

# Gregory Paul Downey

## List of Publications by Year in descending order

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163  
papers

11,932  
citations

22153

59  
h-index

28297

105  
g-index

168  
all docs

168  
docs citations

168  
times ranked

15073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of tissue inhibitor of metalloproteinases TIMP-1 for fine discrimination between closely related stromelysins MMP-3 and MMP-10. <i>Journal of Biological Chemistry</i> , 2022, 298, 101654.	3.4	13
2	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.	2.9	82
3	Proteinases in the pathogenesis of lymphangioleiomyomatosis lung disease: nibbling or chewing up the lung?. <i>European Respiratory Journal</i> , 2022, 59, 2200405.	6.7	0
4	Reply to: Experimental Acute Lung Injury in Animals: With Age Comes Knowledge. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, , .	2.9	0
5	PTP $\hat{\pm}$ promotes fibroproliferative responses after acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L69-L83.	2.9	3
6	Restarting Respiratory Clinical Research in the Era of the Coronavirus Disease 2019 Pandemic. <i>Chest</i> , 2021, 159, 1173-1181.	0.8	2
7	Influenza virus infection increases ACE2 expression and shedding in human small airway epithelial cells. <i>European Respiratory Journal</i> , 2021, 58, 2003988.	6.7	38
8	The basis of a more contagious 501Y.V1 variant of SARS-CoV-2. <i>Cell Research</i> , 2021, 31, 720-722.	12.0	129
9	Single-Cell RNA Sequencing Reveals a Unique Monocyte Population in Bronchoalveolar Lavage Cells of Mice Challenged With Afghanistan Particulate Matter and Allergen. <i>Toxicological Sciences</i> , 2021, 182, 297-309.	3.1	7
10	501Y.V2 and 501Y.V3 variants of SARS-CoV-2 lose binding to bamlanivimab <i>in vitro</i>. <i>MAbs</i> , 2021, 13, 1919285.	5.2	65
11	Surrogate Humane Endpoints in Small Animal Models of Acute Lung Injury: A Modified Delphi Consensus Study of Researchers and Laboratory Animal Veterinarians*. <i>Critical Care Medicine</i> , 2021, 49, 311-323.	0.9	7
12	Role of Particulate Matter from Afghanistan and Iraq in Deployment-Related Lung Disease. <i>Chemical Research in Toxicology</i> , 2021, 34, 2408-2423.	3.3	7
13	The Leucine-Rich Repeat Region of CARMIL1 Regulates IL-1-Mediated ERK Activation, MMP Expression, and Collagen Degradation. <i>Cell Reports</i> , 2020, 31, 107781.	6.4	9
14	IL-33/ST2 signaling modulates Afghanistan particulate matter induced airway hyperresponsiveness in mice. <i>Toxicology and Applied Pharmacology</i> , 2020, 404, 115186.	2.8	8
15	Protein tyrosine phosphatase- $\hat{\pm}$ amplifies transforming growth factor- $\hat{2}$ -dependent profibrotic signaling in lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L294-L311.	2.9	11
16	Respiratory Health after Military Service in Southwest Asia and Afghanistan. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019, 16, e1-e16.	3.2	52
17	Mechanisms of Fibrosis. , 2019, , 9-31.		3
18	Directed evolution of the metalloproteinase inhibitor TIMP-1 reveals that its N- and C-terminal domains cooperate in matrix metalloproteinase recognition. <i>Journal of Biological Chemistry</i> , 2019, 294, 9476-9488.	3.4	25

