponsiveness in mice. Toxicology and Applied Pharmacology, 2020, 404, 115186.	2.8	8
130	Rare Lung Diseases I â€“ Lymphangioleiomyomatosis. Canadian Respiratory Journal, 2006, 13, 375-380.	1.6	7
131	Single-Cell RNA Sequencing Reveals a Unique Monocyte Population in Bronchoalveolar Lavage Cells of Mice Challenged With Afghanistan Particulate Matter and Allergen. Toxicological Sciences, 2021, 182, 297-309.	3.1	7
132	Surrogate Humane Endpoints in Small Animal Models of Acute Lung Injury: A Modified Delphi Consensus Study of Researchers and Laboratory Animal Veterinarians*. Critical Care Medicine, 2021, 49, 311-323.	0.9	7
133	Role of Particulate Matter from Afghanistan and Iraq in Deployment-Related Lung Disease. Chemical Research in Toxicology, 2021, 34, 2408-2423.	3.3	7
134	Neutrophil products and alterations in epithelial junctional proteins: prevention of artifactual degradation. Journal of Immunological Methods, 2000, 239, 45-52.	1.4	6
135	A simplified model for en bloc double lung xenotransplantation from hamster to rat. Journal of Heart and Lung Transplantation, 2002, 21, 286-289.	0.6	6
136	It's Much More than Just Pretty Pictures. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 515-516.	2.9	6
137	Difficult Asthma: Consider All of the Possibilities. Canadian Respiratory Journal, 2000, 7, 415-418.	1.6	5
138	Focal adhesions and Ras are functionally and spatially integrated to mediate ILâ€1 activation of ERK. FASEB Journal, 2011, 25, 3448-3464.	0.5	5
139	Patientsâ€™ perceptions versus medical testing of function in women with lymphangioleiomyomatosis (LAM). Respiratory Medicine, 2005, 99, 901-909.	2.9	4
140	PROTEASE-ACTIVATED RECEPTOR (PAR)₁ALTERS BIOELECTRIC PROPERTIES OF DISTAL LUNG EPITHELIA WITHOUT COMPROMISING BARRIER FUNCTION. Experimental Lung Research, 2009, 35, 136-154.	1.2	4
141	Reactive Oxygen Intermediates as Signaling Molecules Regulating Leukocyte Activation. , 1997, , 200-235.		4
142	Current techniques in cell and molecular biology. Journal of Critical Care, 1995, 10, 136-149.	2.2	3
143	Imaging of multisystem Langerhans cell histiocytosis in an adult. European Journal of Radiology Extra, 2007, 61, 109-117.	0.1	3
144	Mechanisms of Fibrosis. , 2019, , 9-31.		3

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145	PTPÎ± promotes fibroproliferative responses after acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 323, L69-L83.	2.9	3
146	Invited Editorial on â€œEffect of mechanical deformation on structure and function of polymorphonuclear leukocytesâ€• Journal of Applied Physiology, 1997, 82, 1395-1396.	2.5	2
147	Neutrophil Intercellular Communication in Acute Lung Injury: Emerging Roles of Microparticles and Gap Junctions. American Journal of Respiratory Cell and Molecular Biology, 0, , .	2.9	2
148	Reply: Defining Lung Injury in Animals. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 267-268.	2.9	2
149	Restarting Respiratory Clinical Research in the Era of the Coronavirus Disease 2019 Pandemic. Chest, 2021, 159, 1173-1181.	0.8	2
150	Cystic fibrosis: potential options for gene-directed therapies. Drug Discovery Today: Therapeutic Strategies, 2004, 1, 345-349.	0.5	1
151	Injury and Repair. , 2016, , 251-260.e9.		1
152	Taking It Off: New Insights into the Role of Tyrosine Phosphorylationâ€“dependent Pathways in the Pathogenesis of Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 418-420.	5.6	1
153	Inhibition of neutrophil oxidative burst and granule secretion by Wortmannin: Potential role of MAP kinase and renaturable kinases. Journal of Cellular Physiology, 1997, 172, 94-108.	4.1	1
154	Tickle my innards. Blood, 2006, 108, 3230-3231.	1.4	0
155	Lymphangioleiomyomatosis. Clinical Pulmonary Medicine, 2008, 15, 325-331.	0.3	0
156	Protein-tyrosine phosphatase-Î± and Src functionally link focal adhesions to the endoplasmic reticulum to mediate interleukin-1-induced Ca2+ signaling.. Journal of Biological Chemistry, 2009, 284, 27020.	3.4	0
157	Pulmonary Host Defenses. , 2012, , 275-287.		0
158	Host Defenses. , 2008, , 165-176.		0
159	Use of Fluorescent Probes to Detect Lipid Signaling Intermediates in Macrophages. Methods in Molecular Biology, 2009, 531, 301-328.	0.9	0
160	Injury and Repair of the Lung. , 2010, , 330-345.		0
161	Chasing the Lymph: New Clues for the Management of Idiopathic Plastic Bronchitis. Annals of the American Thoracic Society, 2016, 13, 1671-1673.	3.2	0
162	Proteinases in the pathogenesis of lymphangioleiomyomatosis lung disease: nibbling or chewing up the lung?. European Respiratory Journal, 2022, 59, 2200405.	6.7	0

#	Article	IF	Citations
163	Reply to: Experimental Acute Lung Injury in Animals: With Age Comes Knowledge. American Journal of Respiratory Cell and Molecular Biology, 2022, , .	2.9	0