

# Seiichiro Sakao

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

2,206  
citations

304602

22  
h-index

265120

42  
g-index

104  
all docs

104  
docs citations

104  
times ranked

2849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary Veno-occlusive Disease that Developed Following Hematopoietic Stem Cell Transplantation for Acute Myeloid Leukemia. <i>Internal Medicine</i> , 2023, 62, 275-279.	0.3	1
2	Selexipag for the treatment of chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , 2022, 60, 2101694.	3.1	26
3	Multi-omics analysis of right ventricles in rat models of pulmonary arterial hypertension: Consideration of mitochondrial biogenesis by chrysin. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	1.8	3
4	Tolerability of prone positioning in non-intubated patients with hypoxaemia due to COVID-19-related pneumonia. <i>Respirology</i> , 2022, 27, 370-371.	1.3	4
5	Altered gut microbiota and its association with inflammation in patients with chronic thromboembolic pulmonary hypertension: a single-center observational study in Japan. <i>BMC Pulmonary Medicine</i> , 2022, 22, 138.	0.8	8
6	The Isoquinoline-Sulfonamide Compound H-1337 Attenuates SU5416/Hypoxia-Induced Pulmonary Arterial Hypertension in Rats. <i>Cells</i> , 2022, 11, 66.	1.8	5
7	Case of a Deep Neck Abscess During Treatment for COVID-19. <i>American Journal of Case Reports</i> , 2022, 23, e936034.	0.3	3
8	Pneumocystis pneumonia in an immunocompetent patient developing a subacute disease course with central consolidation. <i>Respiratory Medicine Case Reports</i> , 2022, 37, 101659.	0.2	0
9	Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike. <i>Cell</i> , 2022, 185, 2103-2115.e19.	13.5	273
10	Metabolic remodeling in the right ventricle of rats with severe pulmonary arterial hypertension. <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	11
11	Heritable pulmonary arterial hypertension complicated by multiple pulmonary arteriovenous malformations. <i>Respiratory Medicine Case Reports</i> , 2021, 32, 101352.	0.2	0
12	Yellow nail syndrome with massive chylothorax after esophagectomy: A case report. <i>Respiratory Medicine Case Reports</i> , 2021, 33, 101448.	0.2	1
13	The clinical characteristics, treatment, and survival of portopulmonary hypertension in Japan. <i>BMC Pulmonary Medicine</i> , 2021, 21, 89.	0.8	7
14	Alternative approaches for clinical clerkship during the COVID-19 pandemic: online simulated clinical practice for inpatients and outpatients—a mixed method. <i>BMC Medical Education</i> , 2021, 21, 149.	1.0	31
15	Drug Fever Due to Favipiravir Administration for the Treatment of a COVID-19 Patient. <i>Internal Medicine</i> , 2021, 60, 1115-1117.	0.3	2
16	Cell Tracking Suggests Pathophysiological and Therapeutic Role of Bone Marrow Cells in Sugen5416/Hypoxia Rat Model of Pulmonary Arterial Hypertension. <i>Canadian Journal of Cardiology</i> , 2021, 37, 913-923.	0.8	0
17	Serum anti-DIDO1, anti-CPSF2, and anti-FOXJ2 antibodies as predictive risk markers for acute ischemic stroke. <i>BMC Medicine</i> , 2021, 19, 131.	2.3	13
18	Characteristics of patients meeting the new definition of pre-capillary pulmonary hypertension (Nice) Tj ETQq0 0 0 ggBT /Overlock 10 Tt	0.8	3