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19	Isolated Cystic Lung Disease: An Algorithmic Approach to Distinguishing Birt-Hogg-DubÃ© Syndrome, Lymphangiomyomatosis, and Lymphocytic Interstitial Pneumonia. <i>American Journal of Roentgenology</i> , 2019, 212, 1260-1264.	2.2	30
20	Analysis of the MILES cohort reveals determinants of disease progression and treatment response in lymphangiomyomatosis. <i>European Respiratory Journal</i> , 2019, 53, 1802066.	6.7	41
21	Heterozygous Meg2 Ablation Causes Intraocular Pressure Elevation and Progressive Glaucomatous Neurodegeneration. <i>Molecular Neurobiology</i> , 2019, 56, 4322-4345.	4.0	15
22	Emerging Roles of Inflammasomes in Acute Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 160-171.	5.6	42
23	Afghanistan Particulate Matter Enhances Pro-Inflammatory Responses in IL-13-Exposed Human Airway Epithelium via TLR2 Signaling. <i>Toxicological Sciences</i> , 2018, 166, 345-353.	3.1	10
24	The Importance of Tyrosine Phosphorylation Control of Cellular Signaling Pathways in Respiratory Disease: pY and pY Not. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 535-547.	2.9	13
25	Regulation of IL-1 signaling through control of focal adhesion assembly. <i>FASEB Journal</i> , 2018, 32, 3119-3132.	0.5	9
26	Taking It Off: New Insights into the Role of Tyrosine Phosphorylation-dependent Pathways in the Pathogenesis of Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 418-420.	5.6	1
27	Lymphangiomyomatosis 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. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1337-1348.	5.6	159
28	Official American Thoracic Society/Japanese Respiratory Society Clinical Practice Guidelines: Lymphangiomyomatosis Diagnosis and Management. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 748-761.	5.6	236
29	A ternary complex comprising FAK, PTP1B and IP3 receptor 1 functionally engages focal adhesions and the endoplasmic reticulum to mediate IL-1-induced Ca <sup>2+</sup> signalling in fibroblasts. <i>Biochemical Journal</i> , 2016, 473, 397-410.	3.7	11
30	Adhesion Molecules: Master Controllers of the Circulatory System. , 2016, 6, 945-973.		39
31	Transforming Growth Factor- $\beta$ 2: Master Regulator of the Respiratory System in Health and Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 647-655.	2.9	187
32	Injury and Repair. , 2016, , 251-260.e9.		1
33	Chasing the Lymph: New Clues for the Management of Idiopathic Plastic Bronchitis. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1671-1673.	3.2	0
34	The fibroproliferative response in acute respiratory distress syndrome: mechanisms and clinical significance. <i>European Respiratory Journal</i> , 2014, 43, 276-285.	6.7	272
35	Investigating the Role of Nucleotide-Binding Oligomerization Domain-Like Receptors in Bacterial Lung Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1461-1468.	5.6	42
36	Tumor Necrosis Factor- $\alpha$ Accelerates the Resolution of Established Pulmonary Fibrosis in Mice by Targeting Profibrotic Lung Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 825-837.	2.9	158

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37	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
38	Interactions of the Protein-tyrosine Phosphatase- $\hat{\pm}$ 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
39	The importance of matrix metalloproteinase-3 in respiratory disorders. Expert Review of Respiratory Medicine, 2014, 8, 411-421.	2.5	17
40	Protein Tyrosine Phosphatase $\hat{\pm}$ Mediates Profibrotic Signaling in Lung Fibroblasts through TGF- $\hat{\beta}$ 2 Responsiveness. American Journal of Pathology, 2014, 184, 1489-1502.	3.8	31
41	Matrix Metalloproteinases and Protein Tyrosine Kinases. Chest, 2014, 146, 1081-1091.	0.8	62
42	Serum VEGF-D concentration as a biomarker of lymphangiomeiomyomatosis severity and treatment response: a prospective analysis of the Multicenter International Lymphangiomeiomyomatosis Efficacy of Sunitinib (MILES) trial. Lancet Respiratory Medicine, the, 2013, 1, 445-452.	10.7	159
43	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
44	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
45	Reply: Defining Lung Injury in Animals. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 267-268.	2.9	2
46	Role of $\hat{\beta}$ -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
47	Ras-guanine-nucleotide-releasing factors 1 and 2 interact with PLC $\hat{\gamma}$ 3 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
48	Role of PTP $\hat{\pm}$ in the Destruction of Periodontal Connective Tissues. PLoS ONE, 2013, 8, e70659.	2.5	9
49	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
50	Matrix Metalloproteinase Induction of Rac1b, a Key Effector of Lung Cancer Progression. Science Translational Medicine, 2012, 4, 142ra95.	12.4	91
51	IL-1 $\hat{\beta}$ enhances cell adhesion to degraded fibronectin. FASEB Journal, 2012, 26, 4429-4444.	0.5	21
52	Pulmonary Host Defenses. , 2012, , 275-287.		0
53	Burkholderia cenocepacia disrupts host cell actin cytoskeleton by inactivating Rac and Cdc42. Cellular Microbiology, 2012, 14, 239-254.	2.1	32
54	Efficacy and Safety of Sunitinib in Lymphangiomeiomyomatosis. New England Journal of Medicine, 2011, 364, 1595-1606.	27.0	922

