# Werner Seeger

List of Publications by Year
in descending order



| | | 1697 | 3476 |
|---|---|---|---|
| 726 | 49,105 | 104 | 182 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 747 | 747 | 747 | 38861 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Inhaled Iloprost for Severe Pulmonary Hypertension. New England Journal of Medicine, 2002, 347, 322-329. | 13.9 | 1,626 |
| 2 | Clinical classification of pulmonary hypertension. Journal of the American College of Cardiology, 2004, 43, S5-S12. | 1.2 | 1,542 |
| 3 | Reversal of experimental pulmonary hypertension by PDGF inhibition. Journal of Clinical Investigation, 2005, 115, 2811-2821. | 3.9 | 917 |
| 4 | Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. Lancet, The, 2002, 360, 895-900. | 6.3 | 720 |
| 5 | Updated Treatment Algorithm of Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2013, 62, D60-D72. | 1.2 | 596 |
| 6 | Enhanced Release of Superoxide from Polymorphonuclear Neutrophils in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 566-570. | 2.5 | 574 |
| 7 | Real-time quantitative RTâ€“PCR after laser-assisted cell picking. Nature Medicine, 1998, 4, 1329-1333. | 15.2 | 547 |
| 8 | Pulmonary Hypertension Due to Left Heart Diseases. Journal of the American College of Cardiology, 2013, 62, D100-D108. | 1.2 | 541 |
| 9 | Pulmonary Hypertension in Chronic Lung Diseases. Journal of the American College of Cardiology, 2013, 62, D109-D116. | 1.2 | 518 |
| 10 | Addition of Inhaled Treprostinil to Oral Therapy for Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2010, 55, 1915-1922. | 1.2 | 484 |
| 11 | Epithelial Endoplasmic Reticulum Stress and Apoptosis in Sporadic Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 838-846. | 2.5 | 447 |
| 12 | WNT1-inducible signaling proteinâ€“1 mediates pulmonary fibrosis in mice and is upregulated in humans with idiopathic pulmonary fibrosis. Journal of Clinical Investigation, 2009, 119, 772-87. | 3.9 | 447 |
| 13 | Combination Therapy with Oral Sildenafil and Inhaled Iloprost for Severe Pulmonary Hypertension. Annals of Internal Medicine, 2002, 136, 515. | 2.0 | 446 |
| 14 | Imatinib for the Treatment of Pulmonary Arterial Hypertension. New England Journal of Medicine, 2005, 353, 1412-1413. | 13.9 | 440 |
| 15 | Functional Wnt Signaling Is Increased in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2008, 3, e2142. | 1.1 | 429 |
| 16 | Pulmonary hypertension in chronic lung disease and hypoxia. European Respiratory Journal, 2019, 53, 1801914. | 3.1 | 428 |
| 17 | Effect of Recombinant Surfactant Protein Câ€“Based Surfactant on the Acute Respiratory Distress Syndrome. New England Journal of Medicine, 2004, 351, 884-892. | 13.9 | 414 |
| 18 | Inhaled Prostacyclin and Iloprost in Severe Pulmonary Hypertension Secondary to Lung Fibrosis. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 600-607. | 2.5 | 369 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mutations of the TGF-Î² type II receptorBMPR2 in pulmonary arterial hypertension. Human Mutation, 2006, 27, 121-132. | 1.1 | 368 |
| 20 | Oral sildenafil as long-term adjunct therapy to inhaled iloprost in severe pulmonary arterial hypertension. Journal of the American College of Cardiology, 2003, 42, 158-164. | 1.2 | 359 |
| 21 | Alveolar Fibrin Formation Caused by Enhanced Procoagulant and Depressed Fibrinolytic Capacities in Severe Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 454-462. | 2.5 | 334 |
| 22 | Lung epithelial apoptosis in influenza virus pneumonia: the role of macrophage-expressed TNF-related apoptosis-inducing ligand. Journal of Experimental Medicine, 2008, 205, 3065-3077. | 4.2 | 323 |
| 23 | Hypoxia-Dependent Regulation of Nonphagocytic NADPH Oxidase Subunit NOX4 in the Pulmonary Vasculature. Circulation Research, 2007, 101, 258-267. | 2.0 | 317 |