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19	Six Cases of Hemoptysis with Angiogenesis from Non-Bronchial Systemic Arteries. <i>American Journal of Case Reports</i> , 2021, 22, e933187.	0.3	2
20	A case of pulmonary arterial hypertension with V/Q SPECT / CT that showed localized uptake of 99mTc just below the pleura and a unique distribution. <i>Respirology Case Reports</i> , 2021, 9, e0847.	0.3	0
21	Possibility of deterioration of respiratory status when steroids precede antiviral drugs in patients with COVID-19 pneumonia: A retrospective study. <i>PLoS ONE</i> , 2021, 16, e0256977.	1.1	14
22	Interventricular septal curvature as an additional echocardiographic parameter for evaluating chronic thromboembolic pulmonary hypertension: a single-center retrospective study. <i>BMC Pulmonary Medicine</i> , 2021, 21, 328.	0.8	1
23	Vascular involvement in chronic thromboembolic pulmonary hypertension is associated with spirometry obstructive impairment. <i>BMC Pulmonary Medicine</i> , 2021, 21, 407.	0.8	7
24	Pulmonary hypertension with a low cardiac index requires a higher PaO <sub>2</sub> level to avoid tissue hypoxia. <i>Respirology</i> , 2020, 25, 97-103.	1.3	4
25	Protective role of endothelial progenitor cells stimulated by riociguat in chronic thromboembolic pulmonary hypertension. <i>International Journal of Cardiology</i> , 2020, 299, 263-270.	0.8	12
26	Characteristics of Japanese elderly patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-13.	0.8	6
27	Effects of pulmonary endarterectomy on pulmonary hemodynamics in chronic thromboembolic pulmonary hypertension, evaluated by interventricular septum curvature. <i>Pulmonary Circulation</i> , 2020, 10, 1-9.	0.8	3
28	The extent of enlarged bronchial arteries is not correlated with the development of reperfusion pulmonary edema after pulmonary endarterectomy in patients with chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-5.	0.8	1
29	Reply to letter to Editor. <i>International Journal of Cardiology</i> , 2020, 307, 164.	0.8	0
30	Gut microbiota modification suppresses the development of pulmonary arterial hypertension in an SU5416/hypoxia rat model. <i>Pulmonary Circulation</i> , 2020, 10, 1-10.	0.8	32
31	Severe thrombocytopenia in patients with idiopathic pulmonary arterial hypertension provided several strategies for lung transplantation. <i>Pulmonary Circulation</i> , 2020, 10, 1-4.	0.8	4
32	Circulating Anti-Sorting Nexins 16 Antibodies as an Emerging Biomarker of Coronary Artery Disease in Patients with Obstructive Sleep Apnea. <i>Diagnostics</i> , 2020, 10, 71.	1.3	7
33	Chronic lung disease-associated PH: PAH-approved drugs and established universal healthcare insurance in Japan. <i>Respiratory Investigation</i> , 2020, 58, 230-231.	0.9	0
34	Nocturnal Hypoxemia and High Circulating TNF- $\alpha$ Levels in Chronic Thromboembolic Pulmonary Hypertension. <i>Internal Medicine</i> , 2020, 59, 1819-1826.	0.3	10
35	Acute Eosinophilic Pneumonia and Heated Tobacco Products. <i>Internal Medicine</i> , 2020, 59, 2807-2807.	0.3	3
36	Pulmonary Hypertension that Developed During Treatment for Hepatopulmonary Syndrome and Pulmonary Arteriovenous Malformation. <i>Internal Medicine</i> , 2019, 58, 1765-1769.	0.3	6