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55	Matrix Metalloproteinase 3 Is a Mediator of Pulmonary Fibrosis. American Journal of Pathology, 2011, 179, 1733-1745.	3.8	174
56	Neutrophil transmigration triggers repair of the lung epithelium via $\beta$ -catenin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15990-15995.	7.1	162
57	Focal adhesions and Ras are functionally and spatially integrated to mediate IL-1 activation of ERK. FASEB Journal, 2011, 25, 3448-3464.	0.5	5
58	Resolving the Scar of Pulmonary Fibrosis. New England Journal of Medicine, 2011, 365, 1140-1141.	27.0	17
59	On, Around, and Through: Neutrophil-Endothelial Interactions in Innate Immunity. Physiology, 2011, 26, 334-347.	3.1	83
60	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
61	Importance of Protein-tyrosine Phosphatase- $\beta$ 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
62	Inactivation of Macrophage Rab7 by Burkholderia cenocepacia. Journal of Innate Immunity, 2010, 2, 522-533.	3.8	44
63	It's Much More than Just Pretty Pictures. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 515-516.	2.9	6
64	Remote Ischemic Preconditioning Decreases Adhesion and Selectively Modifies Functional Responses of Human Neutrophils. Journal of Surgical Research, 2010, 158, 155-161.	1.6	125
65	Injury and Repair of the Lung. , 2010, , 330-345.		0
66	Protein-tyrosine phosphatase- $\beta$ and Src functionally link focal adhesions to the endoplasmic reticulum to mediate interleukin-1-induced Ca <sup>2+</sup> signaling.. Journal of Biological Chemistry, 2009, 284, 27020.	3.4	0
67	Human Neutrophil Peptides and Phagocytic Deficiency in Bronchiectatic Lungs. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 159-166.	5.6	53
68	Leukocyte Elastase Induces Lung Epithelial Apoptosis via a PAR-1 $\alpha$ , NF- $\kappa$ B $\alpha$ , and p53-Dependent Pathway. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 742-755.	2.9	63
69	Transepithelial Migration of Neutrophils. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 519-535.	2.9	309
70	PROTEASE-ACTIVATED RECEPTOR (PAR) <sub>1</sub> ALTERS BIOELECTRIC PROPERTIES OF DISTAL LUNG EPITHELIA WITHOUT COMPROMISING BARRIER FUNCTION. Experimental Lung Research, 2009, 35, 136-154.	1.2	4
71	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
72	Protein-tyrosine Phosphatase- $\beta$ and Src Functionally Link Focal Adhesions to the Endoplasmic Reticulum to Mediate Interleukin-1-induced Ca <sup>2+</sup> Signaling. Journal of Biological Chemistry, 2009, 284, 20763-20772.	3.4	23