| 24 | Mesenchymal Stem Cells in Fibrotic Disease. Cell Stem Cell, 2017, 21, 166-177. | 5.2 | 309 |
| 25 | A comparison of the acute hemodynamic effects of inhaled nitric oxide and aerosolized iloprost in primary pulmonary hypertension. Journal of the American College of Cardiology, 2000, 35, 176-182. | 1.2 | 296 |
| 26 | Immune and Inflammatory Cell Involvement in the Pathology of Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 897-908. | 2.5 | 296 |
| 27 | Inducible NOS Inhibition Reverses Tobacco-Smoke-Induced Emphysema and Pulmonary Hypertension in Mice. Cell, 2011, 147, 293-305. | 13.5 | 293 |
| 28 | Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. Nature Communications, 2018, 9, 1416. | 5.8 | 279 |
| 29 | Classical transient receptor potential channel 6 (TRPC6) is essential for hypoxic pulmonary vasoconstriction and alveolar gas exchange. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19093-19098. | 3.3 | 273 |
| 30 | Sildenafil Increased Exercise Capacity during Hypoxia at Low Altitudes and at Mount Everest Base Camp. Annals of Internal Medicine, 2004, 141, 169. | 2.0 | 271 |
| 31 | Sildenafil for Long-Term Treatment of Nonoperable Chronic Thromboembolic Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1139-1141. | 2.5 | 265 |
| 32 | Pro-proliferative and inflammatory signaling converge on FoxO1 transcription factor in pulmonary hypertension. Nature Medicine, 2014, 20, 1289-1300. | 15.2 | 233 |
| 33 | Chronic Sildenafil Treatment Inhibits Monocrotaline-induced Pulmonary Hypertension in Rats. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 39-45. | 2.5 | 230 |
| 34 | Inhaled Iloprost To Treat Severe Pulmonary Hypertension: An Uncontrolled Trial. Annals of Internal Medicine, 2000, 132, 435. | 2.0 | 229 |
| 35 | Validation of the Tricuspid Annular Plane Systolic Excursion/Systolic Pulmonary Artery Pressure Ratio for the Assessment of Right Ventricular-Arterial Coupling in Severe Pulmonary Hypertension. Circulation: Cardiovascular Imaging, 2019, 12, e009047. | 1.3 | 222 |
| 36 | The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. Journal of Heart and Lung Transplantation, 2017, 36, 957-967. | 0.3 | 221 |

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|---|---|---|---|
| 37 | Surfactant Abnormalities in Patients with Respiratory Failure after Multiple Trauma. The American Review of Respiratory Disease, 1989, 140, 1033-1039. | 2.9 | 219 |
| 38 | Parenteral Nutrition with Fish Oil Modulates Cytokine Response in Patients with Sepsis. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1321-1328. | 2.5 | 219 |
| 39 | Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. Cell Stem Cell, 2017, 20, 261-273.e3. | 5.2 | 217 |
| 40 | Redirecting tumor-associated macrophages to become tumoricidal effectors as a novel strategy for cancer therapy. Oncotarget, 2017, 8, 48436-48452. | 0.8 | 216 |
| 41 | Hyperoxia modulates TGF-Î²/BMP signaling in a mouse model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L537-L549. | 1.3 | 212 |
| 42 | End Points and Clinical Trial Design in Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2009, 54, S97-S107. | 1.2 | 209 |
| 43 | Activation of Soluble Guanylate Cyclase Reverses Experimental Pulmonary Hypertension and Vascular Remodeling. Circulation, 2006, 113, 286-295. | 1.6 | 208 |
| 44 | Impact of TASK-1 in Human Pulmonary Artery Smooth Muscle Cells. Circulation Research, 2006, 98, 1072-1080. | 2.0 | 207 |
| 45 | Serum Levels of Vascular Endothelial Growth Factor Are Elevated in Patients with Obstructive Sleep Apnea and Severe Nighttime Hypoxia. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 67-70. | 2.5 | 206 |
| 46 | Comparative analysis of clinical trials and evidence-based treatment algorithm in pulmonary arterial hypertension. Journal of the American College of Cardiology, 2004, 43, S81-S88. | 1.2 | 206 |