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37	Chronic obstructive pulmonary disease and the early stage of cor pulmonale: A perspective in treatment with pulmonary arterial hypertension-approved drugs. <i>Respiratory Investigation</i> , 2019, 57, 325-329.	0.9	13
38	Chronic thromboembolic pulmonary hypertension in Austria and Japan. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 604-614.e2.	0.4	30
39	The updated classification of PVOD/PCH: A slight but meaningful change. <i>Respiratory Investigation</i> , 2019, 57, 408-409.	0.9	0
40	Involvement of pulmonary arteriopathy in the development and severity of reperfusion pulmonary edema after pulmonary endarterectomy. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	0.8	6
41	Characterization of pulmonary intimal sarcoma cells isolated from a surgical specimen: In vitro and in vivo study. <i>PLoS ONE</i> , 2019, 14, e0214654.	1.1	2
42	Clinical characteristics and prognosis in patients with chronic thromboembolic pulmonary hypertension and a concomitant psychiatric disorder. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	0.8	7
43	&lt;p&gt;Single-use suvorexant for treating insomnia during overnight polysomnography in patients with suspected obstructive sleep apnea: a single-center experience&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 809-816.	2.0	5
44	Elevated levels of autoantibodies against EXD2 and PHAX in the sera of patients with chronic thromboembolic pulmonary hypertension. <i>PLoS ONE</i> , 2019, 14, e0211377.	1.1	5
45	Pulmonary Hypertension Exacerbated by Nintedanib Administration for Idiopathic Pulmonary Fibrosis. <i>Internal Medicine</i> , 2019, 58, 965-968.	0.3	8
46	Features of radiological and physiological findings in pulmonary capillary hemangiomatosis: an updated pooled analysis of confirmed diagnostic cases. <i>Pulmonary Circulation</i> , 2019, 9, 1-8.	0.8	3
47	Use of vasodilators for the treatment of pulmonary veno-occlusive disease and pulmonary capillary hemangiomatosis: A systematic review. <i>Respiratory Investigation</i> , 2019, 57, 183-190.	0.9	14
48	Safety of diagnostic flexible bronchoscopy in patients with echocardiographic evidence of pulmonary hypertension. <i>Respiratory Investigation</i> , 2019, 57, 73-78.	0.9	7
49	Heart Rate and Oxygen Saturation Change Patterns During 6-min Walk Test in Subjects With Chronic Thromboembolic Pulmonary Hypertension. <i>Respiratory Care</i> , 2018, 63, 573-583.	0.8	8
50	Endothelial cells from pulmonary endarterectomy specimens possess a high angiogenic potential and express high levels of hepatocyte growth factor. <i>BMC Pulmonary Medicine</i> , 2018, 18, 197.	0.8	8
51	Impact of Arterial Stiffness on WatchPAT Variables in Patients With Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 319-325.	1.4	15
52	Balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension: A systematic review. <i>Respiratory Investigation</i> , 2018, 56, 332-341.	0.9	42
53	Long-Term Outcome of Chronic Thromboembolic Pulmonary Hypertension at a Single Japanese Pulmonary Endarterectomy Center. <i>Circulation Journal</i> , 2018, 82, 1428-1436.	0.7	23
54	Partial anomalous pulmonary venous return with dual drainage to the superior vena cava and left atrium with pulmonary hypertension. <i>Respiratory Medicine Case Reports</i> , 2018, 25, 112-115.	0.2	2

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55	Circulating autoantibodies against neuroblastoma suppressor of tumorigenicity 1 (NBL1): A potential biomarker for coronary artery disease in patients with obstructive sleep apnea. <i>PLoS ONE</i> , 2018, 13, e0195015.	1.1	12
56	V. Pulmonary Hypertension Associated with Respiratory Diseases. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2018, 107, 226-233.	0.0	0
57	Mosaic attenuation pattern in non-contrast computed tomography for the assessment of pulmonary perfusion in chronic thromboembolic pulmonary hypertension. <i>Respiratory Investigation</i> , 2017, 55, 300-307.	0.9	17
58	The dilatation of main pulmonary artery and right ventricle observed by enhanced chest computed tomography predict poor outcome in inoperable chronic thromboembolic pulmonary hypertension. <i>European Journal of Radiology</i> , 2017, 94, 70-77.	1.2	16
59	Endothelial cell-related autophagic pathways in Sugden/hypoxia-exposed pulmonary arterial hypertensive rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L899-L915.	1.3	24
60	The anticoagulant effects of warfarin and the bleeding risk associated with its use in patients with chronic thromboembolic pulmonary hypertension at a specialist center in Japan: a retrospective cohort study. <i>Pulmonary Circulation</i> , 2017, 7, 684-691.	0.8	10
61	Riociguat for patients with chronic thromboembolic pulmonary hypertension: Usefulness of transitioning from phosphodiesterase type 5 inhibitor. <i>Respiratory Investigation</i> , 2017, 55, 270-275.	0.9	16
62	Prognostic and pathophysiological marker for patients with chronic thromboembolic pulmonary hypertension: Usefulness of diffusing capacity for carbon monoxide at diagnosis. <i>Respirology</i> , 2017, 22, 179-186.	1.3	22
63	The Development of Marked Collateral Circulation due to Inferior Vena Cava Filter Occlusion in a Patient with Chronic Thromboembolic Pulmonary Hypertension Complicated with Anti-phospholipid Syndrome. <i>Internal Medicine</i> , 2017, 56, 931-936.	0.3	4
64	Adult Partial Anomalous Pulmonary Venous Connection With Drainage to Left Atrium and Inferior Vena Cava Clearly Visualized on a Combination of Multiple Imaging Techniques. <i>Circulation Journal</i> , 2017, 81, 1547-1549.	0.7	2
65	Circulating Anti-Coatomer Protein Complex Subunit Epsilon (COPE) Autoantibodies as a Potential Biomarker for Cardiovascular and Cerebrovascular Events in Patients with Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 393-400.	1.4	12
66	Severe Pulmonary Arteriopathy Is Associated with Persistent Hypoxemia after Pulmonary Endarterectomy in Chronic Thromboembolic Pulmonary Hypertension. <i>PLoS ONE</i> , 2016, 11, e0161827.	1.1	10
67	Moyamoya disease and artery tortuosity as rare phenotypes in a patient with an elastin mutation. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1924-1927.	0.7	3
68	Prominin-1/CD133 expression as potential tissue-resident vascular endothelial progenitor cells in the pulmonary circulation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L1130-L1142.	1.3	20
69	Right ventricular sugars and fats in chronic thromboembolic pulmonary hypertension. <i>International Journal of Cardiology</i> , 2016, 219, 143-149.	0.8	5
70	Importance of carefully interpreting computed tomography images to detect partial anomalous pulmonary venous return. <i>Respiratory Investigation</i> , 2016, 54, 69-74.	0.9	12
71	Pulmonary haemodynamics are correlated with intimal lesions in a rat model of severe PAH: attenuation of pulmonary vascular remodelling with ambrisentan. <i>Histology and Histopathology</i> , 2016, 31, 1357-65.	0.5	4
72	Features of REM-related Sleep Disordered Breathing in the Japanese Population. <i>Internal Medicine</i> , 2015, 54, 1481-1487.	0.3	17