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73	A novel method for long term bone marrow culture and genetic modification of murine neutrophils via retroviral transduction. <i>Journal of Immunological Methods</i> , 2009, 340, 102-115.	1.4	12
74	Anti-synthetase syndrome in ANA and anti-Jo-1 negative patients presenting with idiopathic interstitial pneumonia. <i>Respiratory Medicine</i> , 2009, 103, 1719-1724.	2.9	138
75	Use of Fluorescent Probes to Detect Lipid Signaling Intermediates in Macrophages. <i>Methods in Molecular Biology</i> , 2009, 531, 301-328.	0.9	0
76	Role of innate immune cells and their products in lung immunopathology. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1348-1361.	2.8	87
77	Tyrosine phosphatase PTP $\hat{\pm}$ regulates focal adhesion remodeling through Rac1 activation. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C931-C944.	4.6	22
78	Role of PAR2 in murine pulmonary pseudomonal infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L368-L377.	2.9	46
79	Lymphangioliomyomatosis. <i>Clinical Pulmonary Medicine</i> , 2008, 15, 325-331.	0.3	0
80	Role of caveolin-1 in regulation of inflammation: different strokes for different folks. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L175-L177.	2.9	11
81	Host Defenses. , 2008, , 165-176.		0
82	Air travel in women with lymphangioliomyomatosis. <i>Thorax</i> , 2007, 62, 176-180.	5.6	45
83	Molecular Pathogenesis of Lymphangioliomyomatosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 398-408.	2.9	91
84	Cystic Fibrosis Mouse Models. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 1-7.	2.9	207
85	CD44-mediated phagocytosis induces inside-out activation of complement receptor-3 in murine macrophages. <i>Blood</i> , 2007, 110, 4492-4502.	1.4	67
86	Imaging of multisystem Langerhans cell histiocytosis in an adult. <i>European Journal of Radiology Extra</i> , 2007, 61, 109-117.	0.1	3
87	Reactive oxygen and nitrogen species as signaling molecules regulating neutrophil function. <i>Free Radical Biology and Medicine</i> , 2007, 42, 153-164.	2.9	564
88	Regenerative Medicine and the Developing World. <i>PLoS Medicine</i> , 2006, 3, e381.	8.4	63
89	Death of the septic monocyte: is more better?. <i>Critical Care</i> , 2006, 10, 146.	5.8	11
90	Neutrophil apoptosis: a marker of disease severity in sepsis and sepsis-induced acute respiratory distress syndrome. <i>Critical Care</i> , 2006, 10, R155.	5.8	116