| 47 | Evidence of Dysfunction of Endothelial Progenitors in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 780-787. | 2.5 | 206 |
| 48 | Inhibition of MicroRNA-17 Improves Lung and Heart Function in Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 409-419. | 2.5 | 206 |
| 49 | Stress Doppler Echocardiography in Relatives of Patients With Idiopathic and Familial Pulmonary Arterial Hypertension. Circulation, 2009, 119, 1747-1757. | 1.6 | 205 |
| 50 | Surfactant alteration and replacement in acute respiratory distress syndrome. Respiratory Research, 2001, 2, 353. | 1.4 | 199 |
| 51 | The European IPF registry (eurIPFreg): baseline characteristics and survival of patients with idiopathic pulmonary fibrosis. Respiratory Research, 2018, 19, 141. | 1.4 | 199 |
| 52 | Macrophage-expressed IFN-Î² Contributes to Apoptotic Alveolar Epithelial Cell Injury in Severe Influenza Virus Pneumonia. PLoS Pathogens, 2013, 9, e1003188. | 2.1 | 195 |
| 53 | Exercise training improves peak oxygen consumption and haemodynamics in patients with severe pulmonary arterial hypertension and inoperable chronic thrombo-embolic pulmonary hypertension: a prospective, randomized, controlled trial. European Heart Journal, 2016, 37, 35-44. | 1.0 | 194 |
| 54 | Alveolar Epithelial Cells Direct Monocyte Transepithelial Migration upon Influenza Virus Infection: Impact of Chemokines and Adhesion Molecules. Journal of Immunology, 2006, 177, 1817-1824. | 0.4 | 190 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Inhibition of monocyte, lymphocyte, and neutrophil adhesion to endothelial cells by human milk oligosaccharides. Thrombosis and Haemostasis, 2004, 92, 1402-1410. | 1.8 | 189 |
| 56 | Macrophage and Cancer Cell Cross-talk via CCR2 and CX3CR1 Is a Fundamental Mechanism Driving Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 437-447. | 2.5 | 186 |
| 57 | Monocytes Are Potent Facilitators of Alveolar Neutrophil Emigration During Lung Inflammation: Role of the CCL2-CCR2 Axis. Journal of Immunology, 2003, 170, 3273-3278. | 0.4 | 184 |
| 58 | Upregulation of NAD(P)H oxidase 1 in hypoxia activates hypoxia-inducible factor 1 via increase in reactive oxygen species. Free Radical Biology and Medicine, 2004, 36, 1279-1288. | 1.3 | 183 |
| 59 | Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. Nature Communications, 2019, 10, 2987. | 5.8 | 181 |
| 60 | The Role of CC Chemokine Receptor 2 in Alveolar Monocyte and Neutrophil Immigration in Intact Mice. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 268-273. | 2.5 | 179 |
| 61 | Transfusion-related acute lung injury due to HLA-A2-specific antibodies in recipient and NB1-specific antibodies in donor blood. British Journal of Haematology, 1996, 93, 707-713. | 1.2 | 178 |
| 62 | MicroRNA-124 Controls the Proliferative, Migratory, and Inflammatory Phenotype of Pulmonary Vascular Fibroblasts. Circulation Research, 2014, 114, 67-78. | 2.0 | 178 |
| 63 | Phenotypic characterization of alveolar monocyte recruitment in acute respiratory distress syndrome. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L25-L35. | 1.3 | 171 |
| 64 | Short-Time Infusion of Fish Oil-Based Lipid Emulsions, Approved for Parenteral Nutrition, Reduces Monocyte Proinflammatory Cytokine Generation and Adhesive Interaction with Endothelium in Humans. Journal of Immunology, 2003, 171, 4837-4843. | 0.4 | 170 |
| 65 | Adrenomedullin Reduces Endothelial Hyperpermeability. Circulation Research, 2002, 91, 618-625. | 2.0 | 167 |
| 66 | Ï‰-3 vs. Ï‰-6 lipid emulsions exert differential influence on neutrophils in septic shock patients: impact on plasma fatty acids and lipid mediator generation. Intensive Care Medicine, 2003, 29, 1472-1481. | 3.9 | 167 |