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73	Noninvasive assessment of pulmonary vascular resistance by echocardiography in chronic thromboembolic pulmonary hypertension. <i>Respiratory Investigation</i> , 2015, 53, 210-216.	0.9	8
74	Determinants of an elevated pulmonary arterial pressure in patients with pulmonary arterial hypertension. <i>Respiratory Research</i> , 2015, 16, 84.	1.4	14
75	Hypoxia-induced proliferation of tissue-resident endothelial progenitor cells in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L746-L758.	1.3	24
76	Vascular Repair by Tissue-Resident Endothelial Progenitor Cells in Endotoxin-Induced Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 500-512.	1.4	56
77	Increased Right Ventricular Fatty Acid Accumulation in Chronic Thromboembolic Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1465-1472.	1.5	12
78	Evaluation of the Microcirculation in Chronic Thromboembolic Pulmonary Hypertension Patients: The Impact of Pulmonary Arterial Remodeling on Postoperative and Follow-Up Pulmonary Arterial Pressure and Vascular Resistance. <i>PLoS ONE</i> , 2015, 10, e0133167.	1.1	26
79	The Role of Matrix Metalloproteinase in the Intimal Sarcoma-Like Cells Derived from Endarterectomized Tissues from a Chronic Thromboembolic Pulmonary Hypertension Patient. <i>PLoS ONE</i> , 2014, 9, e87489.	1.1	9
80	Electrocardiogram-Gated 320-Slice Multidetector Computed Tomography for the Measurement of Pulmonary Arterial Distensibility in Chronic Thromboembolic Pulmonary Hypertension. <i>PLoS ONE</i> , 2014, 9, e111563.	1.1	12
81	Pentraxin3 in Chronic Thromboembolic Pulmonary Hypertension: A New Biomarker for Screening from Remitted Pulmonary Thromboembolism. <i>PLoS ONE</i> , 2014, 9, e113086.	1.1	14
82	Home-based pulmonary rehabilitation in patients with inoperable or residual chronic thromboembolic pulmonary hypertension: A preliminary study. <i>Respiratory Investigation</i> , 2014, 52, 357-364.	0.9	50
83	The vascular bed in COPD: pulmonary hypertension and pulmonary vascular alterations. <i>European Respiratory Review</i> , 2014, 23, 350-355.	3.0	72
84	The effects of emphysema on airway disease: Correlations between multi-detector CT and pulmonary function tests in smokers. <i>European Journal of Radiology</i> , 2014, 83, 1022-1028.	1.2	13
85	Long-term Survival of Japanese Patients with Pulmonary Arterial Hypertension Treated with Beraprost Sodium, an Oral Prostacyclin Analogue. <i>Internal Medicine</i> , 2014, 53, 1913-1920.	0.3	6
86	Role of 320-Slice CT Imaging in the Diagnostic Workup of Patients With Chronic Thromboembolic Pulmonary Hypertension. <i>Chest</i> , 2013, 143, 1070-1077.	0.4	86
87	Crosstalk between endothelial cell and thrombus in chronic thromboembolic pulmonary hypertension: perspective. <i>Histology and Histopathology</i> , 2013, 28, 185-93.	0.5	16
88	Subpleural Perfusion as a Predictor for a Poor Surgical Outcome in Chronic Thromboembolic Pulmonary Hypertension. <i>Chest</i> , 2012, 141, 929-934.	0.4	31
89	Molecular mechanisms of lung-specific toxicity induced by epidermal growth factor receptor tyrosine kinase inhibitors. <i>Oncology Letters</i> , 2012, 4, 865-867.	0.8	13
90	Survival of Japanese Patients with Pulmonary Arterial Hypertension after the Introduction of Endothelin Receptor Antagonists and/or Phosphodiesterase Type-5 Inhibitors. <i>Internal Medicine</i> , 2012, 51, 2721-2726.	0.3	7

