

Werner Seeger

List of Publications by Year in descending order

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769
papers

51,218
citations

1605

105
h-index

3301

184
g-index

828
all docs

828
docs citations

828
times ranked

47427
citing authors

#	ARTICLE	IF	CITATIONS
1	High prevalence of SARS-Coronavirus-2 in patients with inflammatory bowel disease and the role of soluble angiotensin converting Enzyme2. Archives of Physiology and Biochemistry, 2024, 130, 325-332.	2.1	2
2	Alveolar macrophage-expressed Plet1 is a driver of lung epithelial repair after viral pneumonia. Nature Communications, 2024, 15, .	13.2	6
3	Liver stiffness is associated with right heart dysfunction, cardiohepatic syndrome, and prognosis in pulmonary hypertension. Journal of Heart and Lung Transplantation, 2024, 43, 1105-1115.	0.6	2
4	miR-147b mediated suppression of DUSP8 promotes lung cancer progression. Oncogene, 2024, 43, 1178-1189.	5.9	2
5	Comparison of Contemporary Risk Scores in All Groups of Pulmonary Hypertension. Chest, 2024, , .	0.9	1
6	Right ventricular pressure-strain relationship-derived myocardial work reflects contractility: Validation with invasive pressure-volume analysis. Journal of Heart and Lung Transplantation, 2024, 43, 1183-1187.	0.6	2
7	GLI1+ Cells Contribute to Vascular Remodeling in Pulmonary Hypertension. Circulation Research, 2024, 134, .	10.7	1
8	Microscopic computed tomography with AI-CNN-powered image analysis: the path to phenotype bleomycin-induced lung injury. American Journal of Physiology - Cell Physiology, 2024, 326, C1637-C1647.	4.6	0
9	Air travel in patients suffering from pulmonary hypertensionâ€”A prospective, multicentre study. Pulmonary Circulation, 2024, 14, .	1.8	0
10	Phosphodiesterase-5 Inhibitor Treatment is Associated with Improved Survival in Pulmonary Hypertension Associated with COPD in the PVRI GoDeep Meta-Registry. Chest, 2024, , .	0.9	0
11	Postoperative Fluid Accumulation is Associated With Underestimation of AKI Severity in Lung Transplant Recipients. Clinical Transplantation, 2024, 38, .	1.6	0
12	Validating green building social sustainability indicators in China using the fuzzy delphi method. Journal of Industrial and Production Engineering, 2023, 40, 35-53.	3.2	16
13	Imaging the right atrium in pulmonary hypertension: A systematic review and meta-analysis. Journal of Heart and Lung Transplantation, 2023, 42, 433-446.	0.6	8
14	iNOS Deletion in Alveolar Epithelium Cannot Reverse the Elastase-Induced Emphysema in Mice. Cells, 2023, 12, 125.	4.3	0
15	Decreased plasma levels of the brain-derived neurotrophic factor correlate with right heart congestion in pulmonary arterial hypertension. ERJ Open Research, 2023, 9, 00230-2022.	2.7	2
16	Targeting Wnt-ÃŸ-Catenin-FOSL Signaling Ameliorates Right Ventricular Remodeling. Circulation Research, 2023, 132, 1468-1485.	10.7	14
17	The HDAC2-SP1 Axis Orchestrates Protumor Macrophage Polarization. Cancer Research, 2023, 83, 2345-2357.	0.9	9
18	Nicotine promotes e-cigarette vapour-induced lung inflammation and structural alterations. European Respiratory Journal, 2023, 61, 2200951.	7.5	7