| 67 | Prevention of Bleomycin-induced Lung Fibrosis by Aerosolization of Heparin or Urokinase in Rabbits. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1358-1365. | 2.5 | 167 |
| 68 | Antioxidant Vitamin C Improves Endothelial Function in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 897-901. | 2.5 | 167 |
| 69 | Activation of TRPC6 channels is essential for lung ischaemiaâ€“reperfusion induced oedema in mice. Nature Communications, 2012, 3, 649. | 5.8 | 162 |
| 70 | Resident Alveolar Macrophages Are Replaced by Recruited Monocytes in Response to Endotoxin-Induced Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 227-235. | 1.4 | 161 |
| 71 | Increased levels and reduced catabolism of asymmetric and symmetric dimethylarginines in pulmonary hypertension. FASEB Journal, 2005, 19, 1175-1177. | 0.2 | 158 |
| 72 | Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. Circulation: Heart Failure, 2019, 12, e005512. | 1.6 | 158 |

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|---|---|---|---|
| 73 | Abnormalities of Gastric Mucosal Oxygenation in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1586-1592. | 2.5 | 157 |
| 74 | Cardio-Pulmonary-Renal Interactions. Journal of the American College of Cardiology, 2015, 65, 2433-2448. | 1.2 | 157 |
| 75 | Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. International Journal of Cardiology, 2018, 266, 229-235. | 0.8 | 154 |
| 76 | Nebulization of biodegradable nanoparticles: impact of nebulizer technology and nanoparticle characteristics on aerosol features. Journal of Controlled Release, 2003, 86, 131-144. | 4.8 | 151 |
| 77 | Simvastatin Inhibits Inflammatory Properties ofStaphylococcus aureusÎ±-Toxin. Circulation, 2002, 106, 2104-2110. | 1.6 | 146 |
| 78 | AMP-activated protein kinase regulates CO2-induced alveolar epithelial dysfunction in rats and human cells by promoting Na,K-ATPase endocytosis. Journal of Clinical Investigation, 2008, 118, 752-62. | 3.9 | 146 |
| 79 | Endotoxin-Induced Myocardial Tumor Necrosis Factor-Î± Synthesis Depresses Contractility of Isolated Rat Hearts. Circulation, 2000, 102, 2758-2764. | 1.6 | 143 |
| 80 | Pulmonary surfactant: functions, abnormalities and therapeutic options. Intensive Care Medicine, 2001, 27, 1699-1717. | 3.9 | 141 |
| 81 | Phosphodiesterase 1 Upregulation in Pulmonary Arterial Hypertension. Circulation, 2007, 115, 2331-2339. | 1.6 | 139 |
| 82 | Alteration of Fatty Acid Profiles in Different Pulmonary Surfactant Phospholipids in Acute Respiratory Distress Syndrome and Severe Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 95-100. | 2.5 | 137 |
| 83 | Fgf10-positive cells represent a progenitor cell population during lung development and postnatally. Development (Cambridge), 2014, 141, 296-306. | 1.2 | 136 |
| 84 | Favorable Effects of Inhaled Treprostinil in Severe Pulmonary Hypertension. Journal of the American College of Cardiology, 2006, 48, 1672-1681. | 1.2 | 135 |
| 85 | Differences in hemodynamic and oxygenation responses to three different phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension. Journal of the American College of Cardiology, 2004, 44, 1488-1496. | 1.2 | 134 |
| 86 | TGF-Î² directs trafficking of the epithelial sodium channel ENaC which has implications for ion and fluid transport in acute lung injury. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E374-83. | 3.3 | 129 |
| 87 | Ï‰-3 Fatty acidâ€“based lipid infusion in patients with chronic plaque psoriasis: Results of a double-blind, randomized, placebo-controlled, multicenter trial. Journal of the American Academy of Dermatology, 1998, 38, 539-547. | 0.6 | 128 |
| 88 | Dysregulated Bone Morphogenetic Protein Signaling in Monocrotaline-Induced Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1072-1078. | 1.1 | 127 |