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91	Rare Lung Diseases I –“ Lymphangioliomyomatosis. Canadian Respiratory Journal, 2006, 13, 375-380.	1.6	7
92	Human neutrophil peptides induce interleukin-8 production through the P2Y6 signaling pathway. Blood, 2006, 107, 2936-2942.	1.4	103
93	CD44 is a phagocytic receptor. Blood, 2006, 107, 4149-4158.	1.4	122
94	Tickle my innards. Blood, 2006, 108, 3230-3231.	1.4	0
95	Neutrophil granule contents in the pathogenesis of lung injury. Current Opinion in Hematology, 2006, 13, 21-27.	2.5	184
96	Up-regulation of functional CXCR4 expression on human lymphocytes in sepsis. Critical Care Medicine, 2006, 34, 3011-3017.	0.9	23
97	Signalling platforms that modulate the inflammatory response: new targets for drug development. Nature Reviews Drug Discovery, 2006, 5, 864-876.	46.4	82
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	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
100	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
101	Murine Hepatitis 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
102	Phosphorylation of SHP-2 Regulates Interactions between the Endoplasmic Reticulum and Focal Adhesions to Restrict Interleukin-1-induced Ca <sup>2+</sup> Signaling. Journal of Biological Chemistry, 2006, 281, 31093-31105.	3.4	30
103	Monocyte-Induced Endothelial Calcium Signaling Mediates Early Xenogeneic Endothelial Activation. American Journal of Transplantation, 2005, 5, 237-247.	4.7	13
104	Mitochondrial function is a critical determinant of IL-1-induced ERK activation. FASEB Journal, 2005, 19, 1-21.	0.5	16
105	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
106	Cytosolic Phospholipase A2-1 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
107	SHP-2 Modulates Interleukin-1-induced Ca <sup>2+</sup> Flux and ERK Activation via Phosphorylation of Phospholipase C <sup>β</sup> 1. Journal of Biological Chemistry, 2005, 280, 8397-8406.	3.4	28
108	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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109	Patients'™ perceptions versus medical testing of function in women with lymphangioleiomyomatosis (LAM). <i>Respiratory Medicine</i> , 2005, 99, 901-909.	2.9	4
110	Lung Inflammation as a Therapeutic Target in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 377-381.	2.9	100
111	Airway Inflammation and Infection in Congenital Bilateral Absence of the Vas Deferens. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 174-179.	5.6	38
112	Leukocyte elastase induces epithelial apoptosis: role of mitochondrial permeability changes and Akt. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G286-G298.	3.4	60
113	Control of vesicle fusion by a tyrosine phosphatase. <i>Nature Cell Biology</i> , 2004, 6, 831-839.	10.3	97
114	The remote ischemic preconditioning stimulus modifies inflammatory gene expression in humans. <i>Physiological Genomics</i> , 2004, 19, 143-150.	2.3	289
115	Cystic fibrosis: potential options for gene-directed therapies. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2004, 1, 345-349.	0.5	1
116	Factors affecting attainment of paid employment after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 481-486.	0.6	38
117	Rac1 is the small GTPase responsible for regulating the neutrophil chemotaxis compass. <i>Blood</i> , 2004, 104, 3758-3765.	1.4	183
118	Neutrophil cell signaling in infection: role of phosphatidylinositide 3-kinase. <i>Microbes and Infection</i> , 2003, 5, 1293-1298.	1.9	9
119	Oxidative Stress and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 427-431.	2.9	329
120	Rac1 Deletion in Mouse Neutrophils Has Selective Effects on Neutrophil Functions. <i>Journal of Immunology</i> , 2003, 170, 5652-5657.	0.8	276
121	IL-1 induced release of Ca <sup>2+</sup> from internal stores is dependent on cell-matrix interactions and regulates ERK activation. <i>FASEB Journal</i> , 2003, 17, 1-21.	0.5	29
122	The Protein Tyrosine Phosphatase SHP-2 Regulates Interleukin-1-induced ERK Activation in Fibroblasts. <i>Journal of Biological Chemistry</i> , 2003, 278, 27190-27198.	3.4	36
123	Proteases and lung injury. <i>Critical Care Medicine</i> , 2003, 31, S189-S194.	0.9	163
124	Accommodation after lung xenografting from hamster to rat. <i>Transplantation</i> , 2003, 75, 607-612.	1.0	30
125	L-selectin stimulation enhances functional expression of surface CXCR4 in lymphocytes: implications for cellular activation during adhesion and migration. <i>Blood</i> , 2003, 101, 4245-4252.	1.4	100
126	Protein-tyrosine Phosphatase MEG2 Is Expressed by Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2002, 277, 2620-2628.	3.4	50