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91	Plasma proteomic analysis in patients with obstructive sleep apnea syndrome. <i>Sleep and Biological Rhythms</i> , 2012, 10, 336-339.	0.5	3
92	Vascular remodeling in pulmonary arterial hypertension: Multiple cancer-like pathways and possible treatment modalities. <i>International Journal of Cardiology</i> , 2011, 147, 4-12.	0.8	93
93	The importance of epigenetics in the development of chronic obstructive pulmonary disease. <i>Respirology</i> , 2011, 16, 1056-1063.	1.3	29
94	Endothelial-like cells in chronic thromboembolic pulmonary hypertension: crosstalk with myofibroblast-like cells. <i>Respiratory Research</i> , 2011, 12, 109.	1.4	53
95	The Effects of Antiangiogenic Compound SU5416 in a Rat Model of Pulmonary Arterial Hypertension. <i>Respiration</i> , 2011, 81, 253-261.	1.2	62
96	The estrogen paradox in pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L435-L438.	1.3	15
97	Reversible or Irreversible Remodeling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 629-634.	1.4	139
98	Endothelial cells and pulmonary arterial hypertension: apoptosis, proliferation, interaction and transdifferentiation. <i>Respiratory Research</i> , 2009, 10, 95.	1.4	174
99	Dilatation of Bronchial Arteries Correlates With Extent of Central Disease in Patients With Chronic Thromboembolic Pulmonary Hypertension. <i>Circulation Journal</i> , 2008, 72, 1136-1141.	0.7	56
100	VEGF $\beta$ blockade causes endothelial cell apoptosis, expansion of surviving CD34 + precursor cells and transdifferentiation to smooth muscle $\alpha$ -like and neuronal $\alpha$ -like cells. <i>FASEB Journal</i> , 2007, 21, 3640-3652.	0.2	80
101	Vascular Endothelial Growth Factor and the Risk of Smoking-Related COPD. <i>Chest</i> , 2003, 124, 323-327.	0.4	39
102	Association of Tumor Necrosis Factor- $\beta$ Gene Promoter Polymorphism With Low Attenuation Areas on High-Resolution CT in Patients With COPD. <i>Chest</i> , 2002, 122, 416-420.	0.4	82
103	Thermoradiotherapy for local control of chest wall invasion in patients with advanced non-small cell lung cancer. <i>International Journal of Clinical Oncology</i> , 2002, 7, 343-348.	1.0	5
104	Clinical Outcomes of Sotrovimab Treatment in 10 High-Risk Patients with Mild COVID-19: A Case Series. <i>American Journal of Case Reports</i> , 0, 23, .	0.3	0