| 89 | HIF-1Î± signaling is augmented during intermittent hypoxia by induction of the Nrf2 pathway in NOX1-expressing adenocarcinoma A549 cells. Free Radical Biology and Medicine, 2010, 48, 1626-1635. | 1.3 | 126 |
| 90 | Matrix metalloproteinases and their inhibitors in pulmonary hypertension. European Respiratory Journal, 2012, 40, 766-782. | 3.1 | 125 |

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|---|---|---|---|
| 91 | The Effect of Repeated Ozone Exposures on Inflammatory Markers in Bronchoalveolar Lavage Fluid and Mucosal Biopsies. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 1855-1861. | 2.5 | 123 |
| 92 | Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. Lancet Respiratory Medicine,the, 2019, 7, 227-238. | 5.2 | 122 |
| 93 | Transgelin is a direct target of TGFâ€Î²/Smad3â€dependent epithelial cell migration in lung fibrosis. FASEB Journal, 2008, 22, 1778-1789. | 0.2 | 121 |
| 94 | Monocyte Migration Through the Alveolar Epithelial Barrier: Adhesion Molecule Mechanisms and Impact of Chemokines. Journal of Immunology, 2000, 164, 427-435. | 0.4 | 120 |
| 95 | Characterization of novel spray-dried polymeric particles for controlled pulmonary drug delivery. Journal of Controlled Release, 2012, 158, 329-335. | 4.8 | 120 |
| 96 | Monocytes recruited into the alveolar air space of mice show a monocytic phenotype but upregulate CD14. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L58-L68. | 1.3 | 119 |
| 97 | Prostacyclin and its analogues in the treatment of pulmonary hypertension. , 2004, 102, 139-153. | | 119 |
| 98 | NOX4 Regulates ROS Levels Under Normoxic and Hypoxic Conditions, Triggers Proliferation, and Inhibits Apoptosis in Pulmonary Artery Adventitial Fibroblasts. Antioxidants and Redox Signaling, 2008, 10, 1687-1698. | 2.5 | 118 |
| 99 | Role of Epidermal Growth Factor Inhibition in Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 158-167. | 2.5 | 118 |
| 100 | T<scp>ranslational</scp> A<scp>dvances in the</scp> F<scp>ield of</scp> P<scp>ulmonary</scp> H<scp>ypertension</scp>.From Cancer Biology to New Pulmonary Arterial Hypertension Therapeutics. Targeting Cell Growth and Proliferation Signaling Hubs. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 425-437. | 2.5 | 117 |
| 101 | Safety and Efficacy of Inhaled Treprostinil as Add-On Therapy to Bosentan in Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2006, 48, 1433-1437. | 1.2 | 115 |
| 102 | Role of resident alveolar macrophages in leukocyte traffic into the alveolar air space of intact mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L1245-L1252. | 1.3 | 113 |
| 103 | Influenza Virus Infects Epithelial Stem/Progenitor Cells of the Distal Lung: Impact on Fgfr2b-Driven Epithelial Repair. PLoS Pathogens, 2016, 12, e1005544. | 2.1 | 113 |
| 104 | Reprogramming of tumor-associated macrophages by targeting Î²-catenin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. Science Advances, 2020, 6, eaaz6105. | 4.7 | 110 |
| 105 | A Search for Subgroups of Patients With ARDS Who May Benefit From Surfactant Replacement Therapy. Chest, 2008, 134, 724-732. | 0.4 | 109 |
| 106 | Pulmonary drug delivery with aerosolizable nanoparticles in an ex vivo lung model. International Journal of Pharmaceutics, 2009, 367, 169-178. | 2.6 | 109 |
| 107 | Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Nonâ€“Small Cell Lung Carcinoma. Cancer Research, 2020, 80, 4414-4425. | 0.4 | 109 |
| 108 | Role of Src Tyrosine Kinases in Experimental Pulmonary Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1354-1365. | 1.1 | 108 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Aberrant expression and activity of histone deacetylases in sporadic idiopathic pulmonary fibrosis. Thorax, 2015, 70, 1022-1032. | 2.7 | 106 |