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19	Clinical and functional relevance of right ventricular contraction patterns in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2023, 42, 1518-1528.	0.6	3
20	Echocardiographic evaluation of right ventricular diastolic function in pulmonary hypertension. <i>ERJ Open Research</i> , 2023, 9, 00226-2023.	2.7	5
21	<scp>ADPGKâ€AS1 </scp> long noncoding <scp>RNA</scp> switches macrophage metabolic and phenotypic state to promote lung cancer growth. <i>EMBO Journal</i> , 2023, 42, .	8.2	11
22	Transcriptional profiling unveils molecular subgroups of adaptive and maladaptive right ventricular remodeling in pulmonary hypertension. <i>Nature Cardiovascular Research</i> , 2023, 2, 917-936.	3.8	8
23	Changes in Dopplerâ€Derived Kidney Venous Flow and Adverse Cardiorenal Outcomes in Patients With Heart Failure. <i>Journal of the American Heart Association</i> , 2023, 12, .	3.9	1
24	Fibroblast growth factor 10 reverses cigarette smoke- and elastase-induced emphysema and pulmonary hypertension in mice. <i>European Respiratory Journal</i> , 2023, 62, 2201606.	7.5	2
25	Genetic deletion of p66shc and/or cyclophilin D results in decreased pulmonary vascular tone. <i>Cardiovascular Research</i> , 2022, 118, 305-315.	3.7	9
26	A novel non-invasive and echocardiography-derived method for quantification of right ventricular pressureâ€volume loops. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 498-507.	1.1	23
27	Exercise hemodynamics in heart failure patients with preserved and mid-range ejection fraction: key role of the right heart. <i>Clinical Research in Cardiology</i> , 2022, 111, 393-405.	3.5	5
28	Macrophage-derived IL-6 trans-signalling as a novel target in the pathogenesis of bronchopulmonary dysplasia. <i>European Respiratory Journal</i> , 2022, 59, 2002248.	7.5	50
29	A splicing variation in NPRL2 causing familial focal epilepsy with variable foci: additional cases and literature review. <i>Journal of Human Genetics</i> , 2022, 67, 79-85.	2.3	8
30	Myeloid-cell-specific deletion of inducible nitric oxide synthase protects against smoke-induced pulmonary hypertension in mice. <i>European Respiratory Journal</i> , 2022, 59, 2101153.	7.5	18
31	Risk assessment in pulmonary hypertension based on routinely measured laboratory parameters. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 400-410.	0.6	18
32	Effects of BPA on right ventricular mechanical dysfunction in patients with inoperable CTEPH â€ A cardiac magnetic resonance study. <i>European Journal of Radiology</i> , 2022, 147, 110111.	2.7	12
33	Differential LysoTracker Uptake Defines Two Populations of Distal Epithelial Cells in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2022, 11, 235.	4.3	7
34	Picturing of the Lung Tumor Cellular Composition by Multispectral Flow Cytometry. <i>Frontiers in Immunology</i> , 2022, 13, 827719.	4.9	6
35	Targeting peptidyl-prolyl isomerase 1 in experimental pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2022, 60, 2101698.	7.5	5
36	An essential function for autocrine hedgehog signaling in epithelial proliferation and differentiation in the trachea. <i>Development (Cambridge)</i> , 2022, 149, .	2.6	7

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37	Noncanonical HIPPO/MST Signaling via BUB3 and FOXO Drives Pulmonary Vascular Cell Growth and Survival. <i>Circulation Research</i> , 2022, 130, 760-778.	10.7	20
38	Relevance of Cor Pulmonale in COPD With and Without Pulmonary Hypertension: A Retrospective Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826369.	2.5	9
39	Immunogenicity and reactogenicity of homologous mRNA-based and vector-based SARS-CoV-2 vaccine regimens in patients receiving maintenance dialysis. <i>Clinical Immunology</i> , 2022, 236, 108961.	3.3	10
40	Unmasking right ventricular-arterial uncoupling during fluid challenge in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 345-355.	0.6	12
41	Corrigendum to "Effects of multikinase inhibitors on pressure overload-induced right ventricular remodeling" [International Journal of Cardiology 167 (2013) 2630-2637]. <i>International Journal of Cardiology</i> , 2022, , .	1.6	0
42	Mammographically occult breast cancers detected with AI-based diagnosis supporting software: clinical and histopathologic characteristics. <i>Insights Into Imaging</i> , 2022, 13, 57.	3.6	10
43	SPARC, a Novel Regulator of Vascular Cell Function in Pulmonary Hypertension. <i>Circulation</i> , 2022, 145, 916-933.	9.3	26
44	Peroxiredoxins as Markers of Oxidative Stress in IgA Nephropathy, Membranous Nephropathy and Lupus Nephritis. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2022, 70, 3.	2.5	18
45	Inhaled Iloprost Improves Right Ventricular Load-Independent Contractility in Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 111-114.	6.6	12
46	Investigation of Neutron Displacement Effects in Bipolar Amplifiers With Lateral and Substrate p-n-p Input Transistors. <i>IEEE Transactions on Nuclear Science</i> , 2022, 69, 1979-1985.	2.0	1
47	Effects of preoperative high-oral protein loading on short- and long-term renal outcomes following cardiac surgery: a cohort study. <i>Journal of Translational Medicine</i> , 2022, 20, 204.	4.5	5
48	Epigenetic reactivation of transcriptional programs orchestrating fetal lung development in human pulmonary hypertension. <i>Science Translational Medicine</i> , 2022, 14, .	13.4	24
49	Transcriptional Profiling of Insulin-like Growth Factor Signaling Components in Embryonic Lung Development and Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2022, 11, 1973.	4.3	5
50	Mitochondrial Respiration in Peripheral Blood Mononuclear Cells Negatively Correlates with Disease Severity in Pulmonary Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2022, 11, 4132.	2.5	7
51	Research on the Evaluation of Multi-Energy Microgrid under the Background of New Power System. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-14.	1.2	0
52	Maternal and perinatal obesity induce bronchial obstruction and pulmonary hypertension via IL-6-FoxO1-axis in later life. <i>Nature Communications</i> , 2022, 13, .	13.2	15
53	Pulmonary Vascular Research Institute GoDeep: A meta-registry merging deep phenotyping data from international PH reference centers. <i>Pulmonary Circulation</i> , 2022, 12, .	1.8	7
54	Right ventricular-pulmonary arterial coupling and its relationship to exercise haemodynamics in a continuum of patients with pulmonary vascular disease due to chronic thromboembolism. <i>European Respiratory Journal</i> , 2022, 60, 2200450.	7.5	5