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127	Translocation of the tetraspanin CD63 in association with human eosinophil mediator release. <i>Blood</i> , 2002, 99, 4039-4047.	1.4	89
128	Conventional Mechanical Ventilation Is Associated with Bronchoalveolar Lavage-induced Activation of Polymorphonuclear Leukocytes. <i>Anesthesiology</i> , 2002, 97, 1426-1433.	2.5	84
129	A simplified model for en bloc double lung xenotransplantation from hamster to rat. <i>Journal of Heart and Lung Transplantation</i> , 2002, 21, 286-289.	0.6	6
130	Insulin, Insulin-like Growth Factor-I, and Platelet-Derived Growth Factor Activate Extracellular Signal-Regulated Kinase by Distinct Pathways in Muscle Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 205-211.	2.1	30
131	Neutrophil-mediated epithelial injury during transmigration: role of elastase. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G705-G717.	3.4	151
132	Neutrophil activation and acute lung injury. <i>Current Opinion in Critical Care</i> , 2001, 7, 1-7.	3.2	387
133	Enhanced Susceptibility to Pulmonary Infection with <i>Burkholderia cepacia</i> in Cfr <sup>α</sup> /α <sup>+</sup> Mice. <i>Infection and Immunity</i> , 2001, 69, 5138-5150.	2.2	69
134	Leukocyte Elastase. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 896-904.	5.6	301
135	Neutrophil products and alterations in epithelial junctional proteins: prevention of artifactual degradation. <i>Journal of Immunological Methods</i> , 2000, 239, 45-52.	1.4	6
136	Difficult Asthma: Consider All of the Possibilities. <i>Canadian Respiratory Journal</i> , 2000, 7, 415-418.	1.6	5
137	Deficiency of Src Homology 2-Containing Phosphatase 1 Results in Abnormalities in Murine Neutrophil Function: Studies in <i>Motheaten</i> Mice. <i>Journal of Immunology</i> , 2000, 165, 5847-5859.	0.8	71
138	A Novel Model System for Characterization of Phagosomal Maturation, Acidification, and Intracellular Collagen Degradation in Fibroblasts. <i>Journal of Biological Chemistry</i> , 2000, 275, 35432-35441.	3.4	101
139	Regulation of Neutrophil Activation in Acute Lung Injury. <i>Chest</i> , 1999, 116, 46S-54S.	0.8	89
140	Phagosomal Maturation, Acidification, and Inhibition of Bacterial Growth in Nonphagocytic Cells Transfected with Fc $\gamma$ RIIA Receptors. <i>Journal of Biological Chemistry</i> , 1999, 274, 28436-28444.	3.4	107
141	Role of the actin cytoskeleton in insulin action. <i>Microscopy Research and Technique</i> , 1999, 47, 79-92.	2.2	79
142	The Role of Actin-binding Protein 280 in Integrin-dependent Mechanoprotection. <i>Journal of Biological Chemistry</i> , 1998, 273, 1689-1698.	3.4	223
143	Actin Filaments Facilitate Insulin Activation of the Src and Collagen Homologous/Mitogen-activated Protein Kinase Pathway Leading to DNA Synthesis and c-fos Expression. <i>Journal of Biological Chemistry</i> , 1998, 273, 28322-28331.	3.4	70
144	Activation of Na <sup>+</sup> -permeant Cation Channel by Stretch and Cyclic AMP-dependent Phosphorylation in Renal Epithelial A6 Cells. <i>Journal of General Physiology</i> , 1997, 110, 327-336.	1.9	22

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145	Regulation of Src Homology 2-containing Tyrosine Phosphatase 1 during Activation of Human Neutrophils. <i>Journal of Biological Chemistry</i> , 1997, 272, 875-882.	3.4	63
146	Invited Editorial on "Effect of mechanical deformation on structure and function of polymorphonuclear leukocytes". <i>Journal of Applied Physiology</i> , 1997, 82, 1395-1396.	2.5	2
147	Inhibition of neutrophil oxidative burst and granule secretion by Wortmannin: Potential role of MAP kinase and renaturable kinases. , 1997, 172, 94-108.		58
148	Inhibition of neutrophil oxidative burst and granule secretion by Wortmannin: Potential role of MAP kinase and renaturable kinases. <i>Journal of Cellular Physiology</i> , 1997, 172, 94-108.	4.1	1
149	Reactive Oxygen Intermediates as Signaling Molecules Regulating Leukocyte Activation. , 1997, , 200-235.		4
150	Chemotactic Peptide-induced Activation of MEK-2, the Predominant Isoform in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 1996, 271, 21005-21011.	3.4	45
151	Intracellular signaling in neutrophil priming and activation. <i>Seminars in Cell Biology</i> , 1995, 6, 345-356.	3.4	83
152	Volume regulation in leukocytes: Requirement for an intact cytoskeleton. <i>Journal of Cellular Physiology</i> , 1995, 163, 96-104.	4.1	66
153	Current techniques in cell and molecular biology. <i>Journal of Critical Care</i> , 1995, 10, 136-149.	2.2	3
154	Signaling Functions of L-selectin. <i>Journal of Biological Chemistry</i> , 1995, 270, 15403-15411.	3.4	175
155	Mechanisms of leukocyte motility and chemotaxis. <i>Current Opinion in Immunology</i> , 1994, 6, 113-124.	5.5	131
156	Okadaic acid-induced actin assembly in neutrophils: Role of protein phosphatases. <i>Journal of Cellular Physiology</i> , 1993, 155, 505-519.	4.1	31
157	Neutrophil Sequestration and Migration in Localized Pulmonary Inflammation: Capillary Localization and Migration across the Inter-alveolar Septum. <i>The American Review of Respiratory Disease</i> , 1993, 147, 168-176.	2.9	147
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