| 110 | Hypoxia-inducible factor signaling in pulmonary hypertension. Journal of Clinical Investigation, 2020, 130, 5638-5651. | 3.9 | 104 |
| 111 | Ï‰-3 Fatty acids suppress monocyte adhesion to human endothelial cells: role of endothelial PAF generation. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H811-H818. | 1.5 | 103 |
| 112 | Macrophage Tumor Necrosis Factor-Î± Induces Epithelial Expression of Granulocyteâ€“Macrophage Colony-stimulating Factor. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 521-532. | 2.5 | 103 |
| 113 | Senescence-Associated Secretory Phenotype and Its Possible Role in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 323-333. | 1.4 | 103 |
| 114 | Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. Journal of Clinical Investigation, 2020, 130, 3560-3575. | 3.9 | 103 |
| 115 | Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. PLoS ONE, 2015, 10, e0139073. | 1.1 | 101 |
| 116 | The Soluble Guanylate Cyclase Stimulator Riociguat Ameliorates Pulmonary Hypertension Induced by Hypoxia and SU5416 in Rats. PLoS ONE, 2012, 7, e43433. | 1.1 | 100 |
| 117 | Expression profiling of laser-microdissected intrapulmonary arteries in hypoxia-induced pulmonary hypertension. Respiratory Research, 2005, 6, 109. | 1.4 | 99 |
| 118 | Macrophage-epithelial paracrine crosstalk inhibits lung edema clearance during influenza infection. Journal of Clinical Investigation, 2016, 126, 1566-1580. | 3.9 | 99 |
| 119 | Hypoxic pulmonary artery fibroblasts trigger proliferation of vascular smooth muscle cellsâ€role of hypoxiaâ€inducible transcription factors. FASEB Journal, 2002, 16, 1660-1661. | 0.2 | 98 |
| 120 | Long-term effects of inhaled treprostinil in patients with pulmonary arterial hypertension: The TReprostinil sodium Inhalation Used in the Management of Pulmonary arterial Hypertension (TRIUMPH) study open-label extension. Journal of Heart and Lung Transplantation, 2011, 30, 1327-1333. | 0.3 | 98 |
| 121 | Antiremodeling Effects of Iloprost and the Dual-Selective Phosphodiesterase 3/4 Inhibitor Tolafentrine in Chronic Experimental Pulmonary Hypertension. Circulation Research, 2004, 94, 1101-1108. | 2.0 | 97 |
| 122 | Biophysical investigation of pulmonary surfactant surface properties upon contact with polymeric nanoparticles in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 341-350. | 1.7 | 97 |
| 123 | Lysyl Oxidases Play a Causal Role in Vascular Remodeling in Clinical and Experimental Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1446-1458. | 1.1 | 97 |
| 124 | Exudate Macrophages Attenuate Lung Injury by the Release of IL-1 Receptor Antagonist in Gram-negative Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1380-1390. | 2.5 | 94 |
| 125 | The Noncanonical WNT Pathway Is Operative in Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 683-691. | 1.4 | 93 |
| 126 | Alveolar epithelial cells orchestrate DC function in murine viral pneumonia. Journal of Clinical Investigation, 2012, 122, 3652-3664. | 3.9 | 93 |

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|---|---|---|---|
| 127 | Transforming Growth Factor-Î²-Dependent Growth Inhibition in Primary Vascular Smooth Muscle Cells Is p38-Dependent. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1005-1012. | 1.3 | 92 |
| 128 | Impact of Mitochondria and NADPH Oxidases on Acute and Sustained Hypoxic Pulmonary Vasoconstriction. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 505-513. | 1.4 | 90 |
| 129 | Mitochondrial Complex IV Subunit 4 Isoform 2 Is Essential for Acute Pulmonary Oxygen Sensing. Circulation Research, 2017, 121, 424-438. | 2.0 | 90 |
| 130 | TGFâ€Î² signaling is dynamically regulated during the alveolarization of rodent and human lungs. Developmental Dynamics, 2008, 237, 259-269. | 0.8 | 89 |