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55	Integrated design of an amination process of lignin oxygenated model compounds to synthesize cyclohexylamine: catalyst nanostructure engineering and catalytic conditional strategy. <i>Green Chemistry</i> , 2022, 24, 6335-6359.	9.4	2
56	Fibrocytes boost tumor-supportive phenotypic switches in the lung cancer niche via the endothelin system. <i>Nature Communications</i> , 2022, 13, .	13.2	10
57	Bayesian Inference Associates Rare <i>KDR</i> Variants With Specific Phenotypes in Pulmonary Arterial Hypertension. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, .	3.8	33
58	Targeting Jak-Stat Signaling in Experimental Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 100-114.	3.3	43
59	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. <i>European Respiratory Journal</i> , 2021, 57, 1901192.	7.5	17
60	Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. <i>ESC Heart Failure</i> , 2021, 8, 183-203.	3.1	93
61	Immunoglobulin deficiency as an indicator of disease severity in patients with COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L590-L599.	3.0	19
62	Severe organising pneumonia following COVID-19. <i>Thorax</i> , 2021, 76, 201-204.	7.2	70
63	The H ₂ S-generating enzyme 3-mercaptopyruvate sulfurtransferase regulates pulmonary vascular smooth muscle cell migration and proliferation but does not impact normal or aberrant lung development. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 107, 31-45.	2.7	7
64	Right heart failure in pulmonary hypertension: Diagnosis and new perspectives on vascular and direct right ventricular treatment. <i>British Journal of Pharmacology</i> , 2021, 178, 90-107.	5.7	44
65	Genetic Delivery and Gene Therapy in Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1179.	4.2	20
66	Evaluation of Regional Pulmonary Ventilation in Spontaneously Breathing Patients with Idiopathic Pulmonary Fibrosis (IPF) Employing Electrical Impedance Tomography (EIT): A Pilot Study from the European IPF Registry (eurIPFreg). <i>Journal of Clinical Medicine</i> , 2021, 10, 192.	2.5	7
67	Therapeutic Potential of Regorafenib—A Multikinase Inhibitor in Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1502.	4.2	4
68	Impact of the new definition for pulmonary hypertension in patients with lung disease: an analysis of the United Network for Organ Sharing database. <i>Pulmonary Circulation</i> , 2021, 11, 1-7.	1.8	15
69	Mayten Tree Seed Oil: Nutritional Value Evaluation According to Antioxidant Capacity and Bioactive Properties. <i>Foods</i> , 2021, 10, 729.	4.3	1
70	High burden of tuberculosis infection and disease among people receiving medication-assisted treatment for substance use disorder in Tanzania. <i>PLoS ONE</i> , 2021, 16, e0250038.	2.5	8
71	COVID-19: spot urine rather than bronchoalveolar lavage fluid analysis?. <i>Critical Care</i> , 2021, 25, 162.	6.0	1
72	Utilising biomarkers to predict right heart maladaptive phenotype: a step toward precision medicine. <i>European Respiratory Journal</i> , 2021, 57, 2004506.	7.5	1