| 131 | Obstructive Sleep Apnea, Oxidative Stress and Cardiovascular Disease: Lessons from Animal Studies. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7. | 1.9 | 89 |
| 132 | Increased FGF1-FGFRc expression in idiopathic pulmonary fibrosis. Respiratory Research, 2015, 16, 83. | 1.4 | 89 |
| 133 | Notch1 signalling regulates endothelial proliferation and apoptosis in pulmonary arterial hypertension. European Respiratory Journal, 2016, 48, 1137-1149. | 3.1 | 89 |
| 134 | Identification of novel Nox4 splice variants with impact on ROS levels in A549 cells. Biochemical and Biophysical Research Communications, 2005, 329, 32-39. | 1.0 | 88 |
| 135 | Genetic Association of the Serotonin Transporter in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 793-797. | 2.5 | 88 |
| 136 | Hypoxic vasoconstriction in intact lungs: a role for NADPH oxidase-derived H<sub>2</sub>O<sub>2</sub>?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L683-L690. | 1.3 | 87 |
| 137 | Role of Hypoxia-Inducible Factor-1Î± in Hypoxia-Induced Apoptosis of Primary Alveolar Epithelial Type II Cells. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 395-403. | 1.4 | 87 |
| 138 | Surface expression of CD74 by type II alveolar epithelial cells: a potential mechanism for macrophage migration inhibitory factor-induced epithelial repair. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L442-L452. | 1.3 | 87 |
| 139 | Evaluation of Angiogenesis Using Micro-Computed Tomography in a Xenograft Mouse Model of Lung Cancer. Neoplasia, 2009, 11, 48-56. | 2.3 | 87 |
| 140 | FoxO3 an important player in fibrogenesis and therapeutic target for idiopathic pulmonary fibrosis. EMBO Molecular Medicine, 2018, 10, 276-293. | 3.3 | 85 |
| 141 | Expression and Activity of Phosphodiesterase Isoforms during Epithelial Mesenchymal Transition: The Role of Phosphodiesterase 4. Molecular Biology of the Cell, 2009, 20, 4751-4765. | 0.9 | 84 |
| 142 | Modelling bronchopulmonary dysplasia in mice: how much oxygen is enough?. DMM Disease Models and Mechanisms, 2017, 10, 185-196. | 1.2 | 84 |
| 143 | Lung Surfactant Phospholipids Associate with Polymerizing Fibrin: Loss of Surface Activity. American Journal of Respiratory Cell and Molecular Biology, 1993, 9, 213-220. | 1.4 | 83 |
| 144 | Epithelial Stress and Apoptosis Underlie Hermansky-Pudlak Syndromeâ€“associated Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 207-219. | 2.5 | 83 |

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|---|---|---|---|
| 145 | The Angiotensin II Receptor 2 Is Expressed and Mediates Angiotensin II Signaling in Lung Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 640-650. | 1.4 | 82 |
| 146 | Role of the Prostanoid EP4 Receptor in Iloprost-mediated Vasodilatation in Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 188-196. | 2.5 | 82 |
| 147 | Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. ESC Heart Failure, 2021, 8, 183-203. | 1.4 | 82 |
| 148 | Physiologic basis for the treatment of pulmonary hypertension. Translational Research, 2001, 138, 287-297. | 2.4 | 81 |
| 149 | Cellular and molecular mechanisms of hypoxia-inducible factor driven vascular remodeling. Thrombosis and Haemostasis, 2007, 97, 774-787. | 1.8 | 81 |
| 150 | Comparative Proteomic Analysis of Lung Tissue from Patients with Idiopathic Pulmonary Fibrosis (IPF) and Lung Transplant Donor Lungs. Journal of Proteome Research, 2011, 10, 2185-2205. | 1.8 | 80 |
| 151 | Stimulation of Soluble Guanylate Cyclase Prevents Cigarette Smokeâ€“induced Pulmonary Hypertension and Emphysema. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1359-1373. | 2.5 | 80 |
| 152 | Preoperative Renal Functional Reserve Predicts Risk of Acute Kidney Injury After Cardiac Operation. Annals of Thoracic Surgery, 2018, 105, 1094-1101. | 0.7 | 80 |
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