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73	Validity of echocardiographic tricuspid regurgitation gradient to screen for new definition of pulmonary hypertension. <i>EClinicalMedicine</i> , 2021, 34, 100822.	7.2	26
74	Noninvasive Surrogate Markers of Pulmonary Hypertension Are Associated with Poor Survival in Patients with Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1316-1319.	6.6	10
75	Right ventricular pressure-volume loop shape and systolic pressure change in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L715-L725.	3.0	23
76	The effect of long-term doxycycline treatment in a mouse model of cigarette smoke-induced emphysema and pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L903-L915.	3.0	9
77	Hypercapnia Induces Inositol-Requiring Enzyme 1 α -Driven Endoplasmic Reticulum-associated Degradation of the Na,K-ATPase β -Subunit. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 615-629.	3.3	8
78	TRAF2 Is a Novel Ubiquitin E3 Ligase for the Na,K-ATPase β -Subunit That Drives Alveolar Epithelial Dysfunction in Hypercapnia. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 689983.	3.8	2
79	Increasing medicinal and phytochemical compounds of coneflower (<i>Echinacea purpurea</i> L.) as affected by NO $_3^-$ /NH $_4^+$ ratio and perlite particle size in hydroponics. <i>Scientific Reports</i> , 2021, 11, 15202.	3.4	8
80	PINK1-mediated Mitophagy Contributes to Pulmonary Vascular Remodeling in Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 226-228.	3.3	12
81	Exposomes to Exosomes: Exosomes as Tools to Study Epigenetic Adaptive Mechanisms in High-Altitude Humans. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8280.	2.7	5
82	Deficiency of Axl aggravates pulmonary arterial hypertension via BMPR2. <i>Communications Biology</i> , 2021, 4, 1002.	4.5	4
83	Osteopontin and Galectin-3 As Biomarkers of Maladaptive Right Ventricular Remodeling in Pulmonary Hypertension. <i>Biomarkers in Medicine</i> , 2021, 15, 1021-1034.	1.4	6
84	Evidence for Multiple Origins of De Novo Formed Vascular Smooth Muscle Cells in Pulmonary Hypertension: Challenging the Dominant Model of Pre-Existing Smooth Muscle Expansion. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8584.	2.7	1
85	Renal markers for monitoring acute kidney injury transition to chronic kidney disease after COVID-19. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 2143-2147.	0.8	5
86	Hidden Treasures: Macrophage Long Non-Coding RNAs in Lung Cancer Progression. <i>Cancers</i> , 2021, 13, 4127.	3.8	8
87	Reply to: Pulmonary Hypertension: A Predictor of Lung Cancer Prognosis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1113.	6.6	0
88	Impairment of hypoxic pulmonary vasoconstriction in acute respiratory distress syndrome. <i>European Respiratory Review</i> , 2021, 30, 210059.	7.4	19
89	Adenylate Kinase α A Key Regulator of Proliferation and Metabolic Shift in Human Pulmonary Arterial Smooth Muscle Cells via Akt and HIF-1 α Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10371.	4.2	15
90	Increased metformin dosage suppresses pro-inflammatory cytokine levels in systemic circulation and might contribute to its beneficial effects. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 252-264.	1.1	15

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91	Interferon Regulatory Factor 9 Promotes Lung Cancer Progression via Regulation of Versican. <i>Cancers</i> , 2021, 13, 208.	3.8	10
92	A comparison of airway pressures for inflation fixation of developing mouse lungs for stereological analyses. <i>Histochemistry and Cell Biology</i> , 2021, 155, 203-214.	1.7	5
93	Clinical Relevance of Right Atrial Functional Response to Treatment in Pulmonary Arterial Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775039.	2.5	7
94	A fully convolutional network feature descriptor: Application to left ventricle motion estimation based on graph matching in short-axis MRI. <i>Neurocomputing</i> , 2020, 392, 196-208.	6.2	8
95	Evaluation and Prognostic Relevance of Right Ventricular Arterial Coupling in Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 116-119.	6.6	77
96	Advances in the Interfacial Assembly of Mesoporous Silica on Magnetite Particles. <i>Angewandte Chemie</i> , 2020, 132, 15936-15949.	2.1	12
97	Characterization of <i>GDF2</i> Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 575-585.	6.6	89
98	Epithelial cell plasticity defines heterogeneity in lung cancer. <i>Cellular Signalling</i> , 2020, 65, 109463.	3.7	18
99	Dorsal Root Ganglion Stimulation in Experimental Painful Diabetic Polyneuropathy: Delayed Wash-Out of Pain Relief After Low-Frequency (1Hz) Stimulation. <i>Neuromodulation</i> , 2020, 23, 177-184.	0.9	28
100	Association of right atrial conduit phase with right ventricular lusitropic function in pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 633-642.	1.4	19
101	Right ventricular function correlates of right atrial strain in pulmonary hypertension: a combined cardiac magnetic resonance and conductance catheter study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H156-H164.	3.4	46
102	Solubilization of Rhodium in Hydrochloric Acid Using an Alkali Metal Salt Method. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2020, 51, 377-385.	2.2	14
103	Metabolism in tumour-associated macrophages: a <i>quid pro quo</i> with the tumour microenvironment. <i>European Respiratory Review</i> , 2020, 29, 200134.	7.4	28
104	Advanced risk stratification of intermediate risk group in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-5.	1.8	17
105	Novel composite clinical endpoints and risk scores used in clinical trials in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-11.	1.8	12
106	IRAG1 Deficient Mice Develop PKG1 ^{Î²} Dependent Pulmonary Hypertension. <i>Cells</i> , 2020, 9, 2280.	4.3	7
107	Extracorporeal Carbon Dioxide Removal Using a Renal Replacement Therapy Platform to Enhance Lung-Protective Ventilation in Hypercapnic Patients With Coronavirus Disease 2019-Associated Acute Respiratory Distress Syndrome. <i>Frontiers in Medicine</i> , 2020, 7, 598379.	2.7	14
108	Minoxidil Cannot Be Used To Target Lysyl Hydroxylases during Postnatal Mouse Lung Development: A Cautionary Note. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 375, 478-487.	2.4	2

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109	Effects of macitentan and tadalafil monotherapy or their combination on the right ventricle and plasma metabolites in pulmonary hypertensive rats. <i>Pulmonary Circulation</i> , 2020, 10, 1-16.	1.8	10
110	Hydrogen Pentagraphenelike Structure Stabilized by Hafnium: A High-Temperature Conventional Superconductor. <i>Physical Review Letters</i> , 2020, 125, 217001.	8.0	104
111	Assessing the Effectiveness of Pirfenidone in Idiopathic Pulmonary Fibrosis: Long-Term, Real-World Data from European IPF Registry (eurIPFreg). <i>Journal of Clinical Medicine</i> , 2020, 9, 3763.	2.5	12
112	Clinical and Functional Characteristics of Patients with Unclassifiable Interstitial Lung Disease (uILD): Long-Term Follow-Up Data from European IPF Registry (eurIPFreg). <i>Journal of Clinical Medicine</i> , 2020, 9, 2499.	2.5	19
113	Choice of imaging method in the work-up of non-calcified breast lesions identified on tomosynthesis screening. <i>European Journal of Radiology</i> , 2020, 131, 109203.	2.7	2
114	Impact of litter size on survival, growth and lung alveolarization of newborn mouse pups. <i>Annals of Anatomy</i> , 2020, 232, 151579.	2.0	1
115	Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Non-Small Cell Lung Carcinoma. <i>Cancer Research</i> , 2020, 80, 4414-4425.	0.9	129
116	Impact of SARS-CoV-2 pandemic on pulmonary hypertension out-patient clinics in Germany: a multicentre study. <i>Pulmonary Circulation</i> , 2020, 10, 1-3.	1.8	15
117	Commercially available transfection reagents and negative control siRNA are not inert. <i>Analytical Biochemistry</i> , 2020, 606, 113828.	2.5	4
118	Isoform-specific characterization of class I histone deacetylases and their therapeutic modulation in pulmonary hypertension. <i>Scientific Reports</i> , 2020, 10, 12864.	3.4	27
119	Pre-transplant renal functional reserve and renal function after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 970-974.	0.6	1
120	Risk assessment in severe pulmonary hypertension due to interstitial lung disease. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1118-1125.	0.6	18
121	Metastasis-Associated Protein 2 Represses NF- κ B to Reduce Lung Tumor Growth and Inflammation. <i>Cancer Research</i> , 2020, 80, 4199-4211.	0.9	10
122	Elevated FiO ₂ increases SARS-CoV-2 co-receptor expression in respiratory tract epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L670-L674.	3.0	11
123	Decreased Thymic Output Contributes to Immune Defects in Septic Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2695.	2.5	5
124	Genetic Deficiency and Pharmacological Stabilization of Mast Cells Ameliorate Pressure Overload-Induced Maladaptive Right Ventricular Remodeling in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9099.	4.2	6
125	Evaluation of pulmonary hypertension by right heart catheterisation: does timing matter?. <i>European Respiratory Journal</i> , 2020, 56, 1901892.	7.5	11
126	Antibacterial and NF- κ B Inhibitory Lumazine Peptides, Aspochalasin, β -Butyrolactone Derivatives, and Cyclic Peptides from a Hawaiian <i>Aspergillus flavipes</i> . <i>Journal of Natural Products</i> , 2020, 83, 2233-2240.	3.0	16

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127	Effect of p53 activation on experimental right ventricular hypertrophy. PLoS ONE, 2020, 15, e0234872.	2.5	7
128	Sex Differences in Right Ventricularâ€Pulmonary Arterial Coupling in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1042-1046.	6.6	54
129	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. Nature Metabolism, 2020, 2, 532-546.	11.4	24
130	Cytochrome P450 epoxygenaseâ€derived 5,6â€epoxyeicosatrienoic acid relaxes pulmonary arteries in normoxia but promotes sustained pulmonary vasoconstriction in hypoxia. Acta Physiologica, 2020, 230, e13521.	3.9	9
131	Reprogramming of tumor-associated macrophages by targeting β -catenin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. Science Advances, 2020, 6, eaaz6105.	10.9	125
132	Call it by the correct nameâ€pulmonary hypertension not pulmonary arterial hypertension: growing recognition of the global health impact for a well-recognized condition and the role of the Pulmonary Vascular Research Institute. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L992-L994.	3.0	18
133	Immunomodulation by an Omega-6 Fatty Acid Reduced Mixed Lipid Emulsion in Murine Acute Respiratory Distress Syndrome. Journal of Clinical Medicine, 2020, 9, 2048.	2.5	4
134	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFR β . American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1445-1457.	6.6	49
135	Hypercapnia Impairs Na,K-ATPase Function by Inducing Endoplasmic Reticulum Retention of the β -Subunit of the Enzyme in Alveolar Epithelial Cells. International Journal of Molecular Sciences, 2020, 21, 1467.	4.2	13
136	Right ventricular dyssynchrony: from load-independent right ventricular function to wall stress in severe pulmonary arterial hypertension. Pulmonary Circulation, 2020, 10, 204589402092575.	1.8	5
137	SPARCL1 as a biomarker of maladaptive right ventricular remodelling in pulmonary hypertension. Biomarkers, 2020, 25, 290-295.	1.8	11
138	Bypassing mitochondrial complex III using alternative oxidase inhibits acute pulmonary oxygen sensing. Science Advances, 2020, 6, eaba0694.	10.9	45
139	Macrophage and Tumor Cell Cross-Talk Is Fundamental for Lung Tumor Progression: We Need to Talk. Frontiers in Oncology, 2020, 10, 324.	2.9	91
140	The Lung Vasculature: A Driver or Passenger in Lung Branching Morphogenesis?. Frontiers in Cell and Developmental Biology, 2020, 8, 623868.	3.8	14
141	Identification of a Repair-Supportive Mesenchymal Cell Population during Airway Epithelial Regeneration. Cell Reports, 2020, 33, 108549.	6.3	30
142	Assessment of Kidney Injury as a Severity Criteria for Clostridioides Difficile Infection. Open Forum Infectious Diseases, 2020, 7, ofaa476.	0.9	8
143	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. Journal of Clinical Investigation, 2020, 130, 3560-3575.	8.2	115
144	Hypoxia-inducible factor signaling in pulmonary hypertension. Journal of Clinical Investigation, 2020, 130, 5638-5651.	8.2	123

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145	SCRINSHOT enables spatial mapping of cell states in tissue sections with single-cell resolution. <i>PLoS Biology</i> , 2020, 18, e3000675.	5.4	51
146	Multilineage murine stem cells generate complex organoids to model distal lung development and disease. <i>EMBO Journal</i> , 2020, 39, e103476.	8.2	47
147	Persistent decrease of renal functional reserve in patients after cardiac surgery-associated acute kidney injury despite clinical recovery. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 308-317.	0.8	60
148	Susceptibility of microtubule-associated protein 1 light chain 3 ^β (MAP1LC3B/LC3B) knockout mice to lung injury and fibrosis. <i>FASEB Journal</i> , 2019, 33, 12392-12408.	0.5	17
149	Reply to Bogaard et al.: Emphysema Is “at the Most” Only a Mild Phenotype in the Sugden/Hypoxia Rat Model of Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1450-1452.	6.6	4
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